

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
 Data File : VN076802.D
 Acq On : 24 Feb 2023 12:04
 Operator : JC\MD
 Sample : VN0224WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Quant Time: Feb 25 01:42:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/27/2023
 Supervised By : Mahesh Dadoda 02/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	278857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	501763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	466782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	226480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	178966	46.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.960%		
35) Dibromofluoromethane	8.172	113	139117	42.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.680%		
50) Toluene-d8	10.571	98	555093	45.234	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.460%		
62) 4-Bromofluorobenzene	12.854	95	186073	45.781	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	50623	17.097	ug/l	96
3) Chloromethane	2.378	50	67504	17.474	ug/l	100
4) Vinyl Chloride	2.531	62	69251	18.214	ug/l	100
5) Bromomethane	2.966	94	49528	21.499	ug/l	92
6) Chloroethane	3.131	64	49839	20.742	ug/l	92
7) Trichlorofluoromethane	3.513	101	91381	17.665	ug/l	95
8) Diethyl Ether	3.972	74	37445	18.785	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	57836	19.027	ug/l	97
10) Methyl Iodide	4.601	142	67763	18.052	ug/l	97
11) Tert butyl alcohol	5.542	59	54662	107.546	ug/l	97
12) 1,1-Dichloroethene	4.354	96	50495	17.543	ug/l	89
13) Acrolein	4.195	56	72402	94.883	ug/l	97
14) Allyl chloride	5.042	41	105971	21.248	ug/l	91
15) Acrylonitrile	5.725	53	178548	98.984	ug/l	98
16) Acetone	4.437	43	177731	103.331	ug/l	97
17) Carbon Disulfide	4.719	76	121786	16.025	ug/l #	94
18) Methyl Acetate	5.037	43	115791	20.624	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	195148	20.110	ug/l	99
20) Methylene Chloride	5.284	84	64597	17.920	ug/l	97
21) trans-1,2-Dichloroethene	5.801	96	55707	17.193	ug/l #	90
22) Diisopropyl ether	6.683	45	241123	20.613	ug/l	96
23) Vinyl Acetate	6.613	43	751813	108.628	ug/l	98
24) 1,1-Dichloroethane	6.578	63	124813	19.469	ug/l	96
25) 2-Butanone	7.489	43	264810	104.373	ug/l	97
26) 2,2-Dichloropropane	7.495	77	92483	20.000	ug/l	95
27) cis-1,2-Dichloroethene	7.495	96	71334	18.562	ug/l	99
28) Bromochloromethane	7.819	49	59983	19.659	ug/l	90
29) Tetrahydrofuran	7.842	42	171580	103.508	ug/l	98
30) Chloroform	7.972	83	123008	19.204	ug/l	88
31) Cyclohexane	8.260	56	115033	19.044	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	100057	18.579	ug/l	95
36) 1,1-Dichloropropene	8.377	75	85740	18.060	ug/l	98
37) Ethyl Acetate	7.566	43	106896	21.400	ug/l	97
38) Carbon Tetrachloride	8.372	117	83952	17.529	ug/l	94
39) Methylcyclohexane	9.607	83	97937	18.148	ug/l	98
40) Benzene	8.607	78	273084	18.730	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	56729	19.604	ug/l	97
42) 1,2-Dichloroethane	8.677	62	98395	19.350	ug/l	99
43) Isopropyl Acetate	8.689	43	167936	20.661	ug/l	99
44) Trichloroethene	9.360	130	61480	17.844	ug/l	92
45) 1,2-Dichloropropane	9.624	63	77734	20.141	ug/l	98
46) Dibromomethane	9.713	93	48504	19.658	ug/l	92
47) Bromodichloromethane	9.889	83	97010	19.610	ug/l #	95
48) Methyl methacrylate	9.683	41	78583	20.374	ug/l	96
49) 1,4-Dioxane	9.701	88	27136	406.713	ug/l	94
51) 4-Methyl-2-Pentanone	10.448	43	549253	106.205	ug/l	98
52) Toluene	10.636	92	177032	20.112	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	93745	19.633	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	107156	19.456	ug/l	97
55) 1,1,2-Trichloroethane	11.013	97	67312	18.806	ug/l	98
56) Ethyl methacrylate	10.877	69	102242	20.293	ug/l	94
57) 1,3-Dichloropropane	11.166	76	122569	19.932	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	217286	94.170	ug/l	95
59) 2-Hexanone	11.201	43	403492	108.207	ug/l	99
60) Dibromochloromethane	11.360	129	68385	18.128	ug/l	97
61) 1,2-Dibromoethane	11.471	107	64619	18.036	ug/l	96
64) Tetrachloroethene	11.107	164	50131	17.042	ug/l	89
65) Chlorobenzene	11.895	112	178367	18.031	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	63674	17.721	ug/l	98
67) Ethyl Benzene	11.965	91	324290	19.242	ug/l	100
68) m/p-Xylenes	12.071	106	251812	38.763	ug/l	95
69) o-Xylene	12.401	106	125586	19.822	ug/l	99
70) Styrene	12.413	104	201086	19.627	ug/l	99
71) Bromoform	12.583	173	46902	17.795	ug/l #	97
73) Isopropylbenzene	12.701	105	320666	19.317	ug/l	99
74) N-amyl acetate	12.495	43	145391	19.431	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	112588	18.737	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	95175m	20.786	ug/l	
77) Bromobenzene	12.983	156	72276	17.451	ug/l	94
78) n-propylbenzene	13.036	91	380499	19.520	ug/l	99
79) 2-Chlorotoluene	13.124	91	228539	19.148	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	267176	19.475	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	29563	18.805	ug/l	91
82) 4-Chlorotoluene	13.124	91	228539	19.148	ug/l	96
83) tert-Butylbenzene	13.442	119	235003	18.935	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	277081	20.265	ug/l	98
85) sec-Butylbenzene	13.618	105	345070	19.915	ug/l	98
86) p-Isopropyltoluene	13.730	119	277206	20.035	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	142502	18.202	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	139371	17.876	ug/l	96
89) n-Butylbenzene	14.059	91	235936	19.606	ug/l	99
90) Hexachloroethane	14.336	117	51620	17.818	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	143888	17.927	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	19080	16.390	ug/l	90
93) 1,2,4-Trichlorobenzene	15.395	180	69546	17.371	ug/l	92
94) Hexachlorobutadiene	15.506	225	34618	17.642	ug/l	99
95) Naphthalene	15.642	128	209915	17.278	ug/l	98
96) 1,2,3-Trichlorobenzene	15.842	180	68025	17.537	ug/l	98

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Manual Integrations
APPROVED

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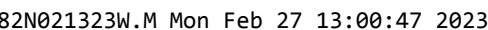
Quant Time: Feb 25 01:42:10 2023
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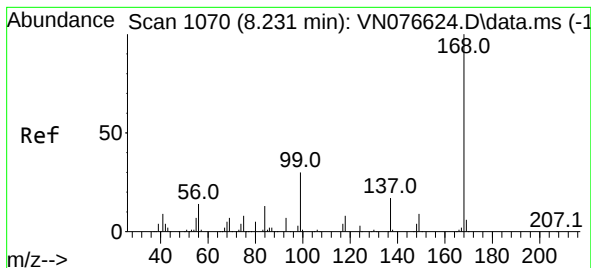
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:168 Resp: 27885

Ion Ratio Lower Upper

168 100

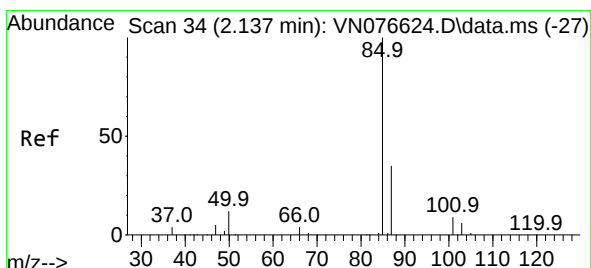
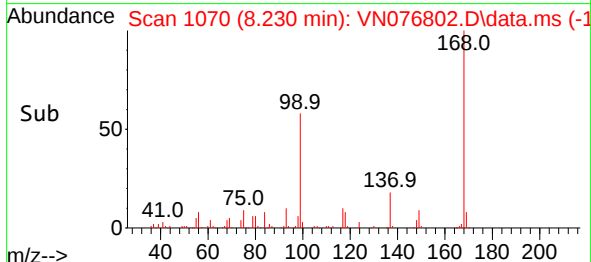
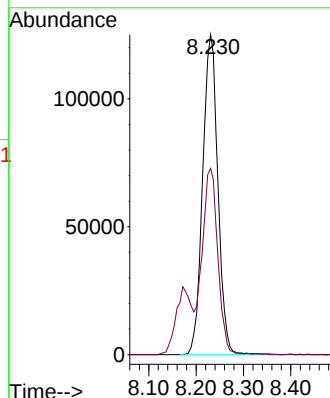
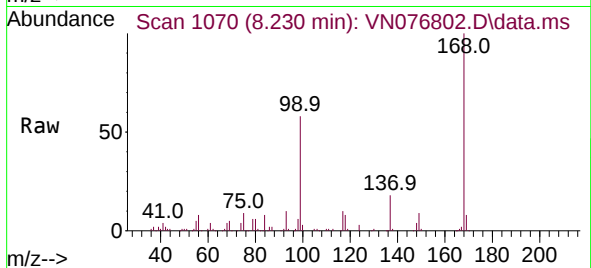
99 58.2 44.8 67.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.097 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN076802.D

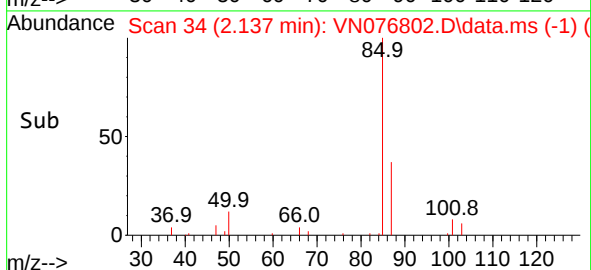
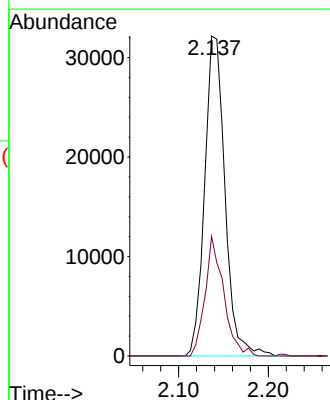
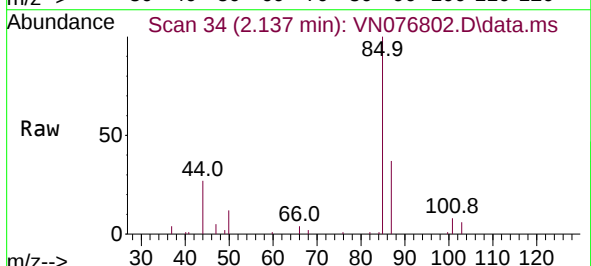
Acq: 24 Feb 2023 12:04

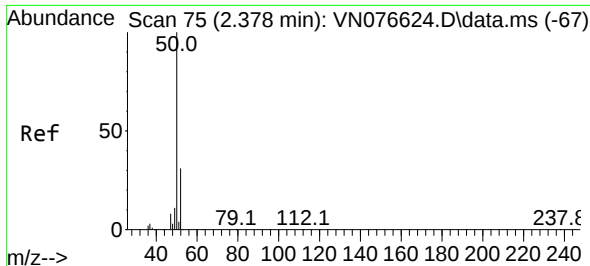
Tgt Ion: 85 Resp: 50623

Ion Ratio Lower Upper

85 100

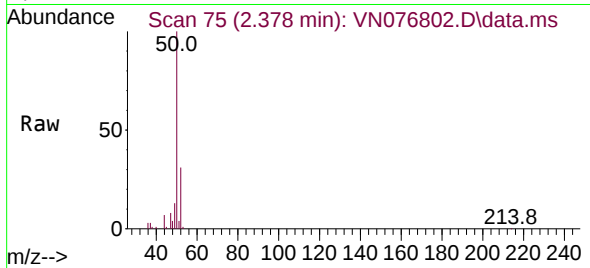
87 37.3 17.4 52.2





#3
Chloromethane
Concen: 17.474 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076802.D
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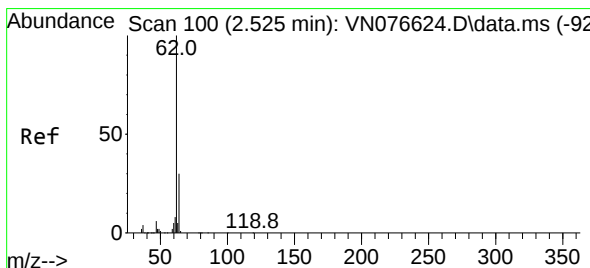
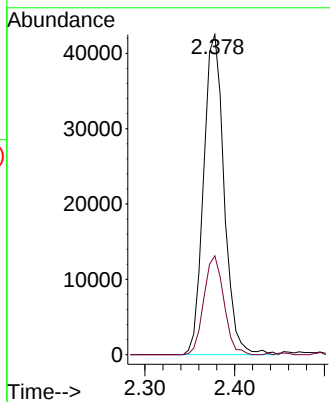
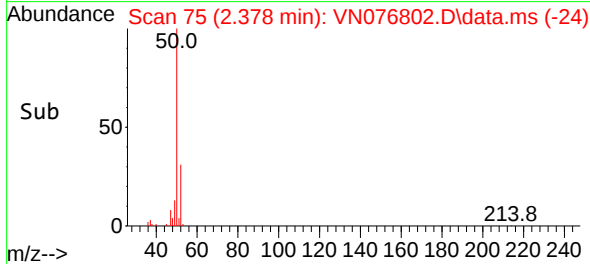
Instrument :
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Tgt Ion: 50 Resp: 67504
Ion Ratio Lower Upper
50 100
52 30.9 24.7 37.1

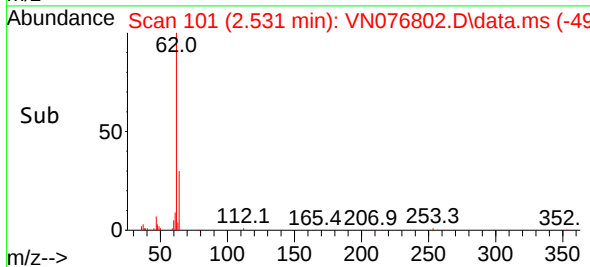
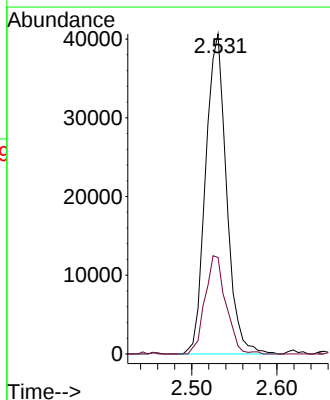
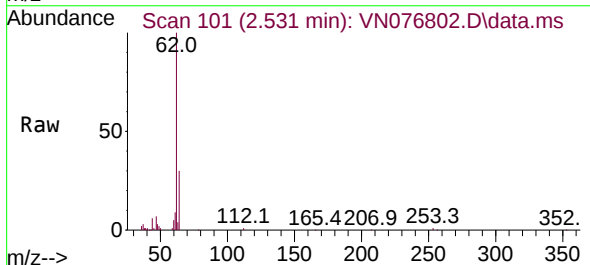
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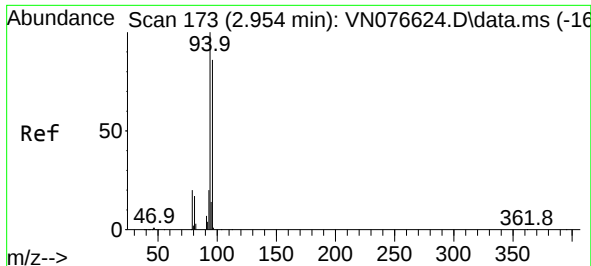
Reviewed By :John Carlone 02/27/2023
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#4
Vinyl Chloride
Concen: 18.214 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

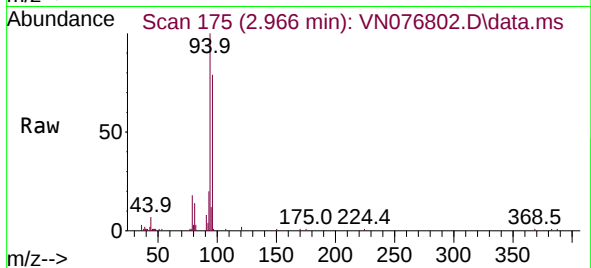
Tgt Ion: 62 Resp: 69251
Ion Ratio Lower Upper
62 100
64 30.1 23.9 35.9





#5
Bromomethane
Concen: 21.499 ug/l
RT: 2.966 min Scan# 173
Delta R.T. 0.012 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

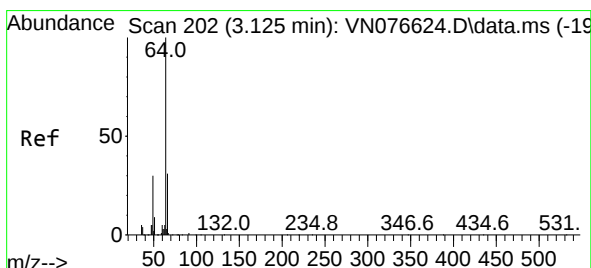
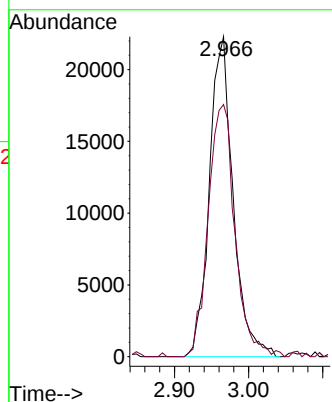
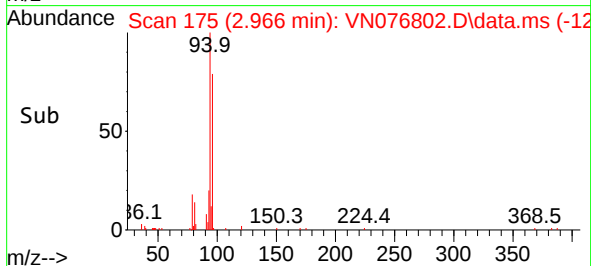
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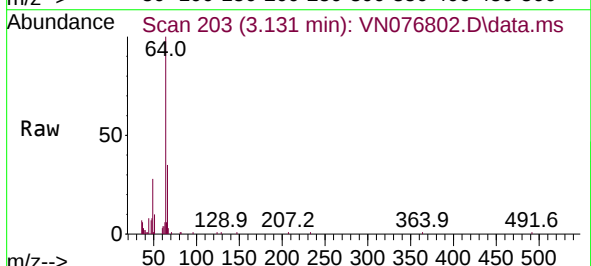
Tgt Ion: 94 Resp: 49528
Ion Ratio Lower Upper
94 100
96 78.8 69.0 103.4

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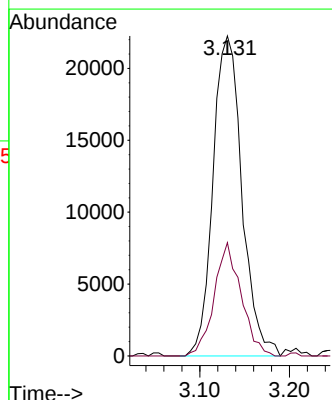
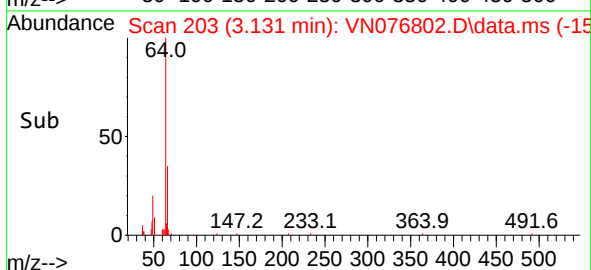
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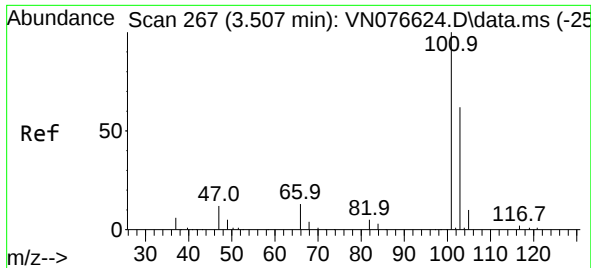


#6
Chloroethane
Concen: 20.742 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04



Tgt Ion: 64 Resp: 49839
Ion Ratio Lower Upper
64 100
66 35.4 24.6 37.0





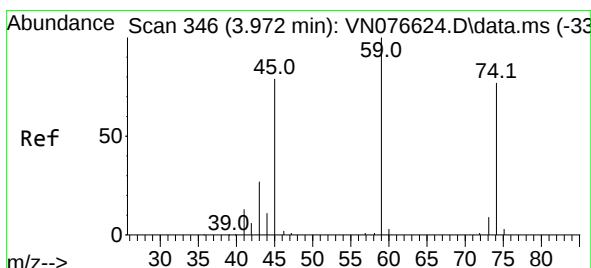
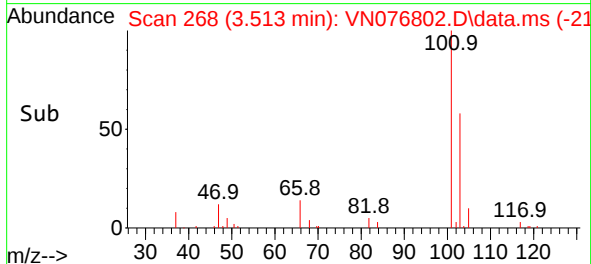
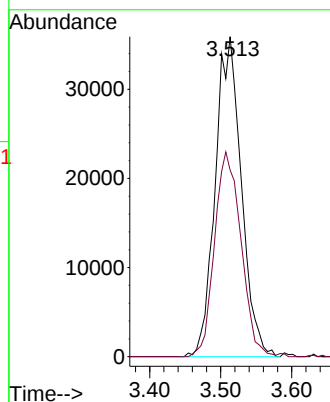
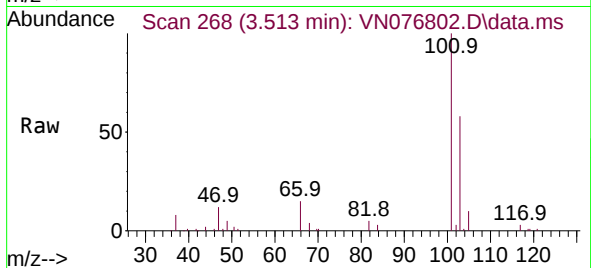
#7
Trichlorofluoromethane
Concen: 17.665 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Instrument :
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ClientSampleId :
VN0224WBS01

Tgt Ion:101 Resp: 9138
Ion Ratio Lower Upper
101 100
103 58.3 49.4 74.2

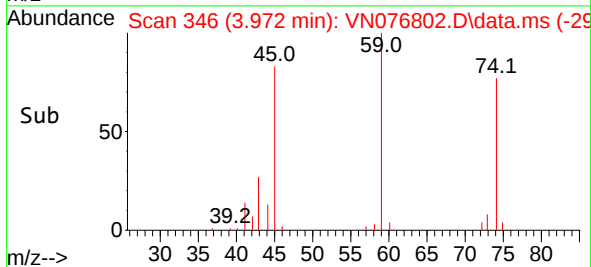
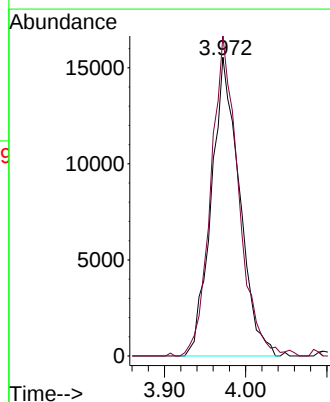
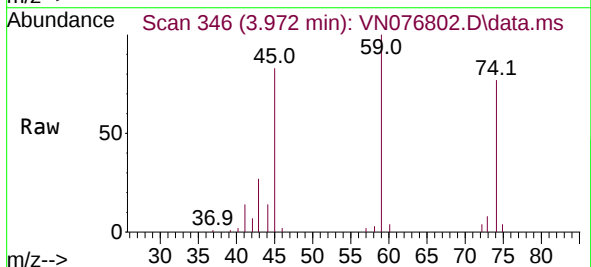
Manual Integrations
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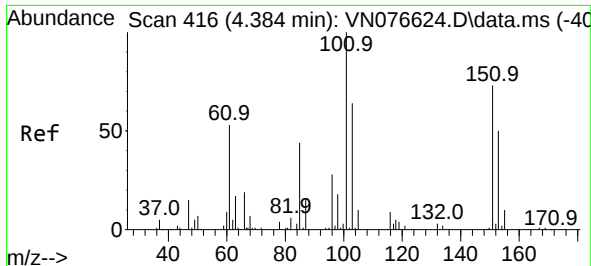
Reviewed By :John Carlone 02/27/2023
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#8
Diethyl Ether
Concen: 18.785 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Tgt Ion: 74 Resp: 37445
Ion Ratio Lower Upper
74 100
45 105.2 51.3 153.9





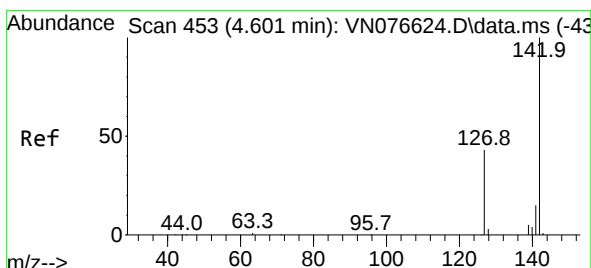
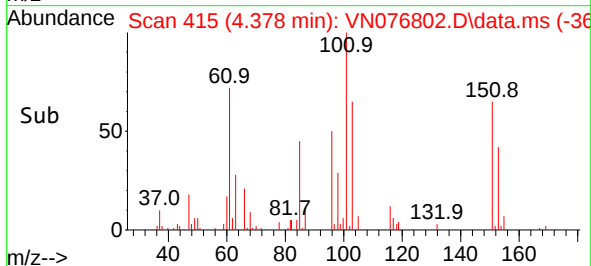
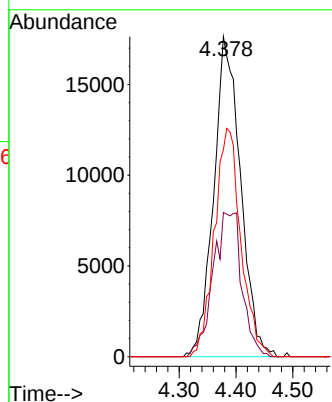
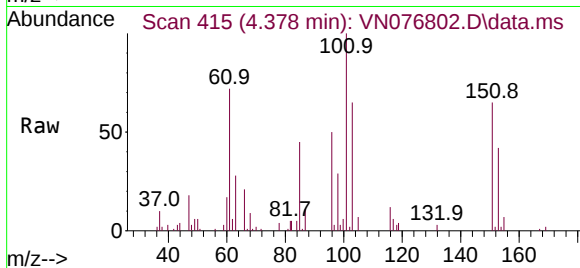
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.027 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion:101 Resp: 57830
Ion Ratio Lower Upper
101 100
85 48.5 37.4 56.0
151 70.0 58.7 88.1

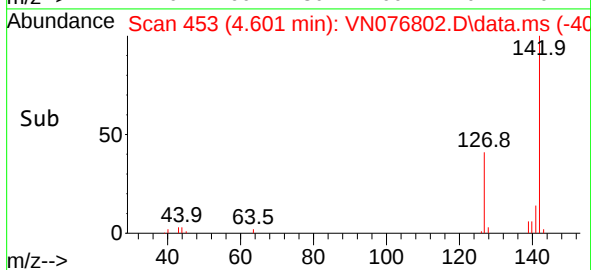
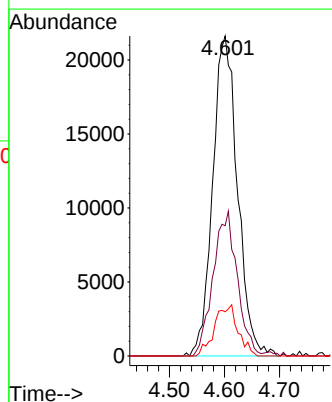
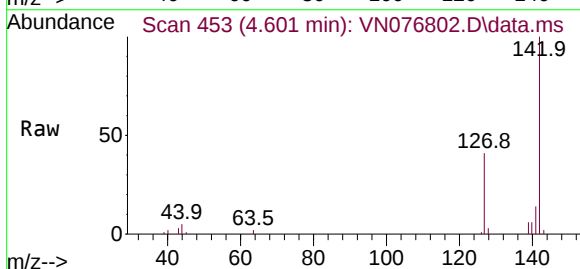
Manual Integrations
APPROVED

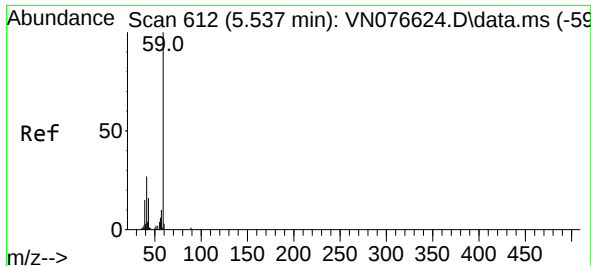
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#10
Methyl Iodide
Concen: 18.052 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

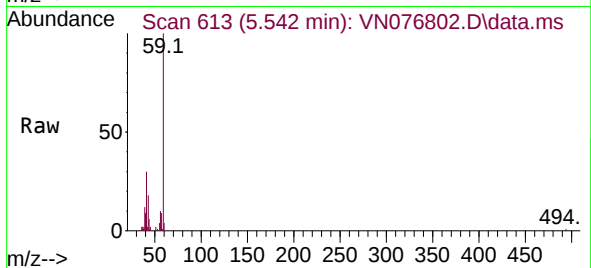
Tgt Ion:142 Resp: 67763
Ion Ratio Lower Upper
142 100
127 40.7 34.6 51.8
141 13.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 107.546 ug/l
RT: 5.542 min Scan# 612
Delta R.T. 0.005 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

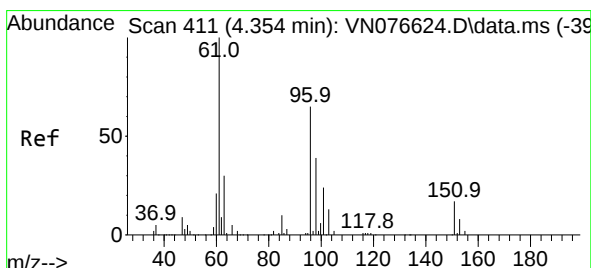
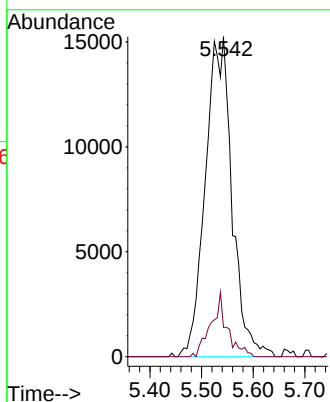
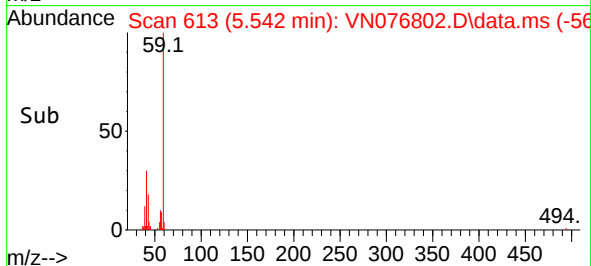
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 59 Resp: 54662
Ion Ratio Lower Upper
59 100
57 12.2 8.7 13.1

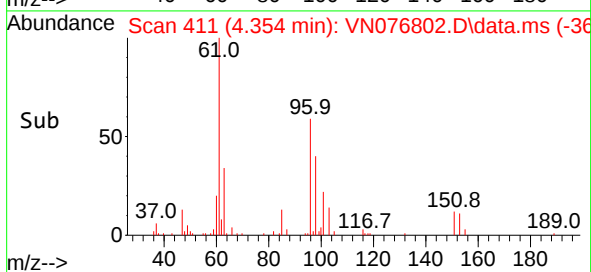
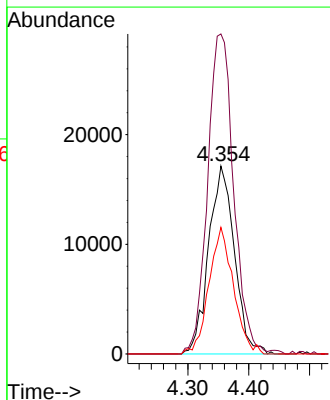
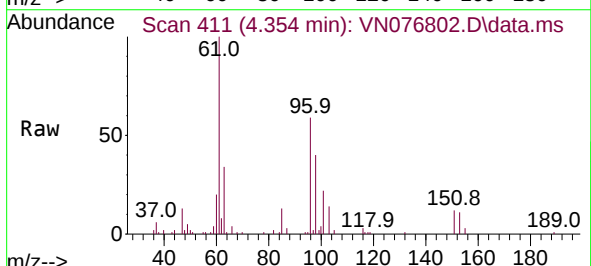
Manual Integrations
APPROVED

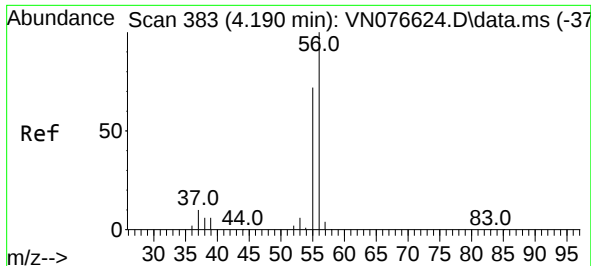
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#12
1,1-Dichloroethene
Concen: 17.543 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

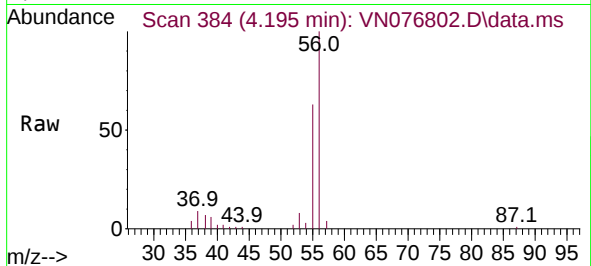
Tgt Ion: 96 Resp: 50495
Ion Ratio Lower Upper
96 100
61 170.3 123.8 185.6
98 67.3 48.4 72.6





#13
Acrolein
Concen: 94.883 ug/l
RT: 4.195 min Scan# 383
Delta R.T. 0.005 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

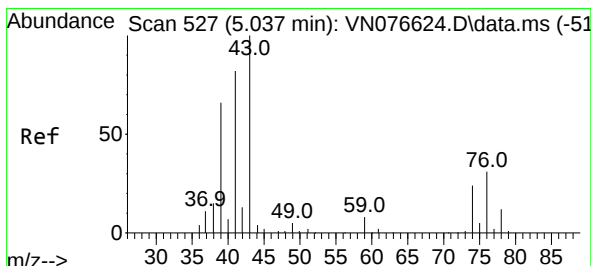
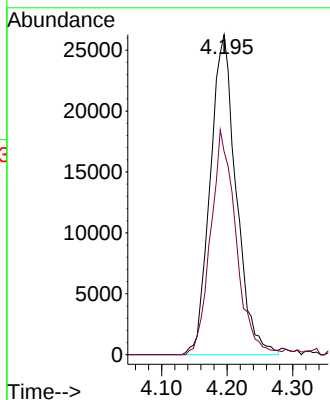
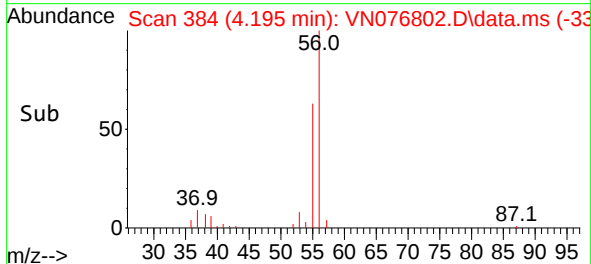
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 56 Resp: 7240
Ion Ratio Lower Upper
56 100
55 68.3 56.3 84.5

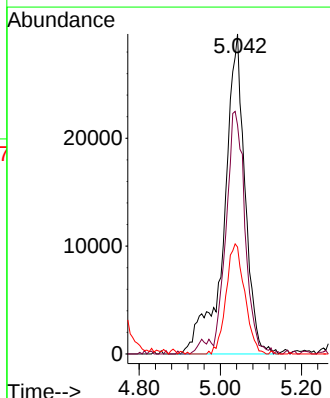
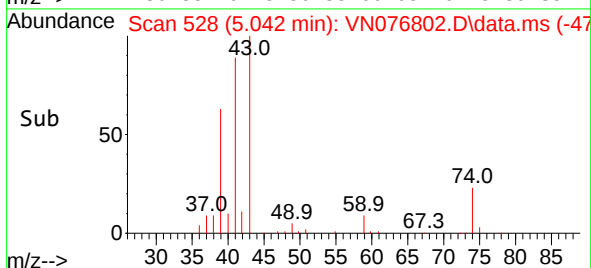
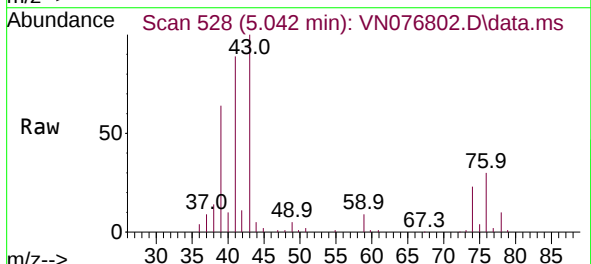
Manual Integrations
APPROVED

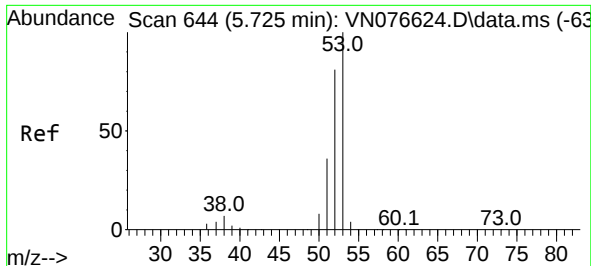
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#14
Allyl chloride
Concen: 21.248 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

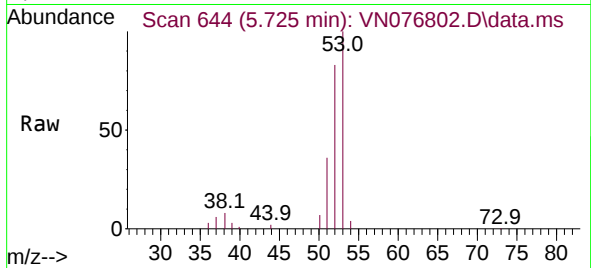
Tgt Ion: 41 Resp: 105971
Ion Ratio Lower Upper
41 100
39 68.4 62.3 93.5
76 30.7 27.0 40.6





#15
Acrylonitrile
Concen: 98.984 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

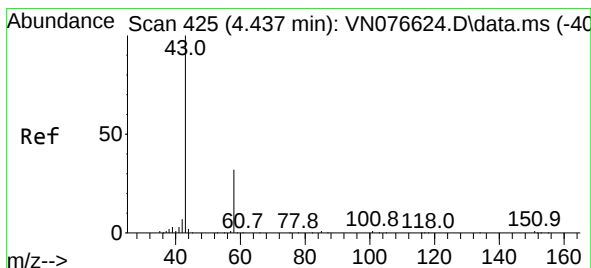
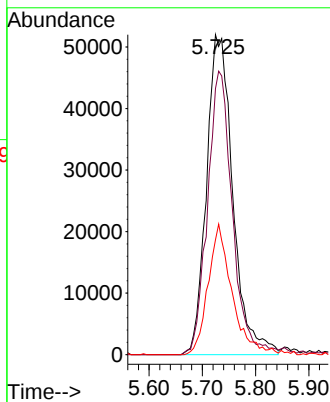
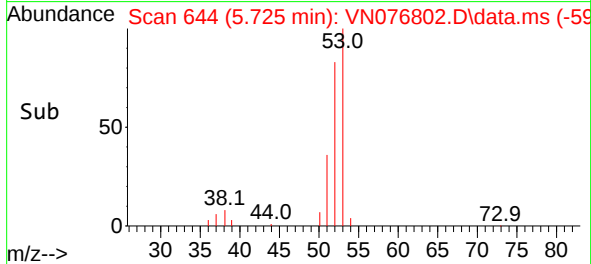
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 53 Resp: 178548
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 37.0 29.2 43.8

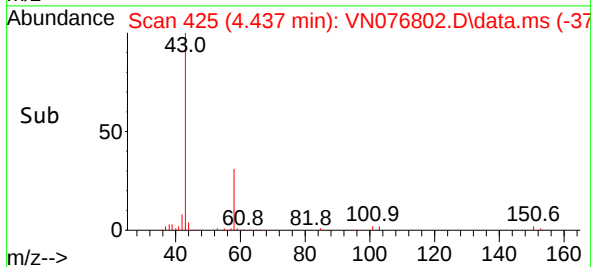
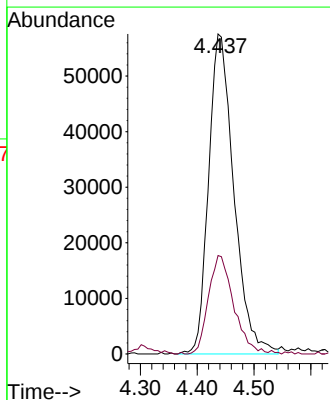
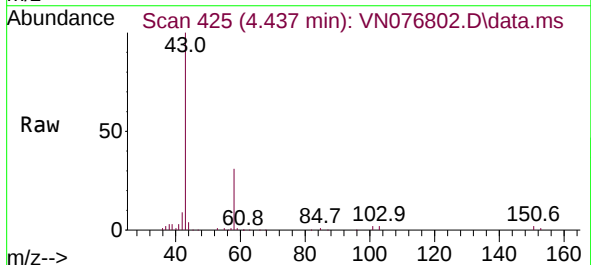
Manual Integrations
APPROVED

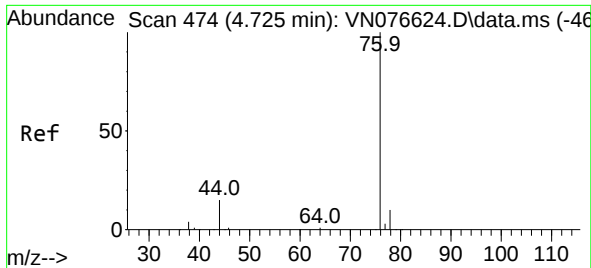
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#16
Acetone
Concen: 103.331 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Tgt Ion: 43 Resp: 177731
Ion Ratio Lower Upper
43 100
58 30.7 25.9 38.9





#17

Carbon Disulfide

Concen: 16.025 ug/l

RT: 4.719 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tgt Ion: 76 Resp: 121780

Ion Ratio Lower Upper

76 100

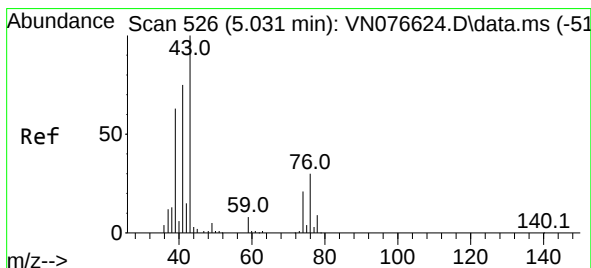
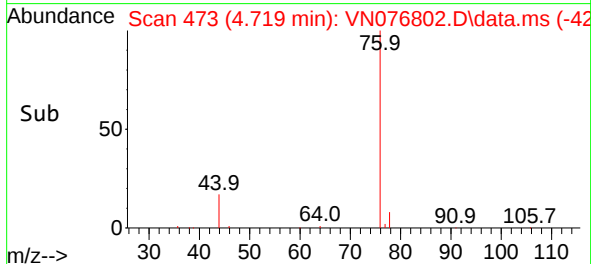
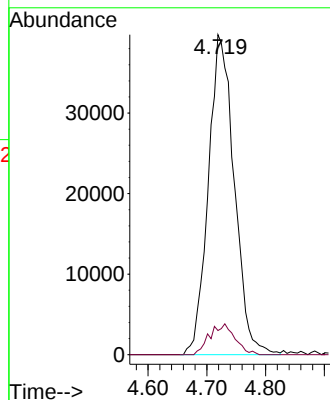
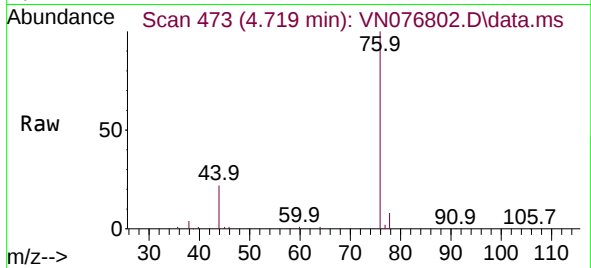
78 7.6 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#18

Methyl Acetate

Concen: 20.624 ug/l

RT: 5.037 min Scan# 527

Delta R.T. 0.006 min

Lab File: VN076802.D

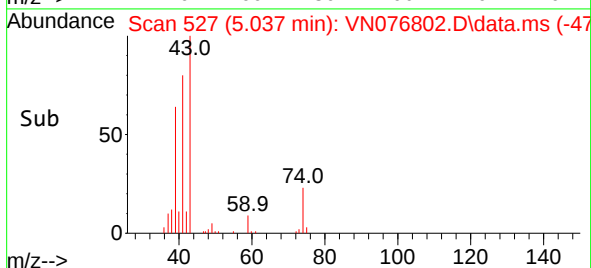
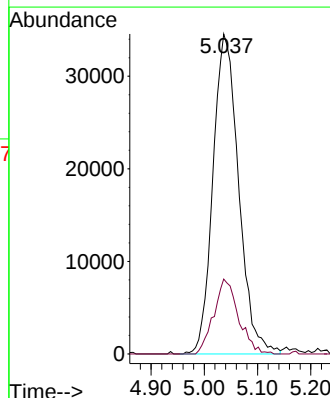
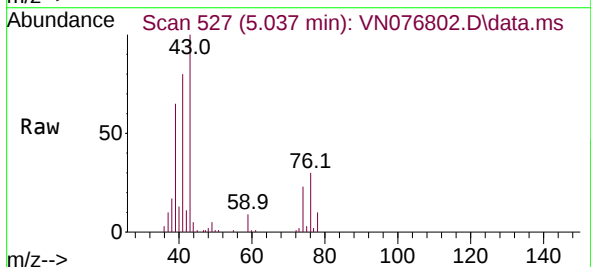
Acq: 24 Feb 2023 12:04

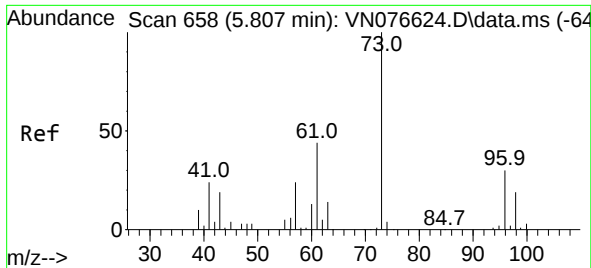
Tgt Ion: 43 Resp: 115791

Ion Ratio Lower Upper

43 100

74 22.5 17.7 26.5





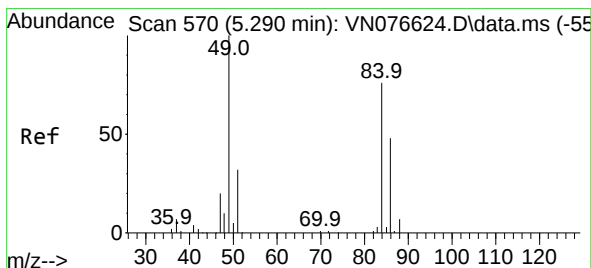
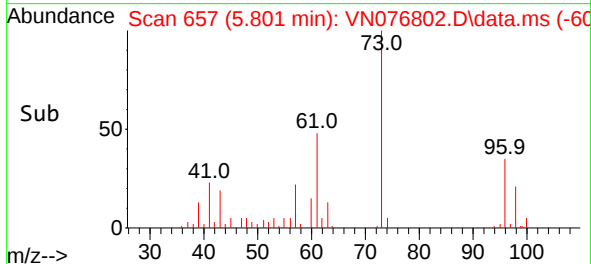
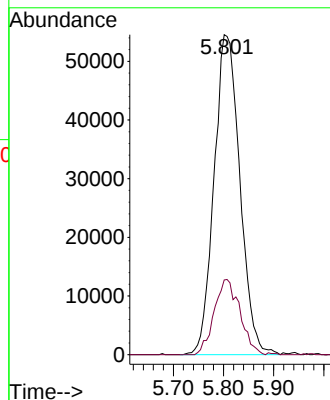
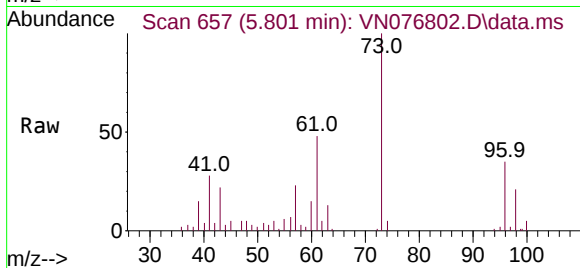
#19
Methyl tert-butyl Ether
Concen: 20.110 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion: 73 Resp: 195148
Ion Ratio Lower Upper
73 100
57 23.4 19.0 28.4

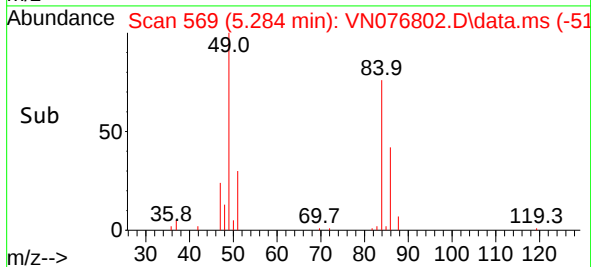
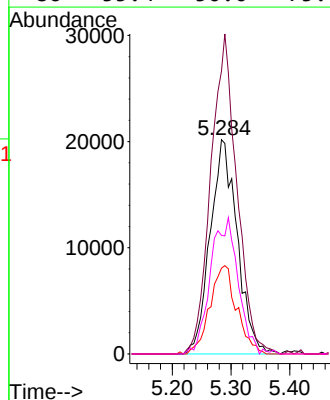
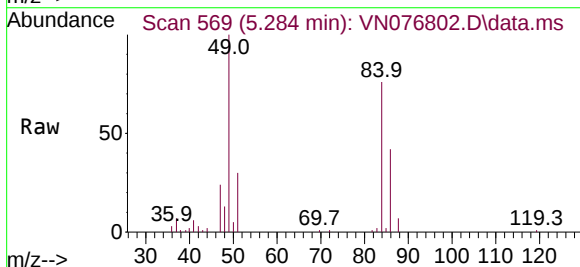
Manual Integrations
APPROVED

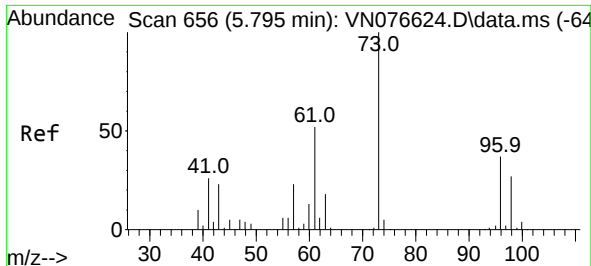
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#20
Methylene Chloride
Concen: 17.920 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

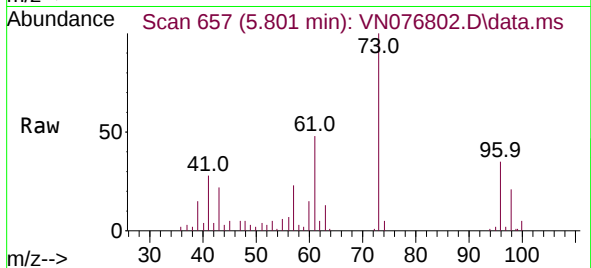
Tgt Ion: 84 Resp: 64597
Ion Ratio Lower Upper
84 100
49 132.0 104.9 157.3
51 40.0 33.8 50.8
86 55.4 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 17.193 ug/l
RT: 5.801 min Scan# 657
Delta R.T. 0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

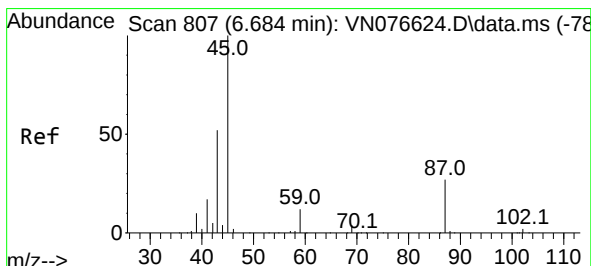
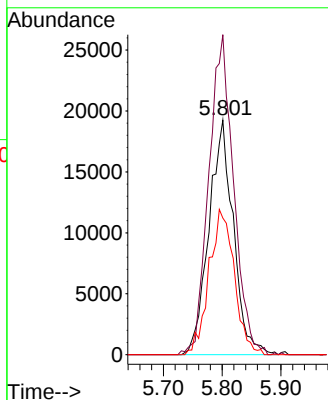
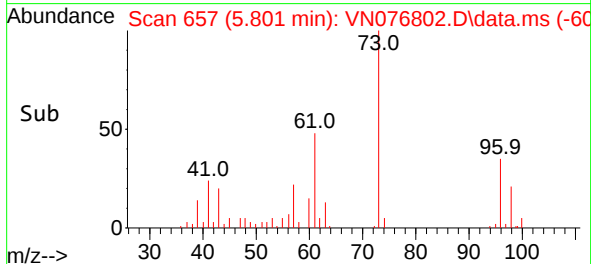
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 96 Resp: 5570
Ion Ratio Lower Upper
96 100
61 136.4 113.9 170.9
98 58.2 59.4 89.0

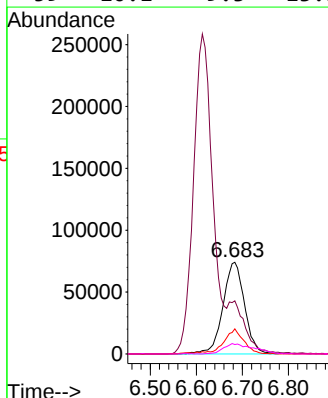
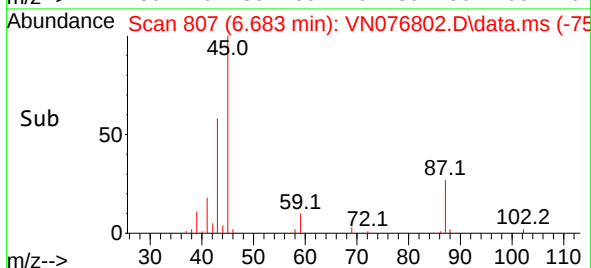
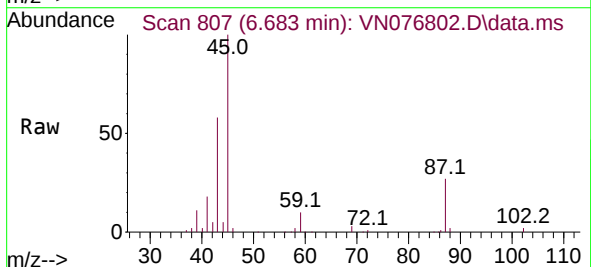
Manual Integrations
APPROVED

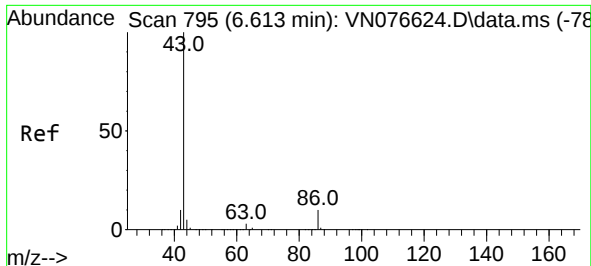
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#22
Diisopropyl ether
Concen: 20.613 ug/l
RT: 6.683 min Scan# 807
Delta R.T. -0.001 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

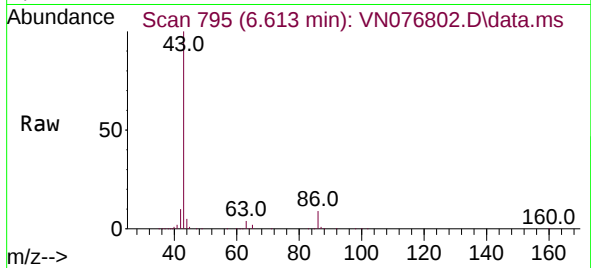
Tgt Ion: 45 Resp: 241123
Ion Ratio Lower Upper
45 100
43 55.9 41.8 62.6
87 27.4 21.8 32.8
59 10.1 9.3 13.9





#23
 Vinyl Acetate
 Concen: 108.628 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076802.D
 Acq: 24 Feb 2023 12:04

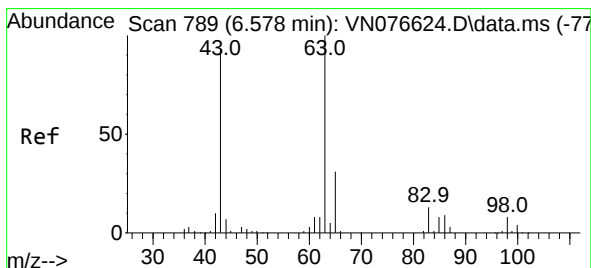
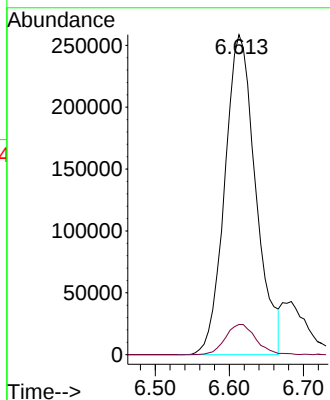
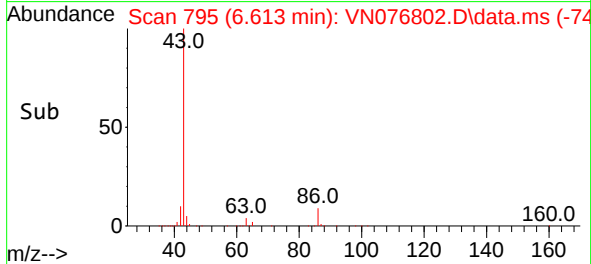
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01



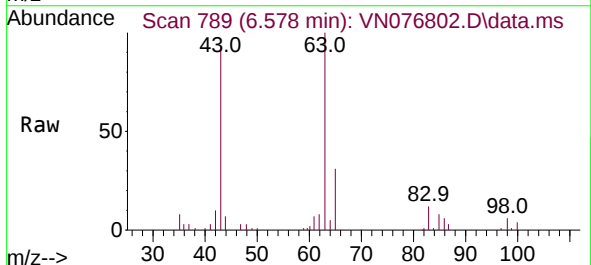
Tgt Ion: 43 Resp: 75181
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.2 12.2

Manual Integrations
 APPROVED

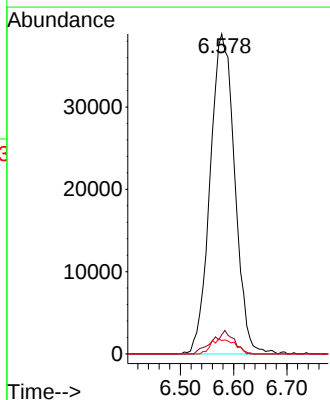
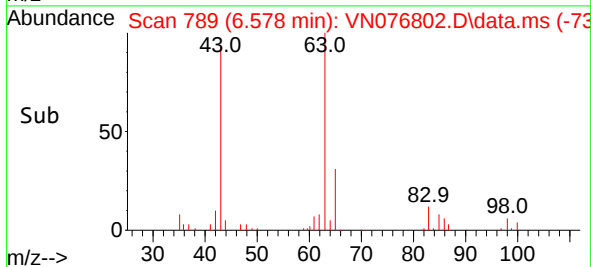
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023

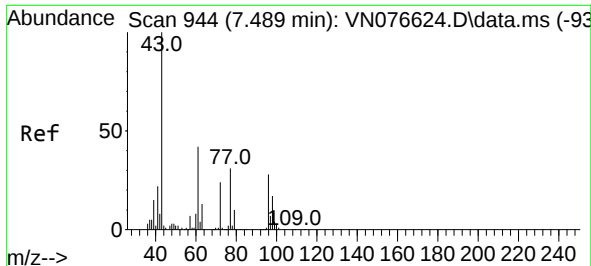


#24
 1,1-Dichloroethane
 Concen: 19.469 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076802.D
 Acq: 24 Feb 2023 12:04



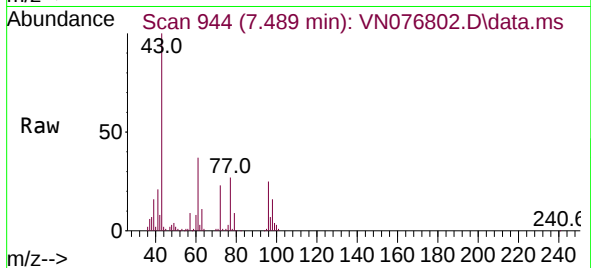
Tgt Ion: 63 Resp: 124813
 Ion Ratio Lower Upper
 63 100
 98 6.0 4.1 12.3
 100 4.2 2.0 5.8





#25
2-Butanone
Concen: 104.373 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

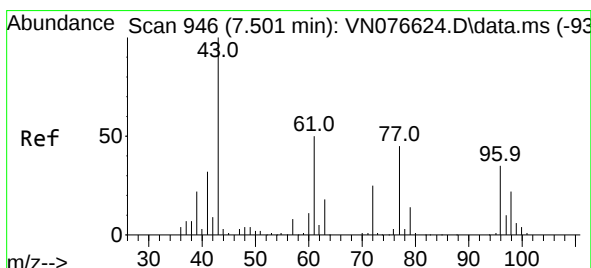
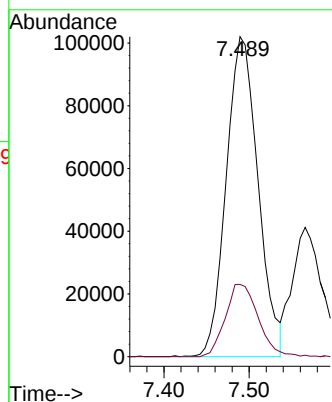
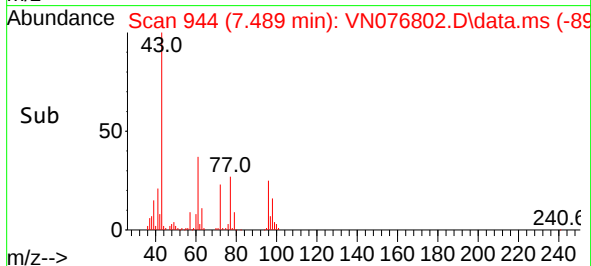
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 43 Resp: 264810
Ion Ratio Lower Upper
43 100
72 22.6 19.4 29.2

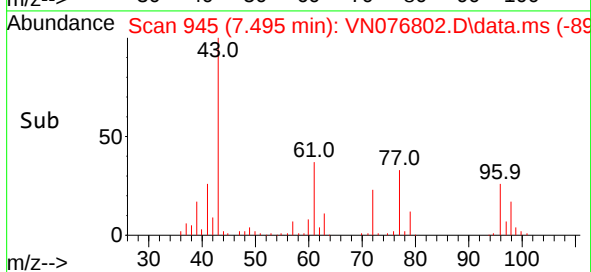
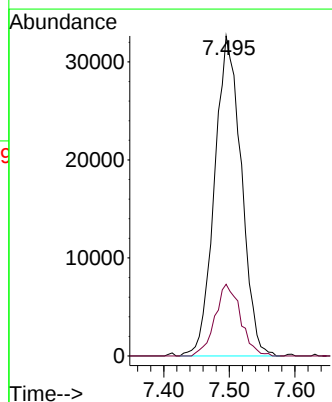
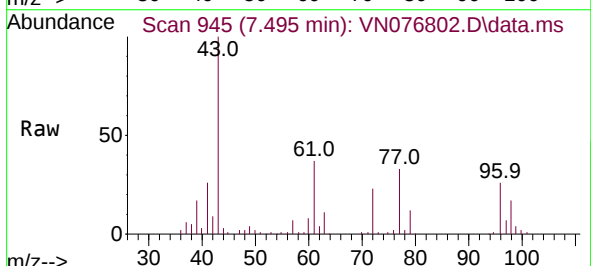
Manual Integrations
APPROVED

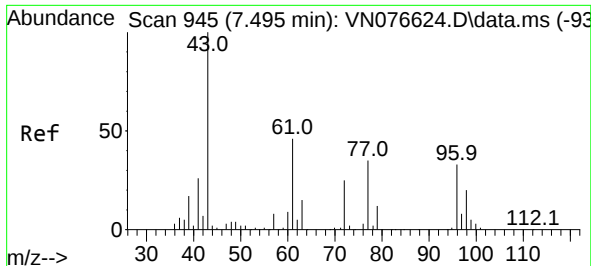
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#26
2,2-Dichloropropane
Concen: 20.000 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

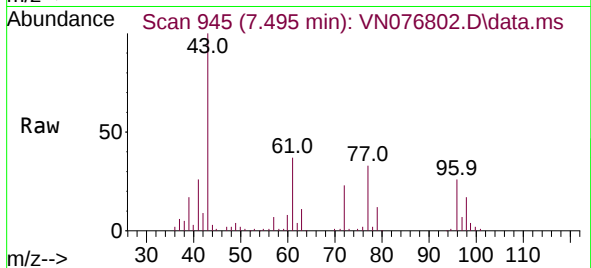
Tgt Ion: 77 Resp: 92483
Ion Ratio Lower Upper
77 100
97 21.4 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.562 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076802.D
 Acq: 24 Feb 2023 12:04

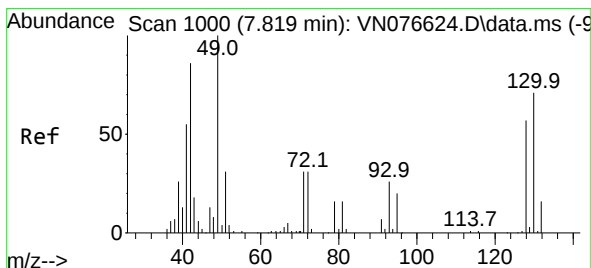
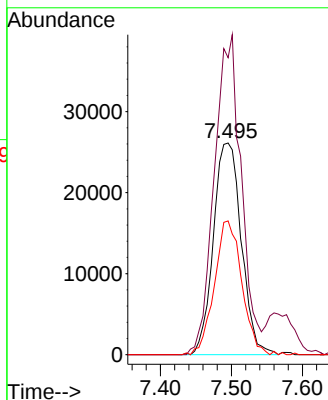
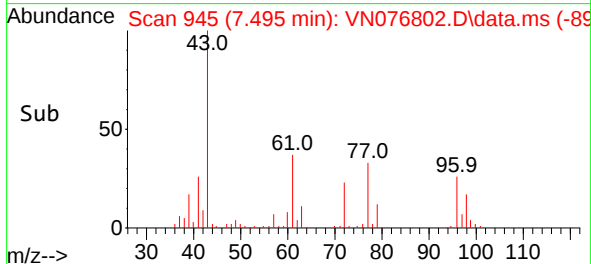
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01



Tgt Ion: 96 Resp: 71334
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 286.8
 98 61.7 0.0 124.0

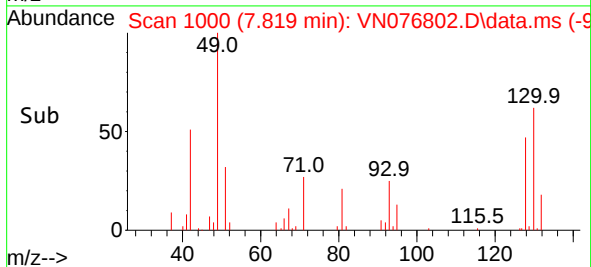
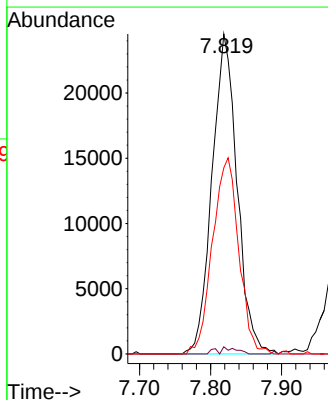
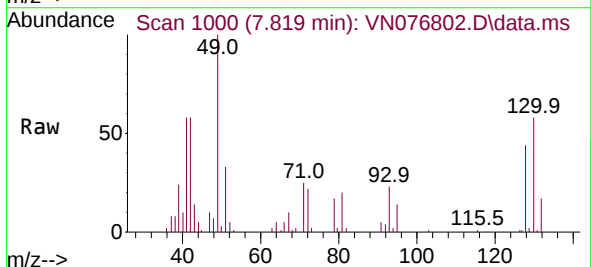
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023



#28
 Bromochloromethane
 Concen: 19.659 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076802.D
 Acq: 24 Feb 2023 12:04

Tgt Ion: 49 Resp: 59983
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.0
 130 64.2 57.8 86.8





#29

Tetrahydrofuran

Concen: 103.508 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tgt Ion: 42 Resp: 171580

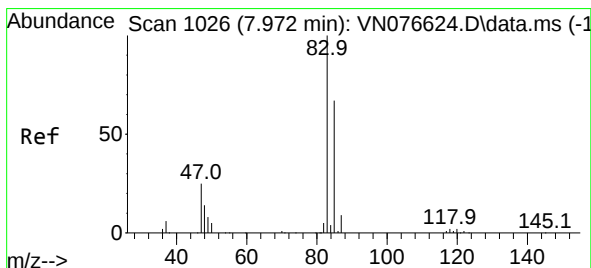
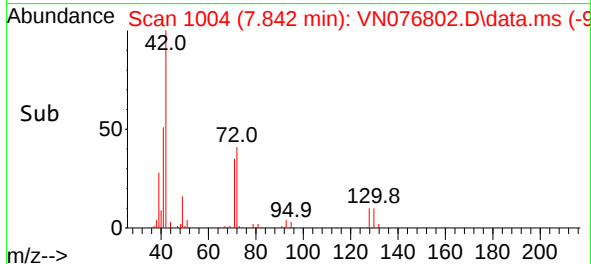
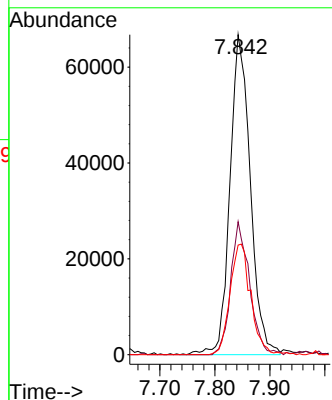
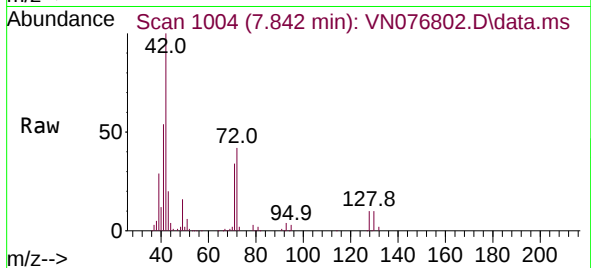
Ion	Ratio	Lower	Upper
42	100		
72	38.6	31.5	47.3
71	35.4	29.8	44.8

Manual Integrations

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Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#30

Chloroform

Concen: 19.204 ug/l

RT: 7.972 min Scan# 1026

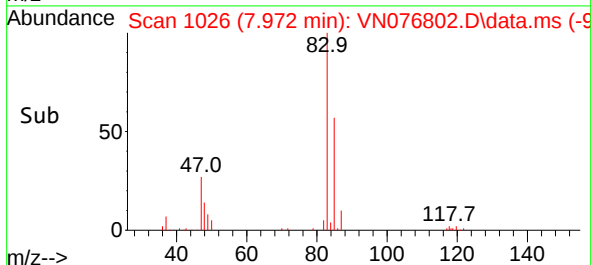
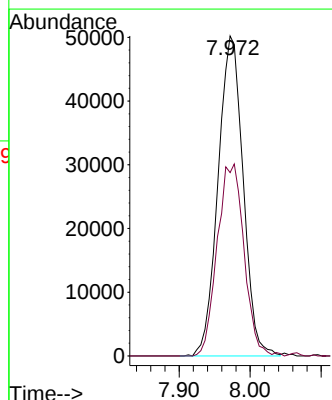
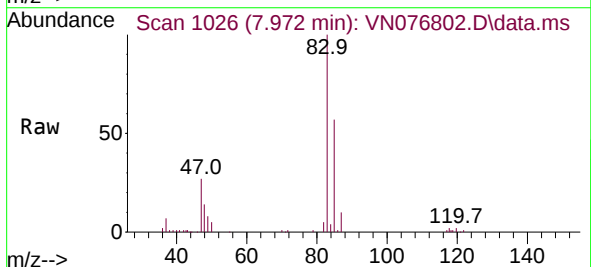
Delta R.T. -0.000 min

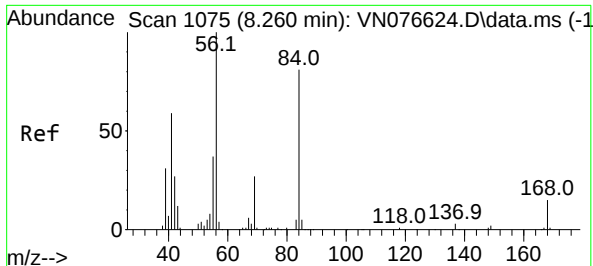
Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

Tgt Ion: 83 Resp: 123008

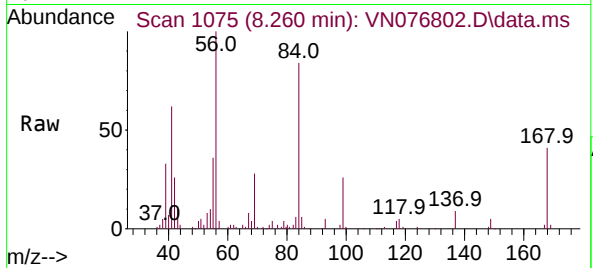
Ion	Ratio	Lower	Upper
83	100		
85	57.3	53.5	80.3





#31
Cyclohexane
Concen: 19.044 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

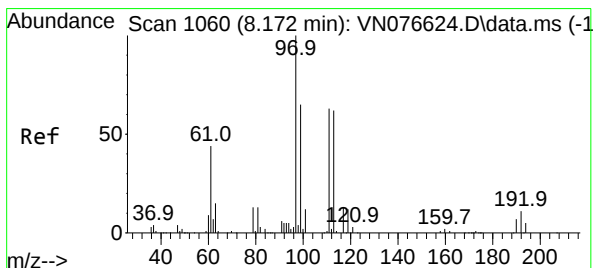
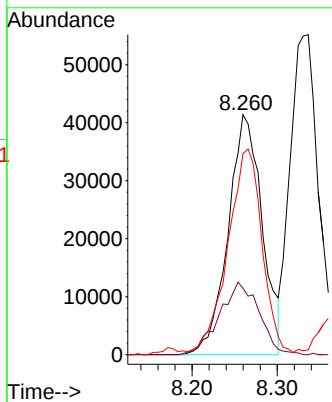
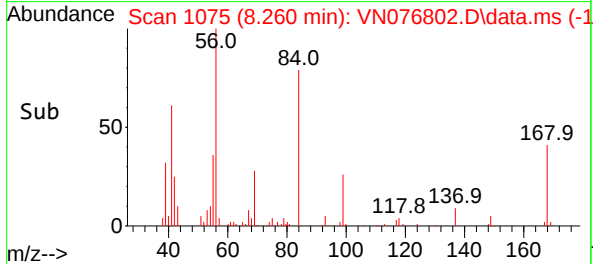
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



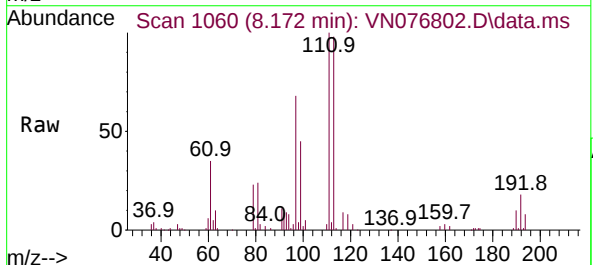
Tgt Ion: 56 Resp: 11503
Ion Ratio Lower Upper
56 100
69 27.7 21.6 32.4
84 82.6 65.1 97.7

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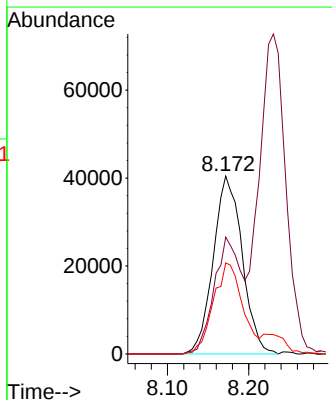
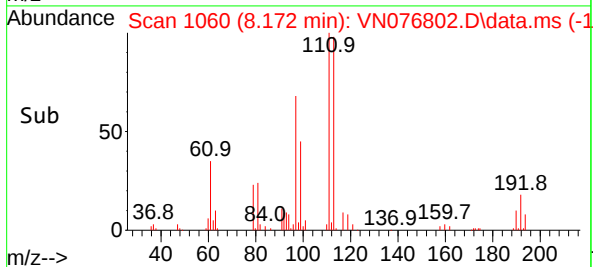
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

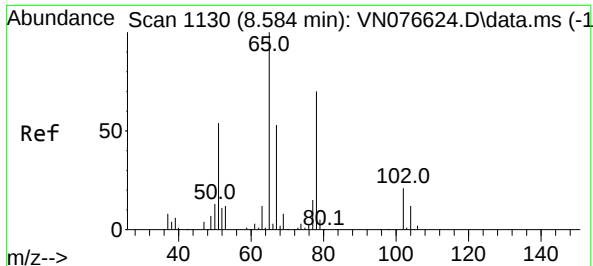


#32
1,1,1-Trichloroethane
Concen: 18.579 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04



Tgt Ion: 97 Resp: 100057
Ion Ratio Lower Upper
97 100
99 60.9 51.2 76.8
61 52.0 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 46.477 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tgt Ion: 65 Resp: 178960

Ion Ratio Lower Upper

65 100

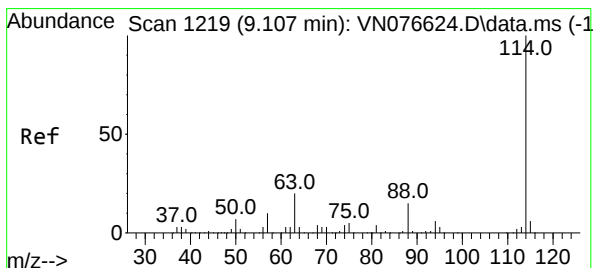
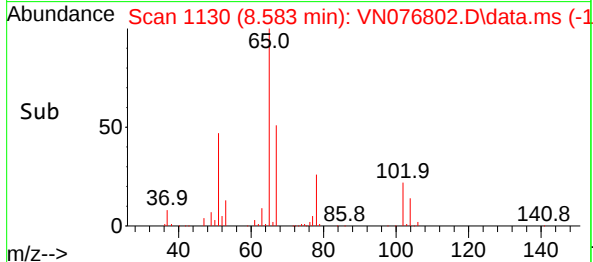
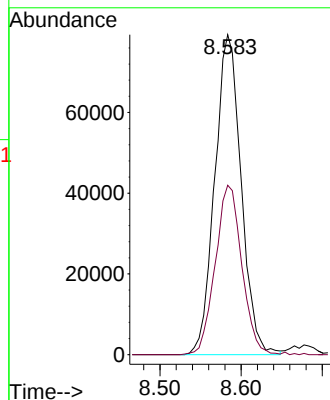
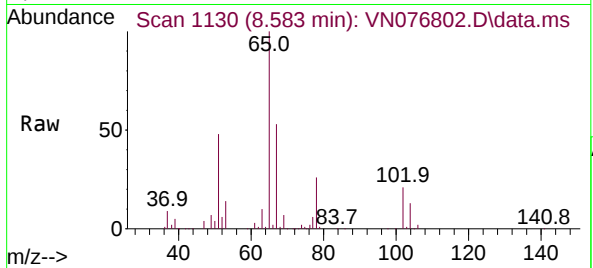
67 53.2 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

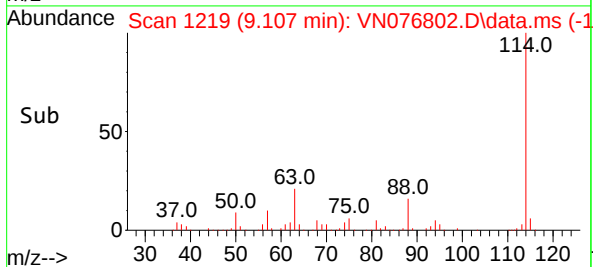
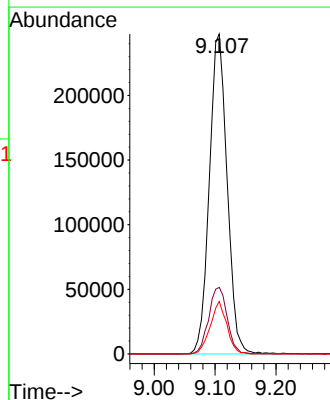
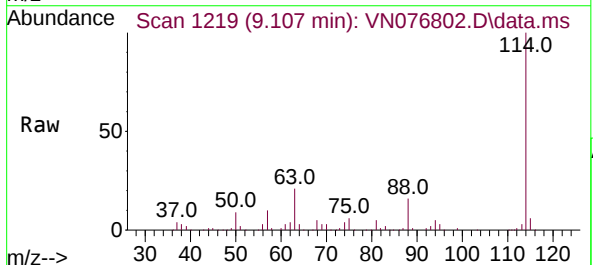
Tgt Ion:114 Resp: 501763

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

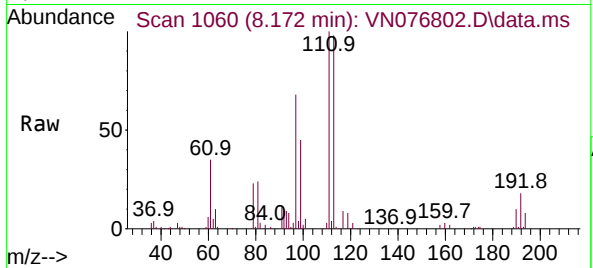
88 16.4 0.0 29.6





#35
Dibromofluoromethane
Concen: 42.337 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

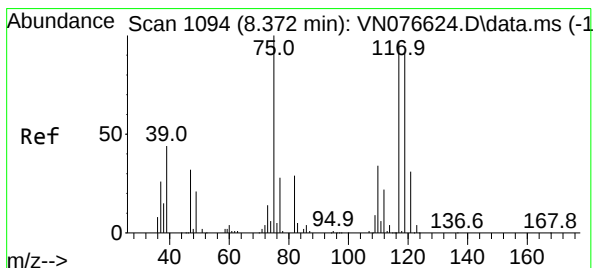
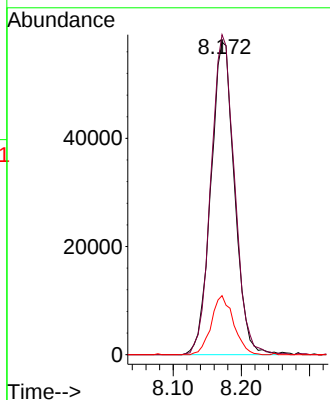
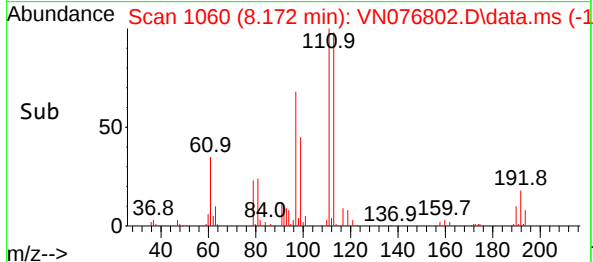
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 113 Resp: 13911
Ion Ratio Lower Upper
113 100
111 102.3 83.1 124.7
192 17.9 15.6 23.4

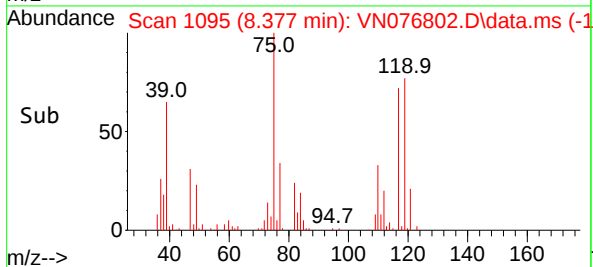
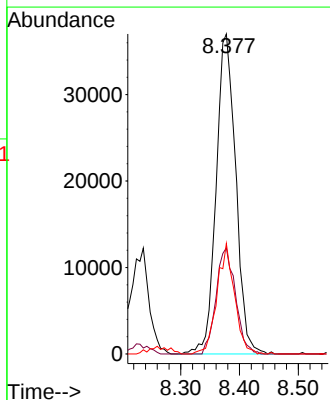
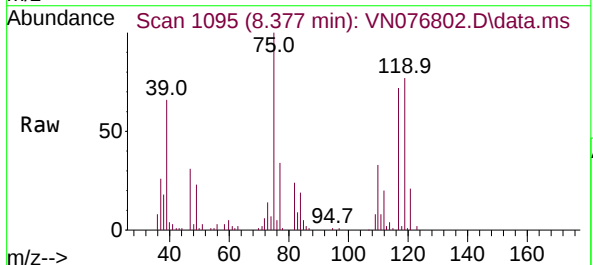
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#36
1,1-Dichloropropene
Concen: 18.060 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. 0.005 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

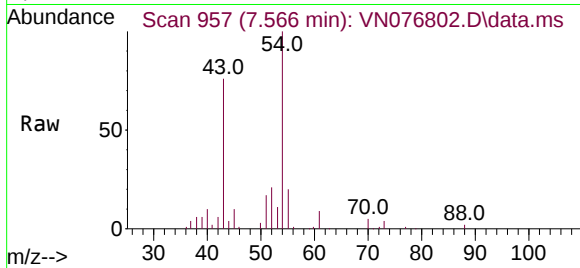
Tgt Ion: 75 Resp: 85740
Ion Ratio Lower Upper
75 100
110 32.8 17.5 52.5
77 31.0 24.5 36.7





#37
Ethyl Acetate
Concen: 21.400 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

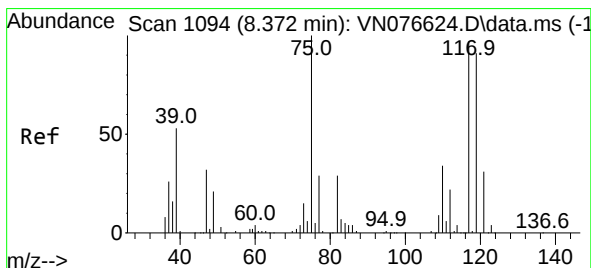
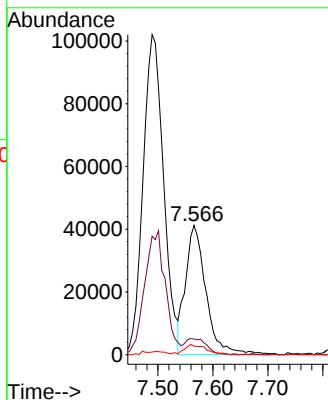
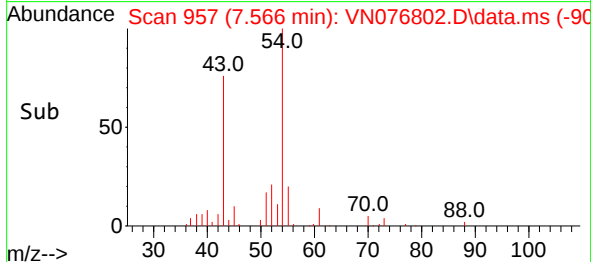
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 43 Resp: 106890
Ion Ratio Lower Upper
43 100
61 13.1 9.9 14.9
70 8.2 7.8 11.6

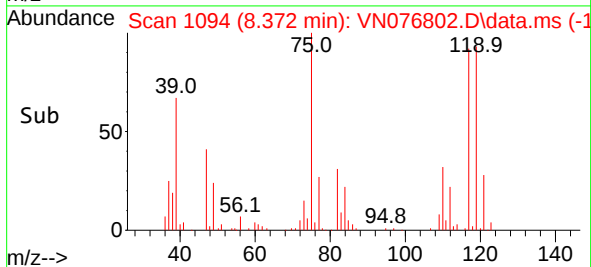
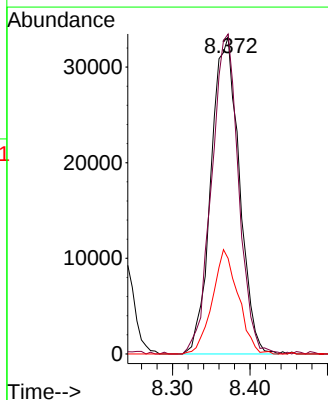
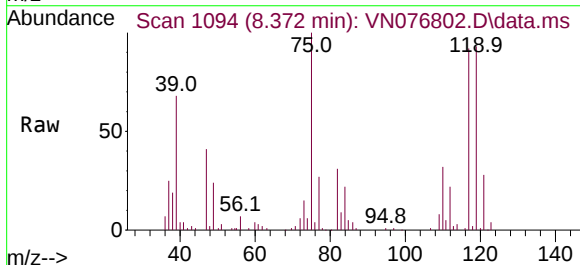
Manual Integrations
APPROVED

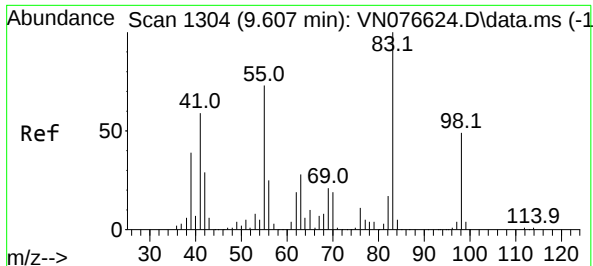
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#38
Carbon Tetrachloride
Concen: 17.529 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Tgt Ion:117 Resp: 83952
Ion Ratio Lower Upper
117 100
119 100.9 75.4 113.0
121 30.1 26.0 39.0





#39

Methylcyclohexane

Concen: 18.148 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tgt Ion: 83 Resp: 9793

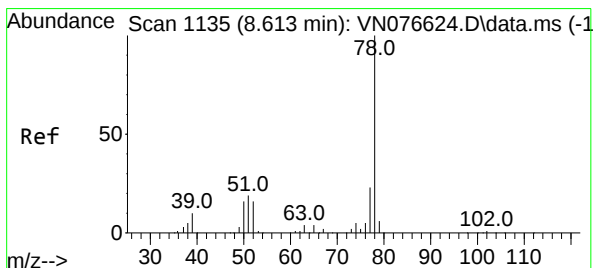
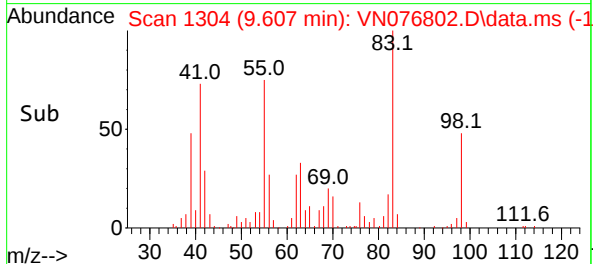
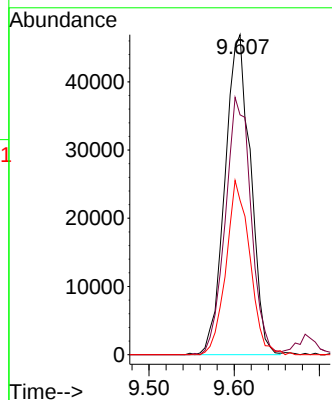
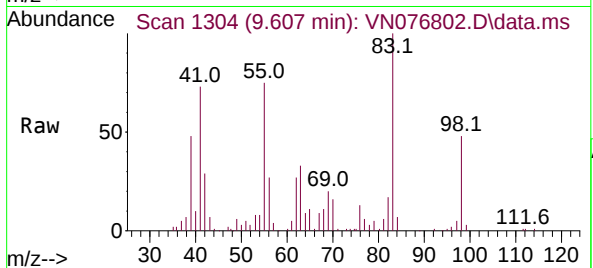
Ion	Ratio	Lower	Upper
83	100		
55	74.9	58.6	88.0
98	48.3	39.4	59.2

Manual Integrations

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Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#40

Benzene

Concen: 18.730 ug/l

RT: 8.607 min Scan# 1134

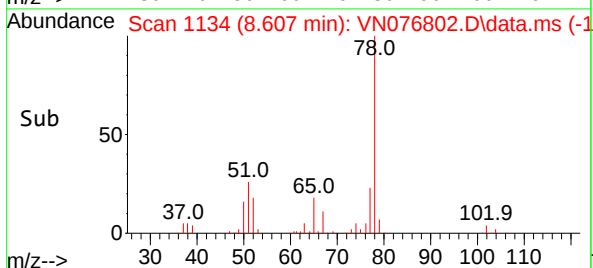
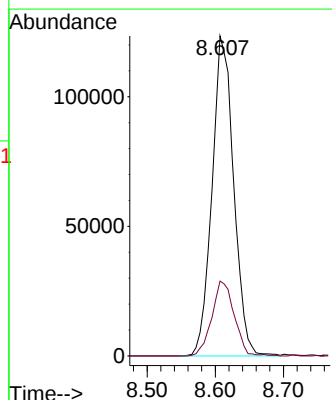
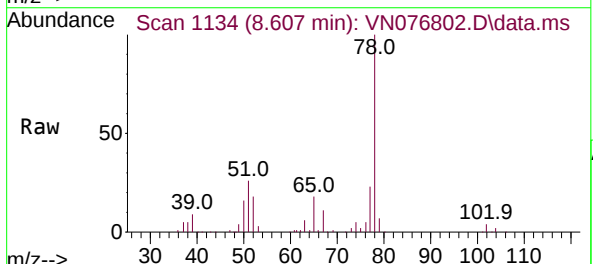
Delta R.T. -0.006 min

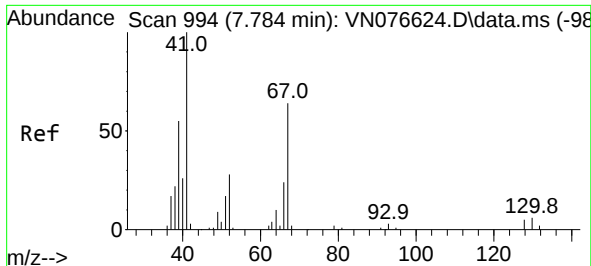
Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

Tgt Ion: 78 Resp: 273084

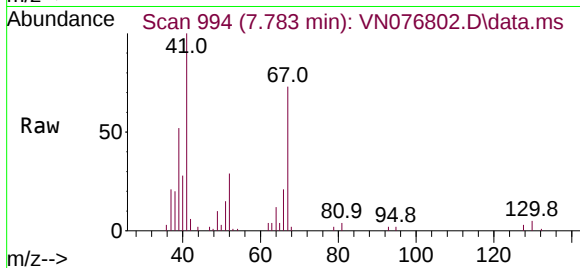
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.2	27.4





#41
Methacrylonitrile
Concen: 19.604 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

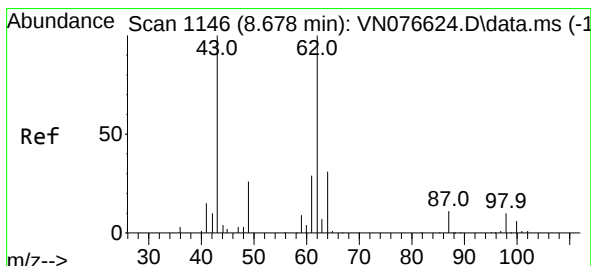
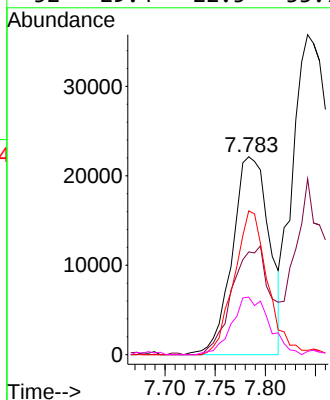
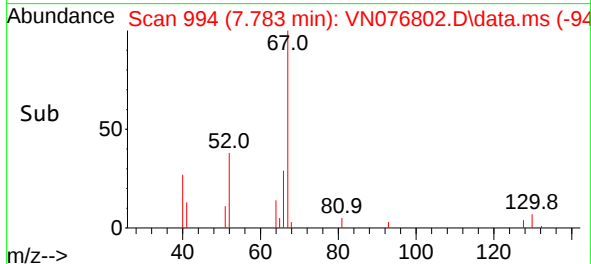
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 41 Resp: 56729
Ion Ratio Lower Upper
41 100
39 55.7 42.6 63.8
67 66.7 51.4 77.0
52 29.4 22.5 33.7

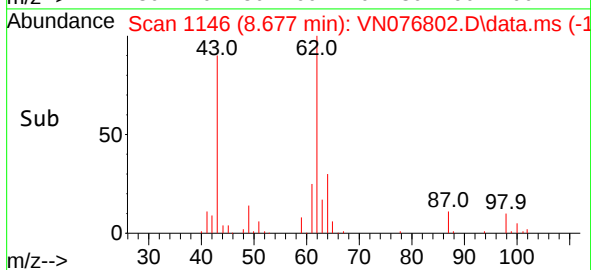
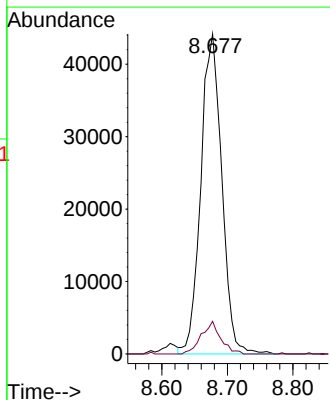
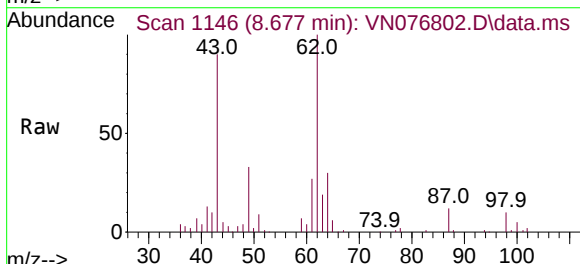
Manual Integrations
APPROVED

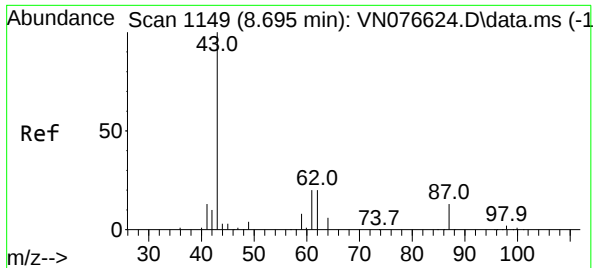
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#42
1,2-Dichloroethane
Concen: 19.350 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Tgt Ion: 62 Resp: 98395
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.2





#43

Isopropyl Acetate

Concen: 20.661 ug/l

RT: 8.689 min Scan# 1149

Delta R.T. -0.006 min

Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tgt Ion: 43 Resp: 167930

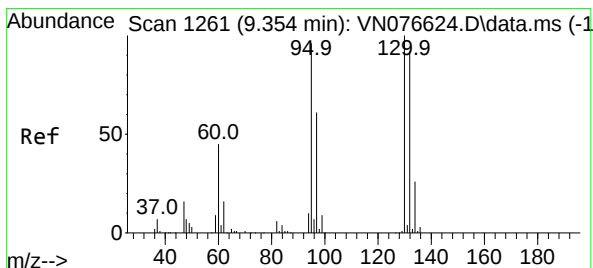
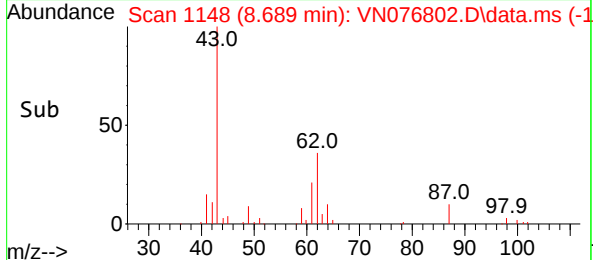
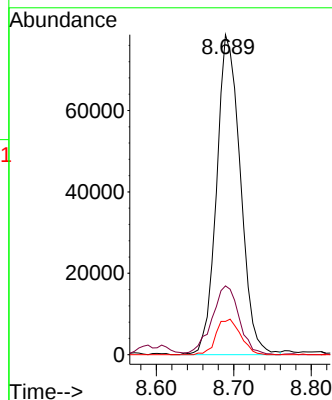
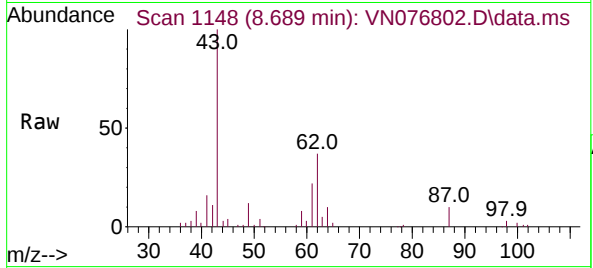
Ion	Ratio	Lower	Upper
43	100		
61	24.6	20.0	30.0
87	11.3	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#44

Trichloroethene

Concen: 17.844 ug/l

RT: 9.360 min Scan# 1262

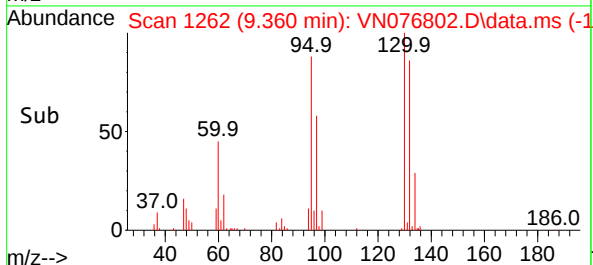
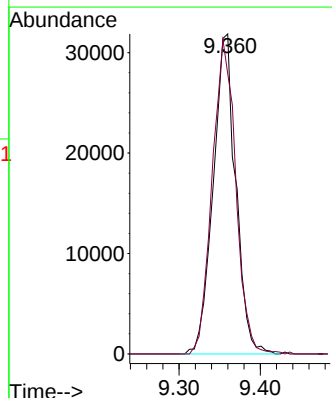
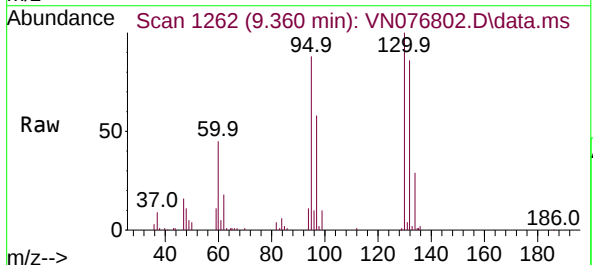
Delta R.T. 0.006 min

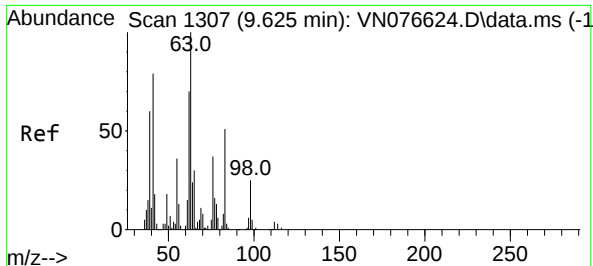
Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

Tgt Ion:130 Resp: 61480

Ion	Ratio	Lower	Upper
130	100		
95	87.6	0.0	191.4





#45

1,2-Dichloropropane

Concen: 20.141 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tgt Ion: 63 Resp: 77734

Ion Ratio Lower Upper

63 100

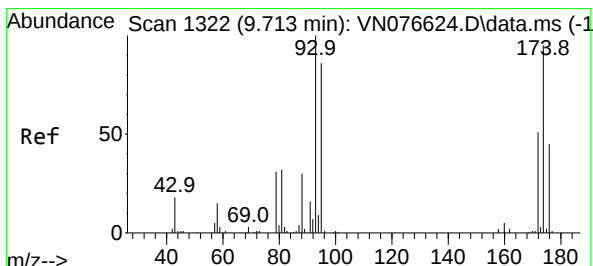
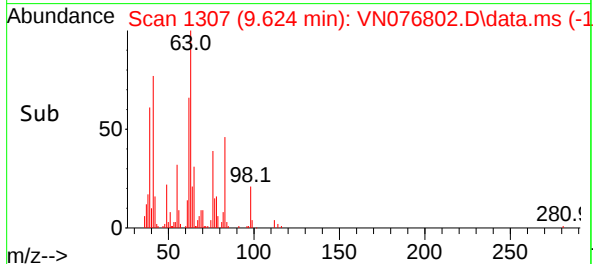
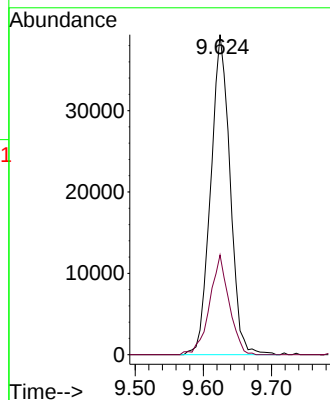
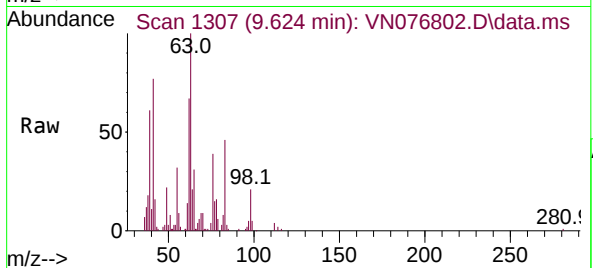
65 31.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#46

Dibromomethane

Concen: 19.658 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

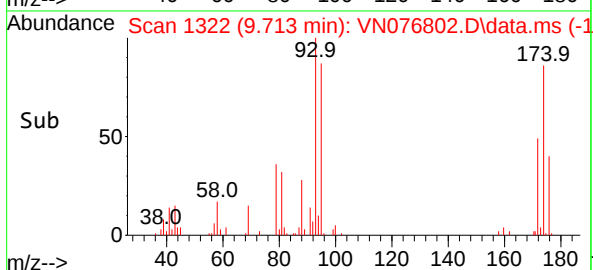
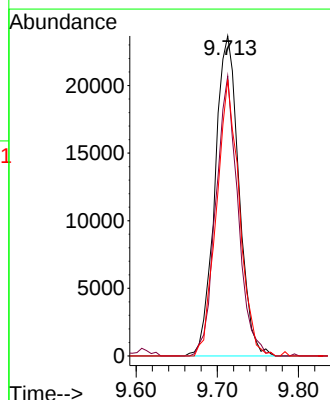
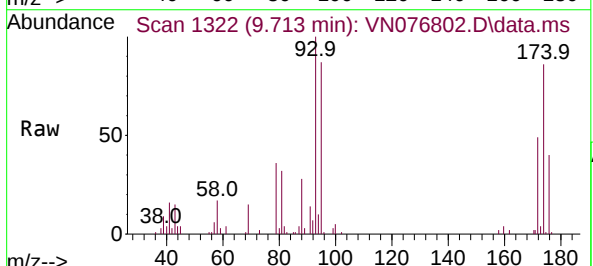
Tgt Ion: 93 Resp: 48504

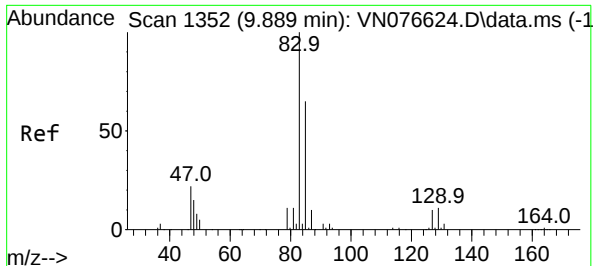
Ion Ratio Lower Upper

93 100

95 81.0 66.0 99.0

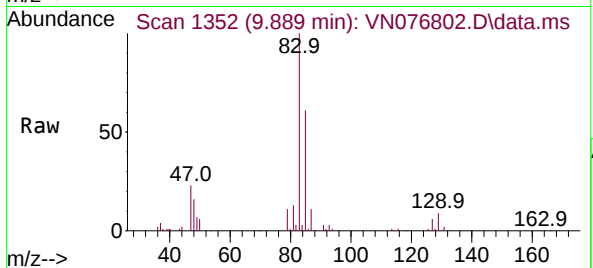
174 82.3 75.8 113.8





#47
Bromodichloromethane
Concen: 19.610 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

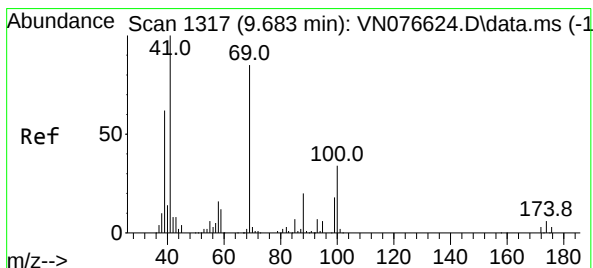
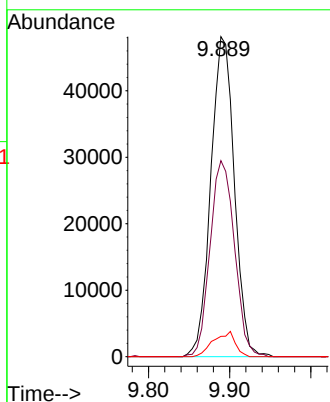
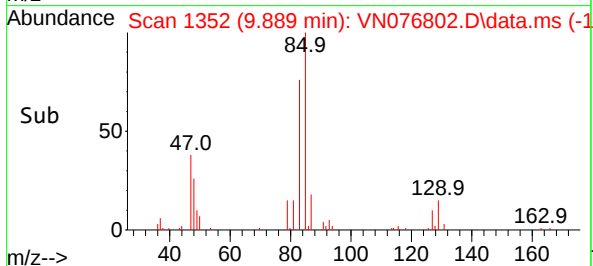
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 83 Resp: 97010
Ion Ratio Lower Upper
83 100
85 61.2 51.8 77.6
127 6.3 7.9 11.9

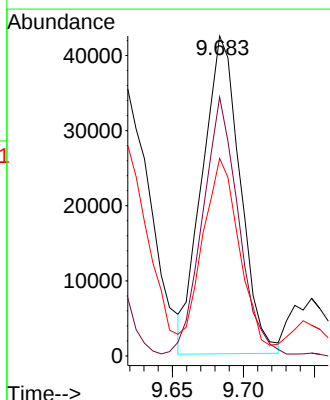
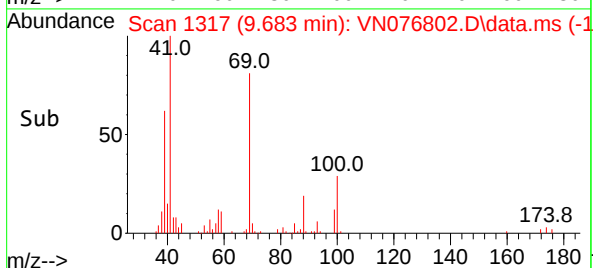
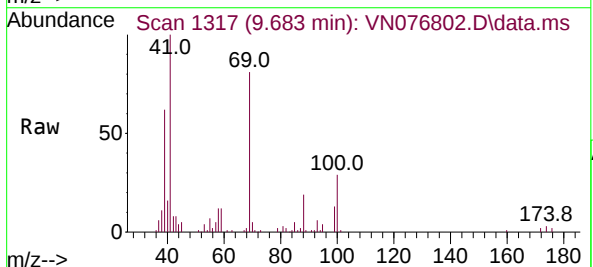
Manual Integrations
APPROVED

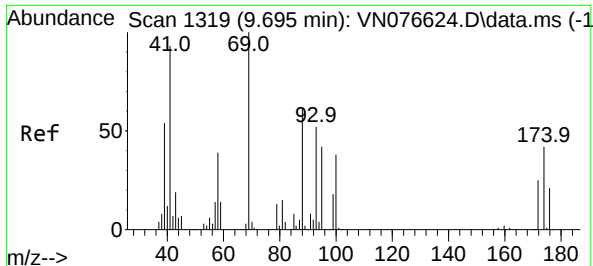
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#48
Methyl methacrylate
Concen: 20.374 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Tgt Ion: 41 Resp: 78583
Ion Ratio Lower Upper
41 100
69 76.2 65.4 98.0
39 61.2 49.3 73.9





#49

1,4-Dioxane

Concen: 406.713 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tgt Ion: 88 Resp: 27130

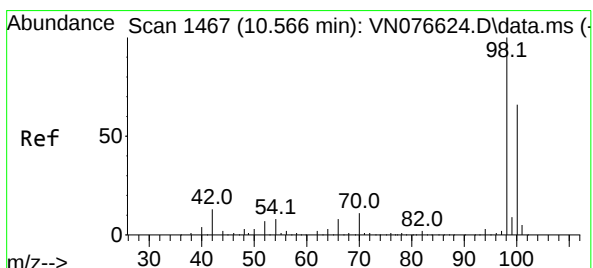
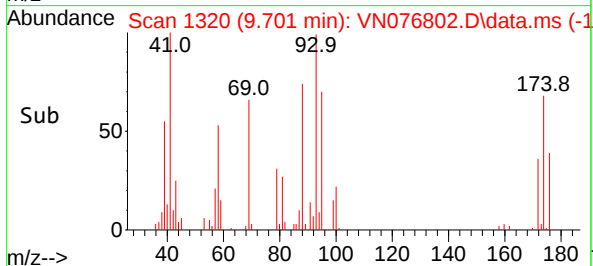
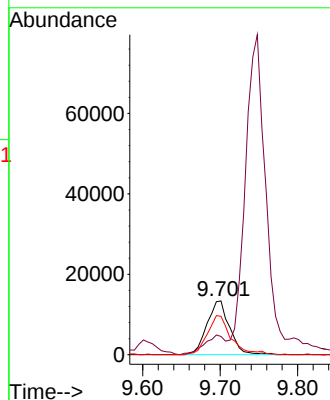
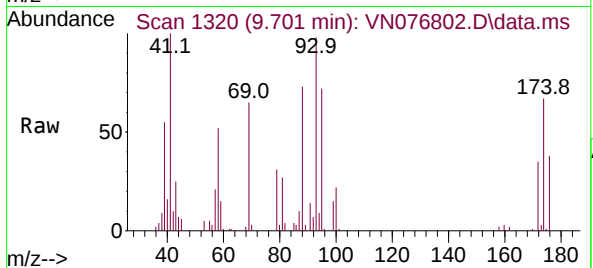
Ion	Ratio	Lower	Upper
88	100		
43	32.8	22.6	33.8
58	76.4	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#50

Toluene-d8

Concen: 45.234 ug/l

RT: 10.571 min Scan# 1468

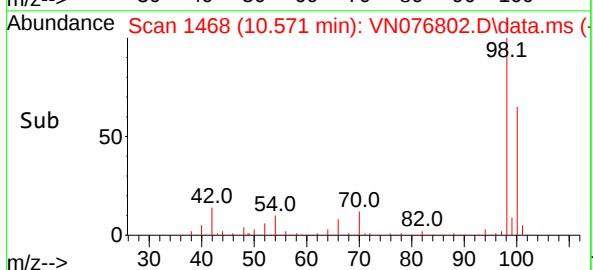
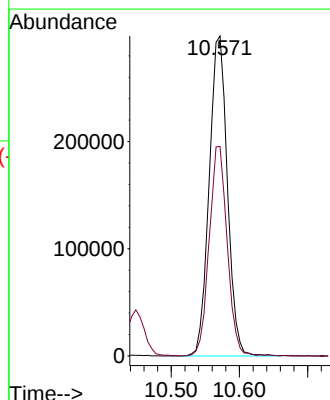
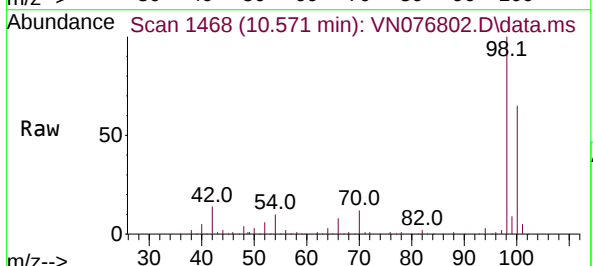
Delta R.T. 0.005 min

Lab File: VN076802.D

Acq: 24 Feb 2023 12:04

Tgt Ion: 98 Resp: 555093

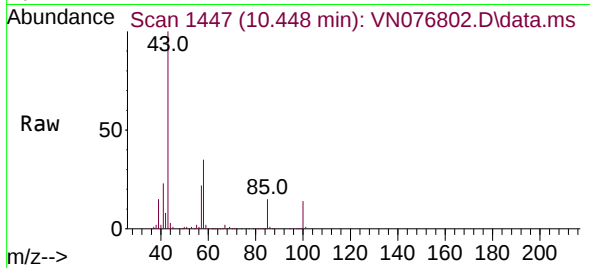
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.9	79.3





#51
4-Methyl-2-Pentanone
Concen: 106.205 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

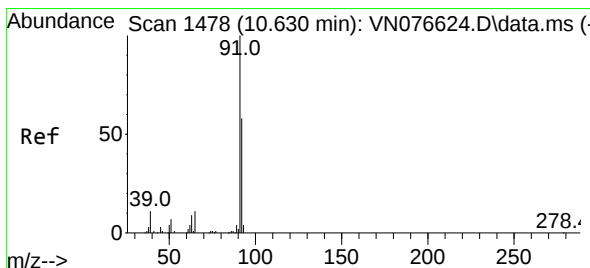
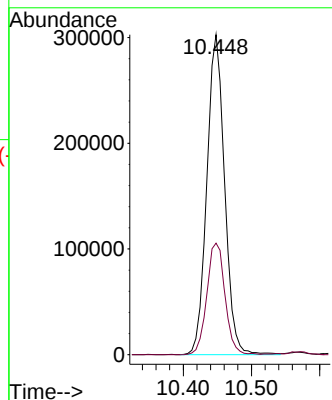
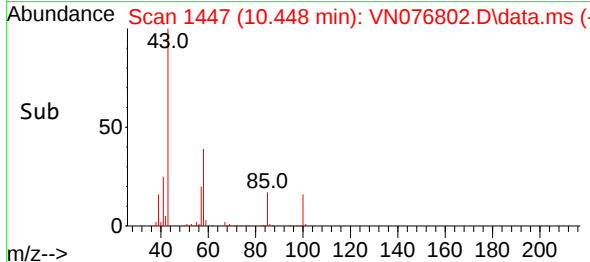
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



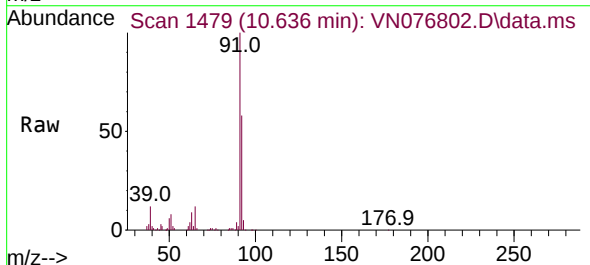
Tgt Ion: 43 Resp: 54925
Ion Ratio Lower Upper
43 100
58 35.6 29.5 44.3

Manual Integrations
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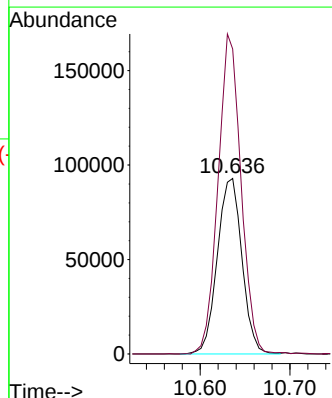
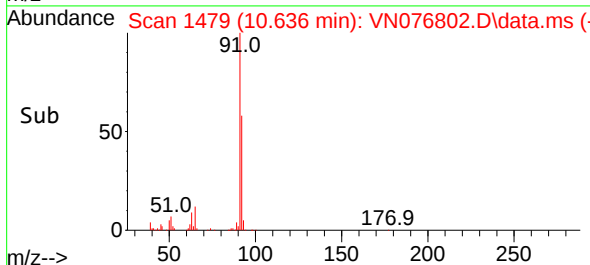
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

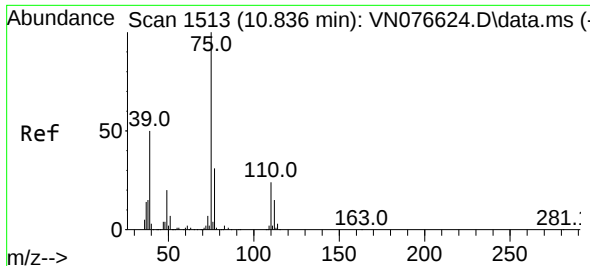


#52
Toluene
Concen: 20.112 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04



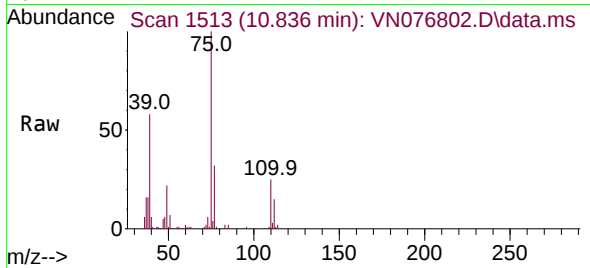
Tgt Ion: 92 Resp: 177032
Ion Ratio Lower Upper
92 100
91 170.5 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 19.633 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

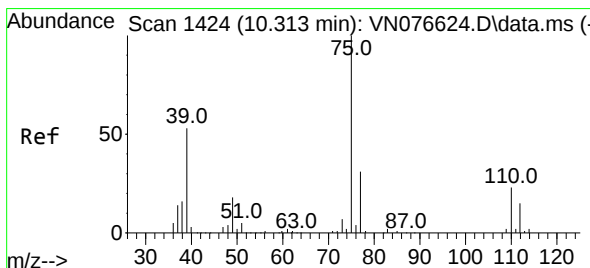
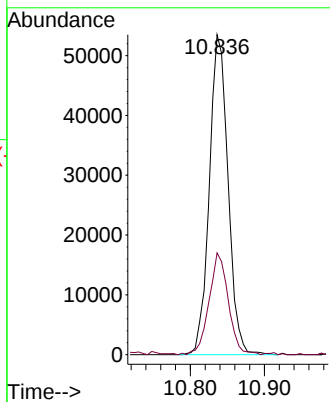
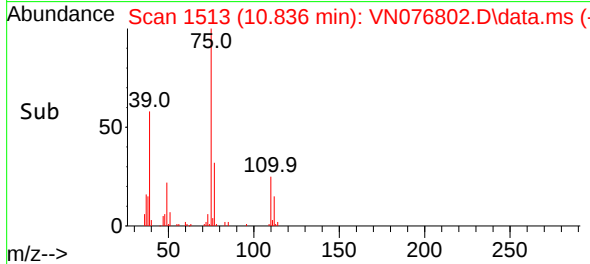
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



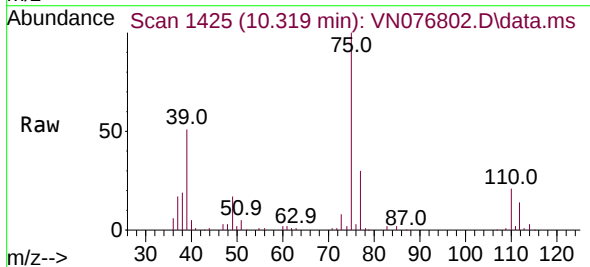
Tgt Ion: 75 Resp: 93745
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0

Manual Integrations
APPROVED

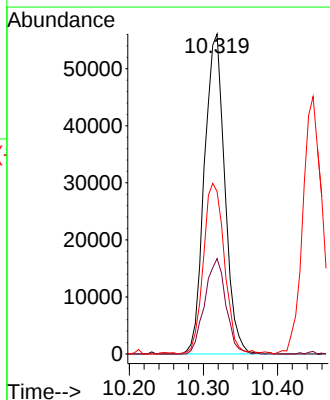
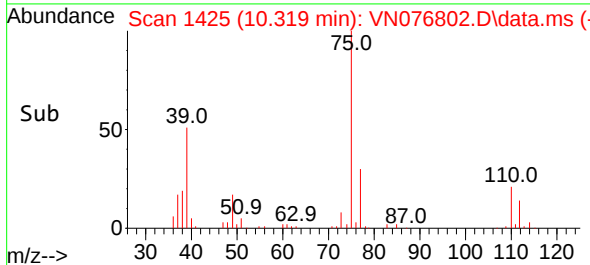
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

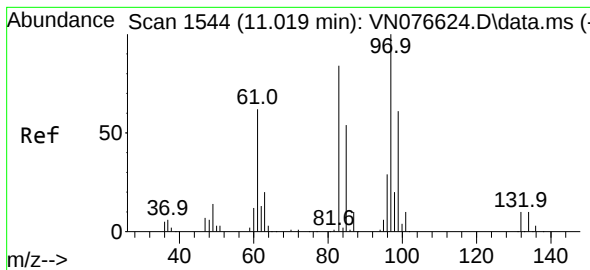


#54
cis-1,3-Dichloropropene
Concen: 19.456 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04



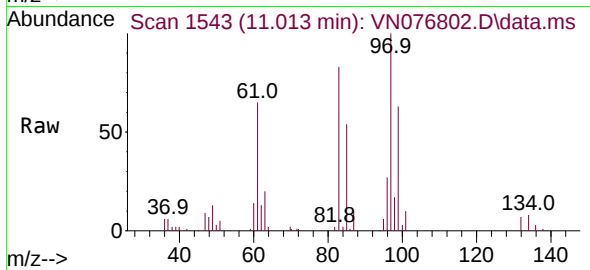
Tgt Ion: 75 Resp: 107156
Ion Ratio Lower Upper
75 100
77 29.8 25.1 37.7
39 50.8 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 18.806 ug/l
RT: 11.013 min Scan# 1544
Delta R.T. -0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

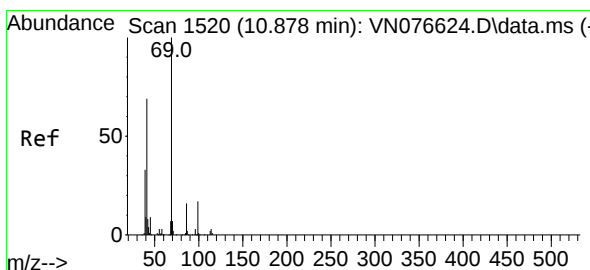
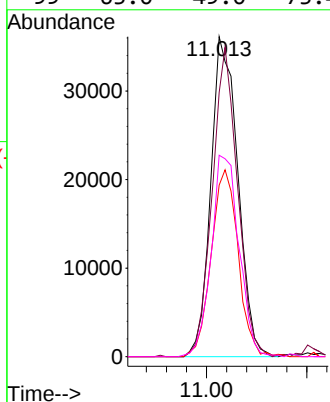
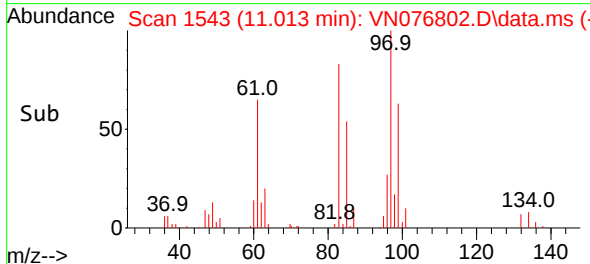
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 97 Resp: 67312
Ion Ratio Lower Upper
97 100
83 82.5 67.3 100.9
85 53.6 43.2 64.8
99 63.0 49.0 73.4

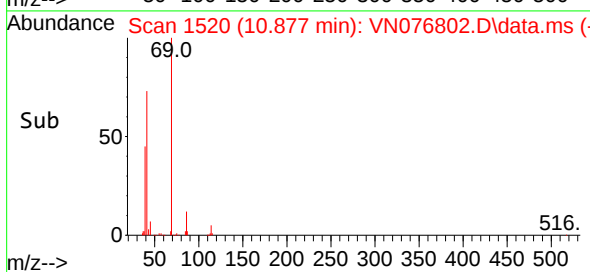
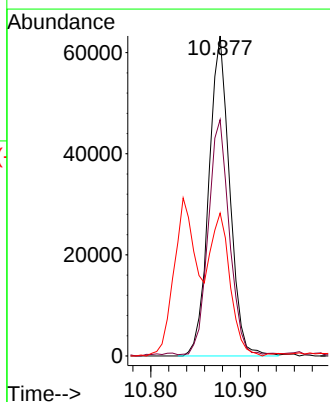
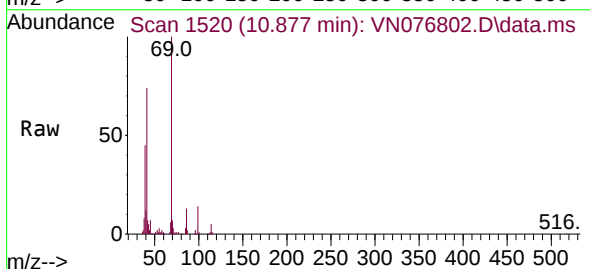
Manual Integrations
APPROVED

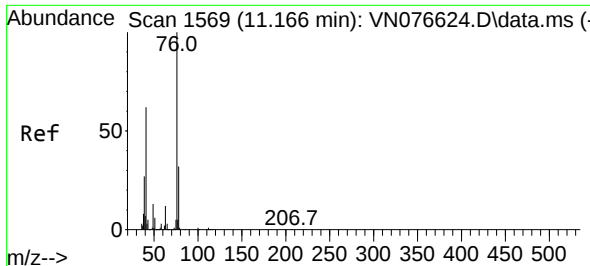
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#56
Ethyl methacrylate
Concen: 20.293 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

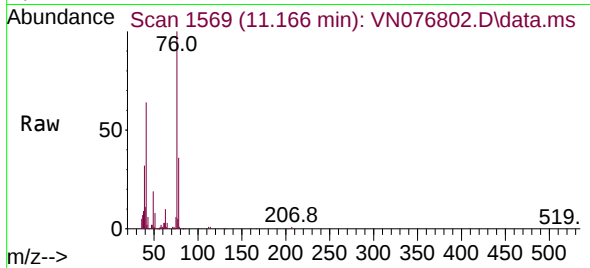
Tgt Ion: 69 Resp: 102242
Ion Ratio Lower Upper
69 100
41 73.9 55.1 82.7
39 42.5 30.7 46.1





#57
1,3-Dichloropropane
Concen: 19.932 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

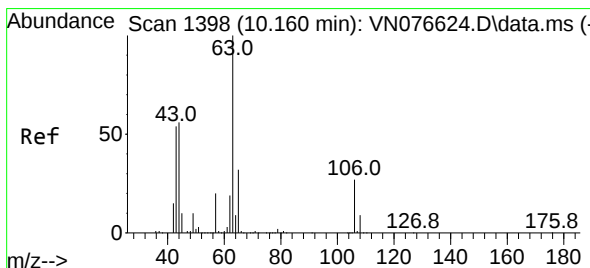
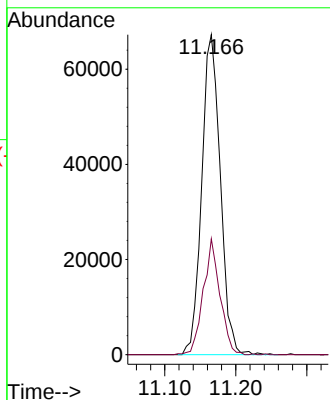
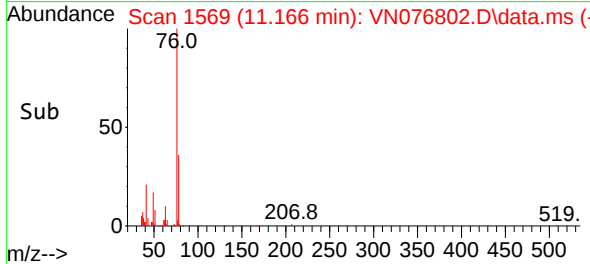
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 76 Resp: 122569
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

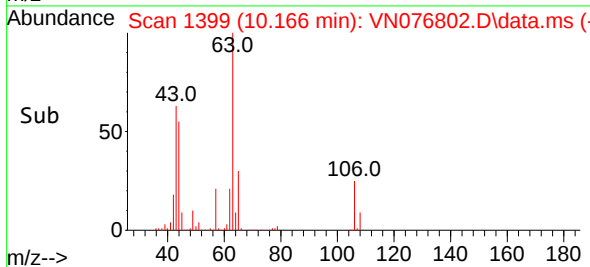
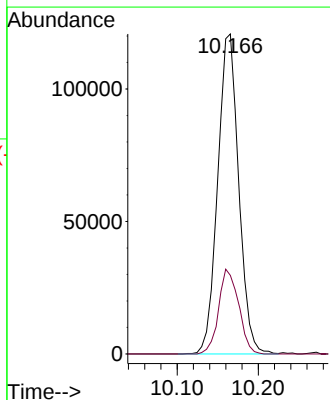
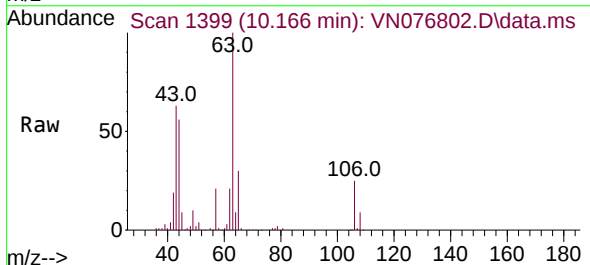
Manual Integrations
APPROVED

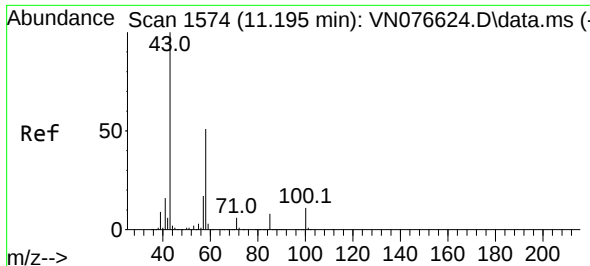
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#58
2-Chloroethyl Vinyl ether
Concen: 94.170 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

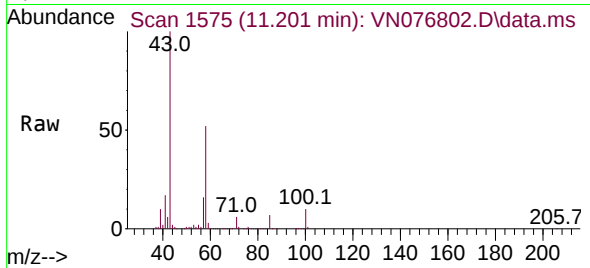
Tgt Ion: 63 Resp: 217286
Ion Ratio Lower Upper
63 100
106 25.3 22.3 33.5





#59
2-Hexanone
Concen: 108.207 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

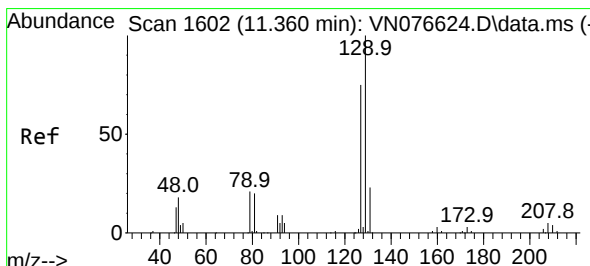
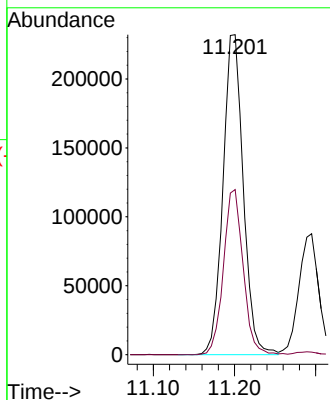
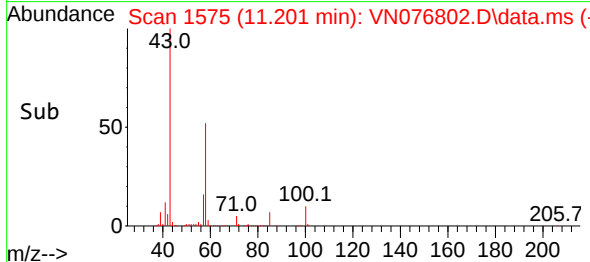
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 43 Resp: 403492
Ion Ratio Lower Upper
43 100
58 50.1 25.4 76.0

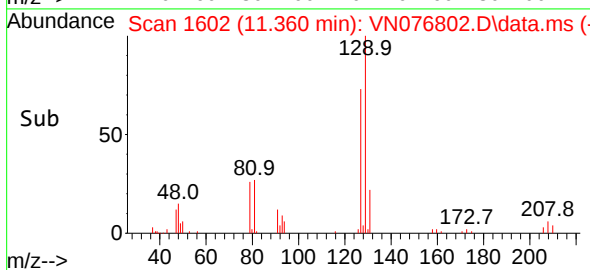
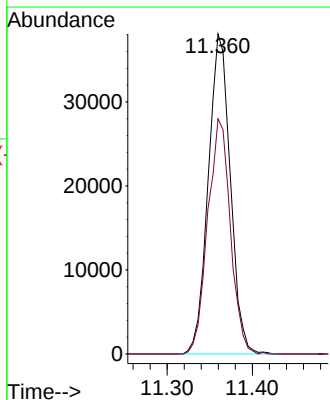
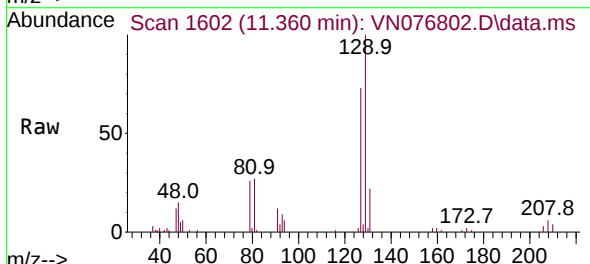
Manual Integrations
APPROVED

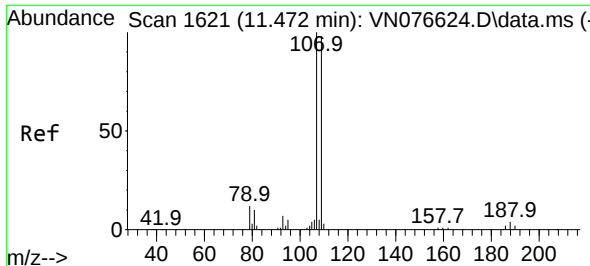
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#60
Dibromochloromethane
Concen: 18.128 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Tgt Ion:129 Resp: 68385
Ion Ratio Lower Upper
129 100
127 75.3 38.8 116.4





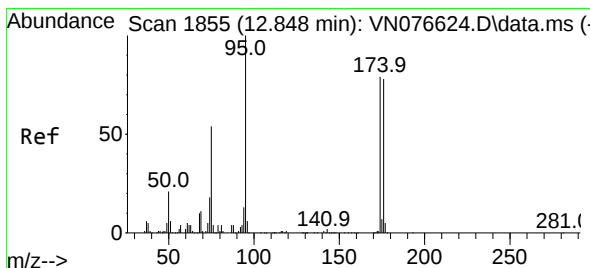
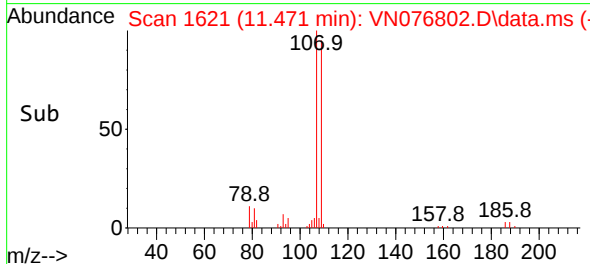
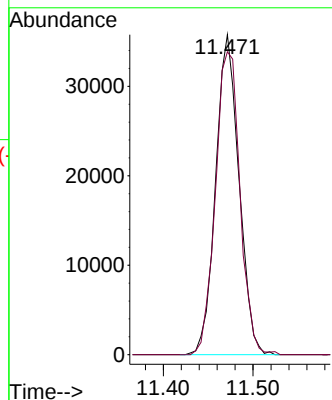
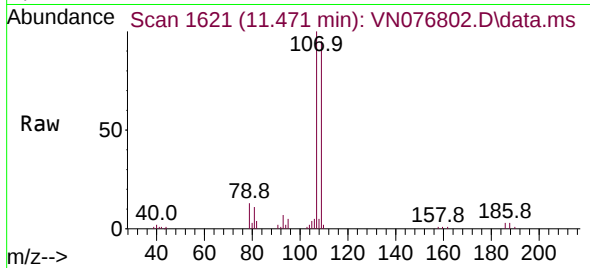
#61
1,2-Dibromoethane
Concen: 18.036 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion:107 Resp: 64619
Ion Ratio Lower Upper
107 100
109 99.5 76.8 115.2

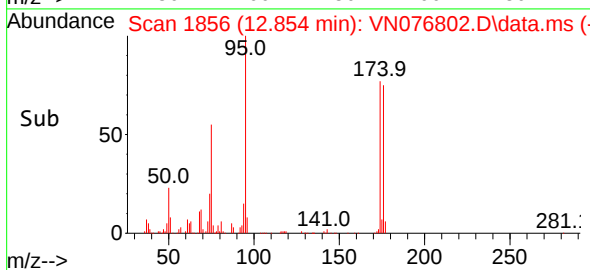
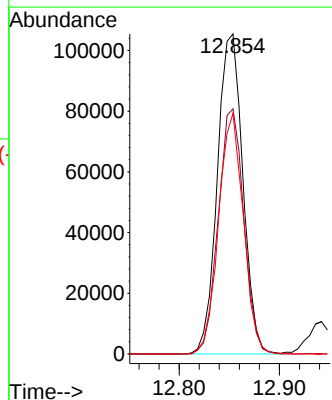
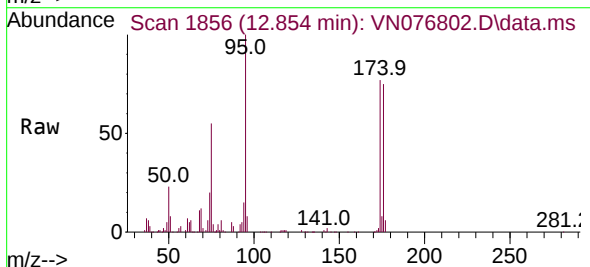
Manual Integrations
APPROVED

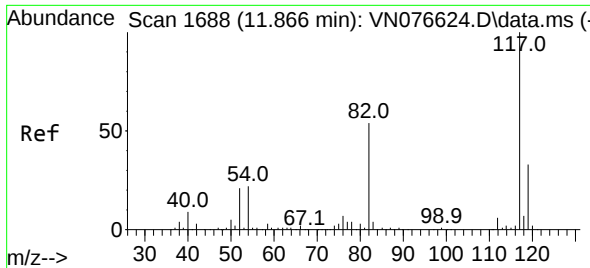
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#62
4-Bromofluorobenzene
Concen: 45.781 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

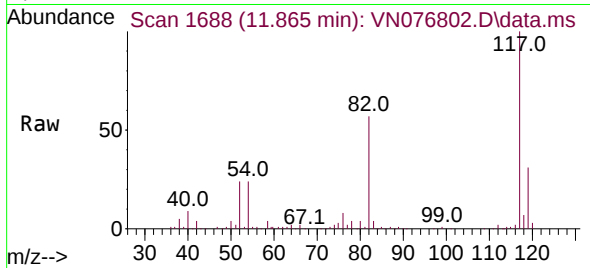
Tgt Ion: 95 Resp: 186073
Ion Ratio Lower Upper
95 100
174 76.6 0.0 169.2
176 73.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

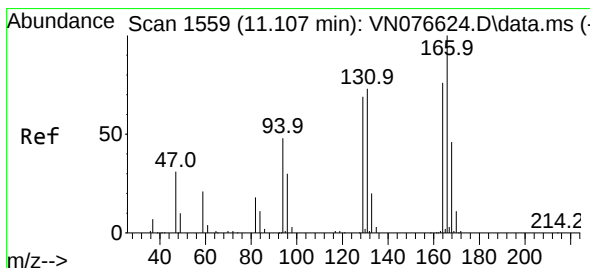
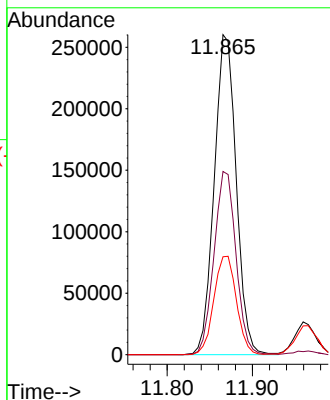
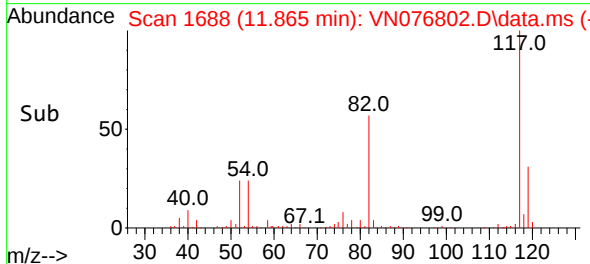
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion:117 Resp: 466782
Ion Ratio Lower Upper
117 100
82 57.2 43.4 65.2
119 30.6 26.1 39.1

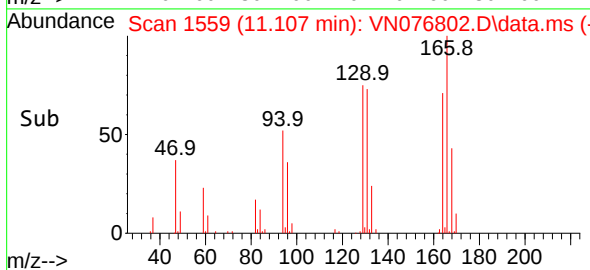
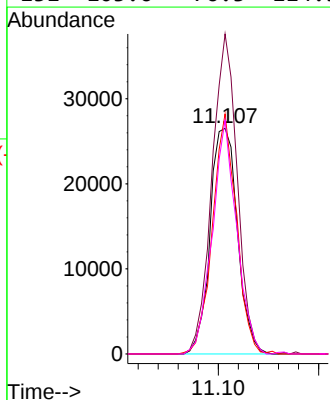
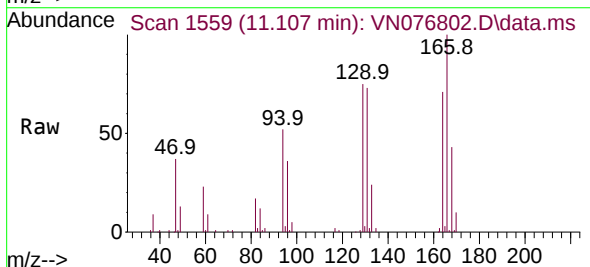
Manual Integrations
APPROVED

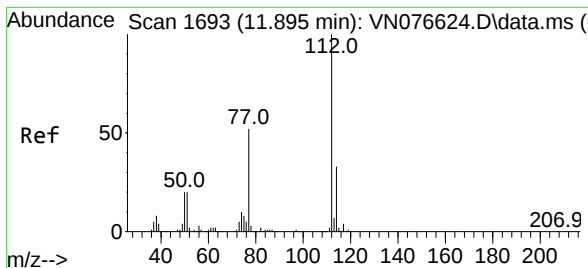
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#64
Tetrachloroethene
Concen: 17.042 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

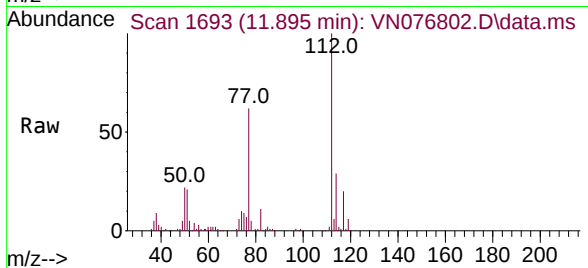
Tgt Ion:164 Resp: 50131
Ion Ratio Lower Upper
164 100
166 141.8 104.8 157.2
129 106.4 72.2 108.2
131 103.6 76.3 114.5





#65
Chlorobenzene
Concen: 18.031 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

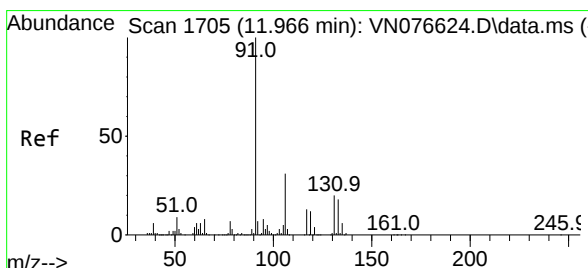
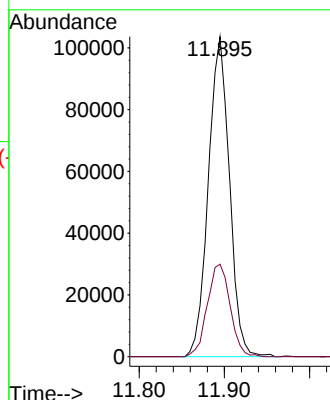
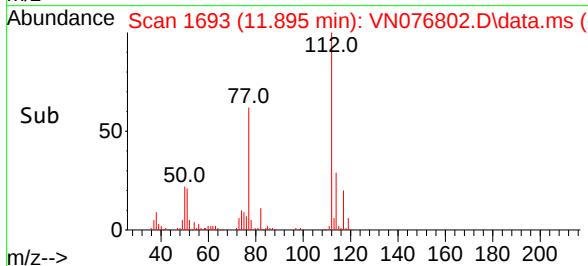
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



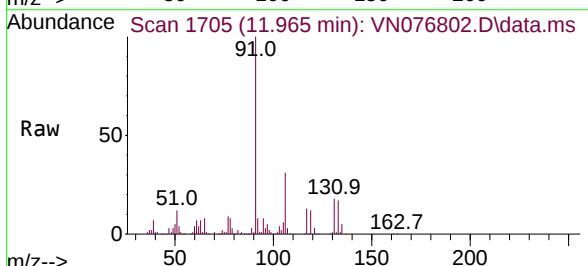
Tgt Ion:112 Resp: 17836
Ion Ratio Lower Upper
112 100
114 28.9 26.4 39.6

Manual Integrations
APPROVED

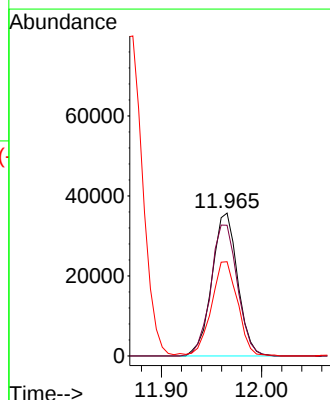
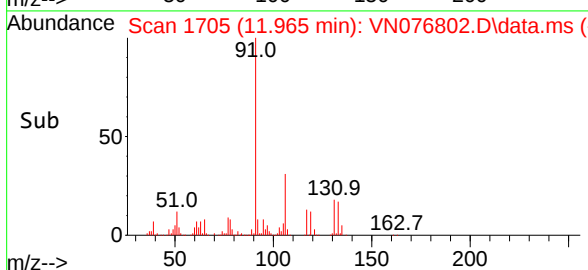
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

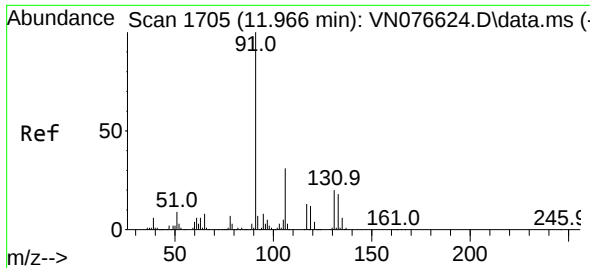


#66
1,1,1,2-Tetrachloroethane
Concen: 17.721 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04



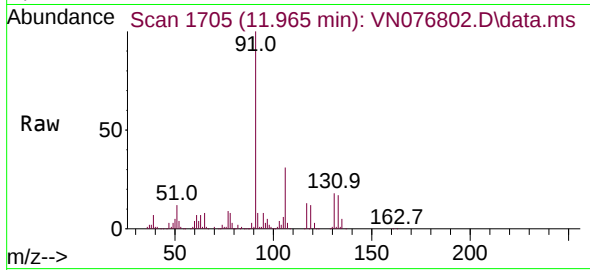
Tgt Ion:131 Resp: 63674
Ion Ratio Lower Upper
131 100
133 95.3 47.0 141.0
119 67.1 32.3 96.8





#67
Ethyl Benzene
Concen: 19.242 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

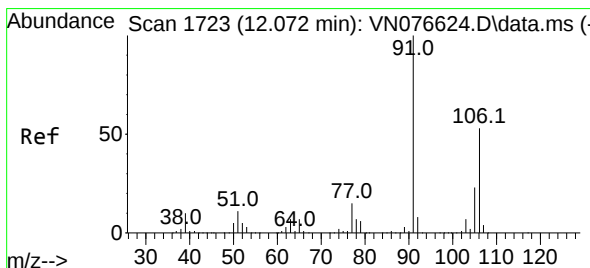
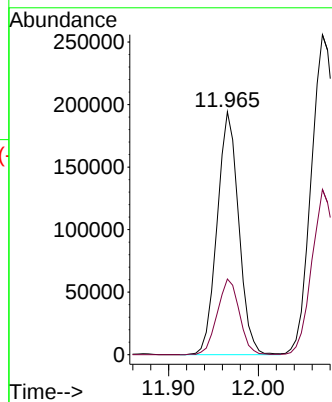
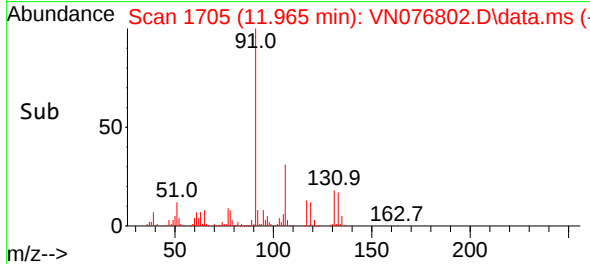
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



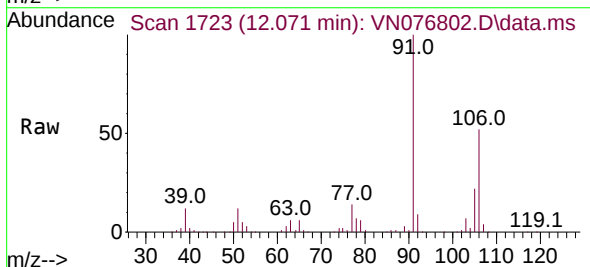
Tgt Ion: 91 Resp: 324290
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7

Manual Integrations
APPROVED

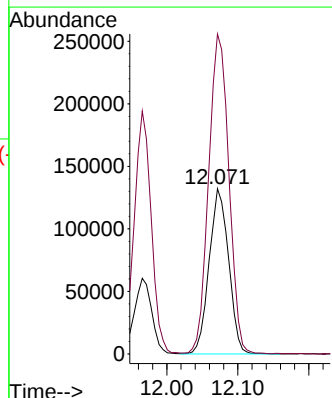
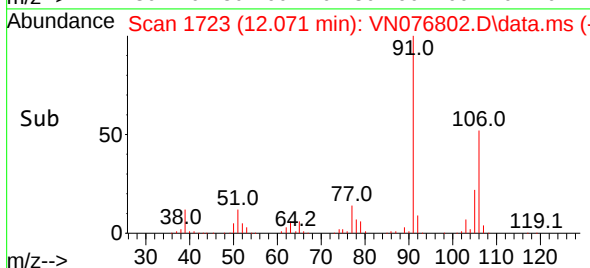
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

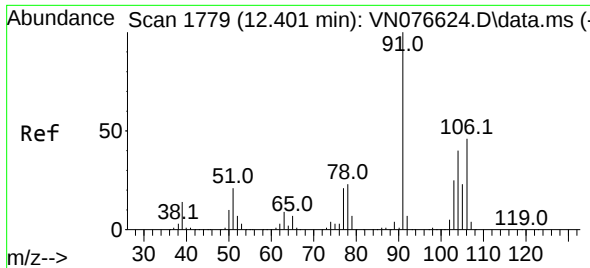


#68
m/p-Xylenes
Concen: 38.763 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04



Tgt Ion:106 Resp: 251812
Ion Ratio Lower Upper
106 100
91 200.9 154.7 232.1





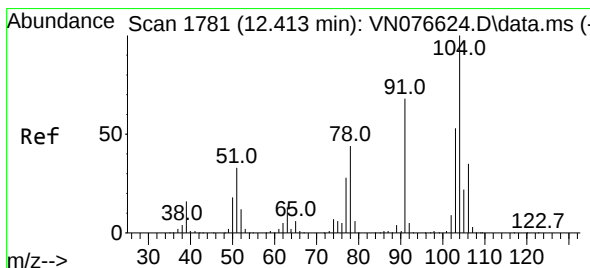
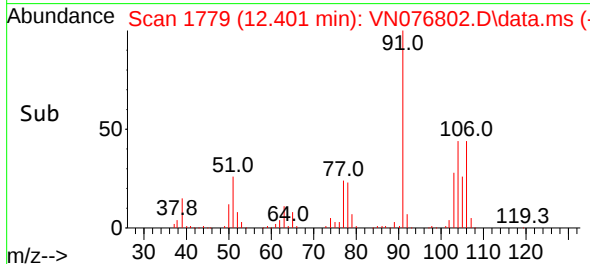
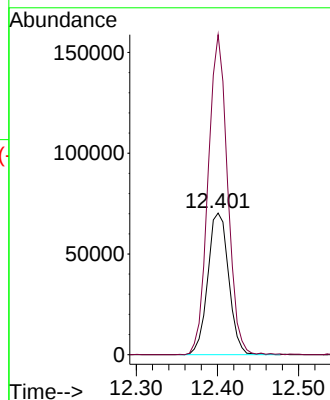
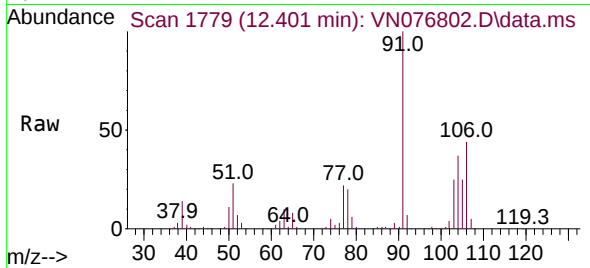
#69
o-Xylene
Concen: 19.822 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion:106 Resp: 125580
Ion Ratio Lower Upper
106 100
91 210.6 105.8 317.4

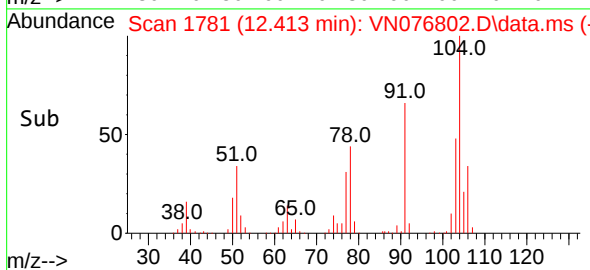
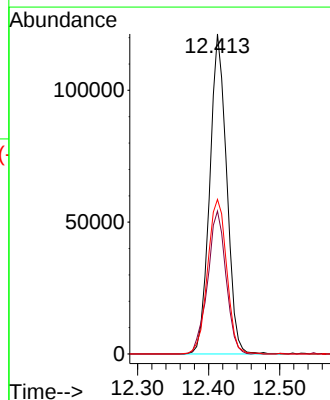
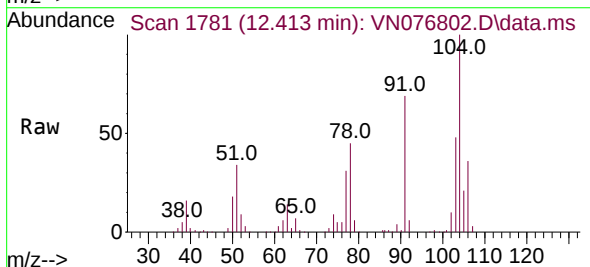
Manual Integrations
APPROVED

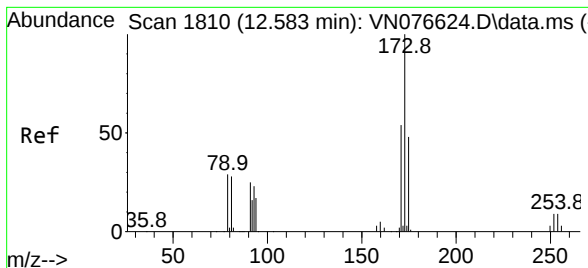
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#70
Styrene
Concen: 19.627 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.001 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

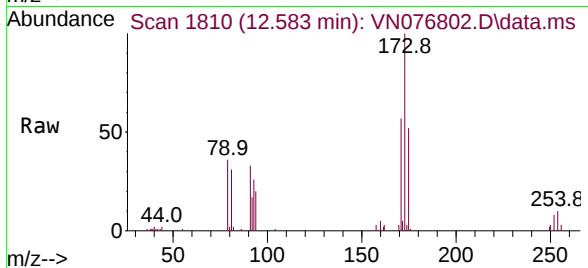
Tgt Ion:104 Resp: 201086
Ion Ratio Lower Upper
104 100
78 48.4 38.2 57.4
103 54.5 44.2 66.4





#71
Bromoform
Concen: 17.795 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

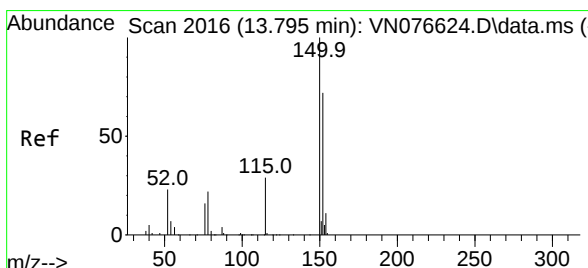
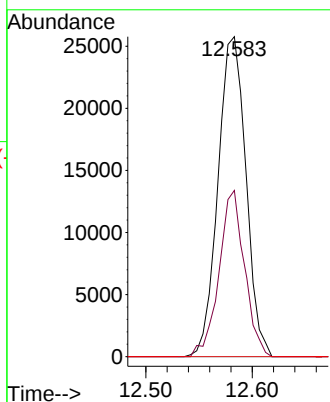
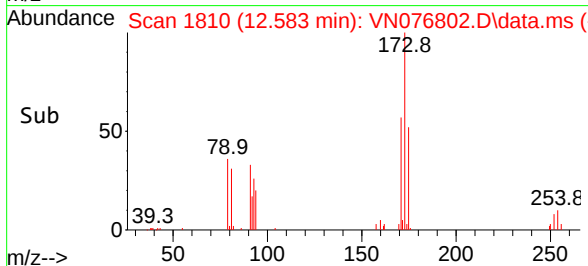
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



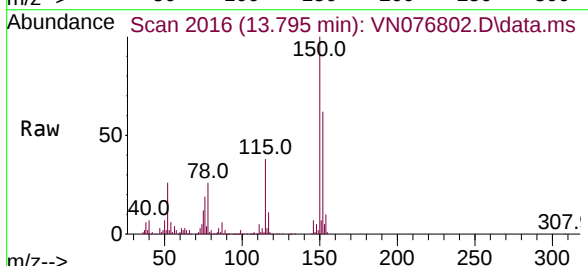
Tgt Ion:173 Resp: 4690
Ion Ratio Lower Upper
173 100
175 47.4 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

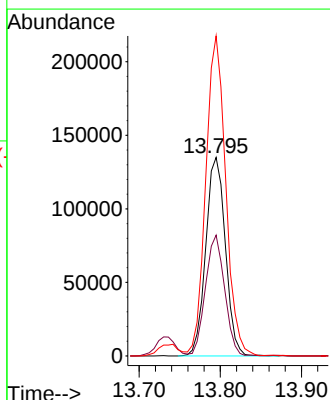
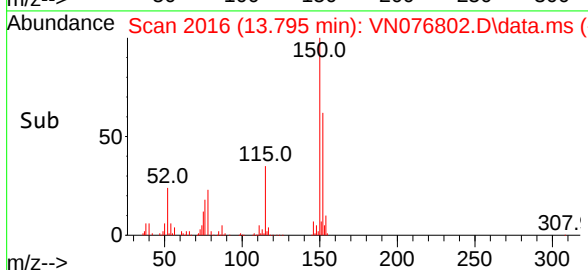
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

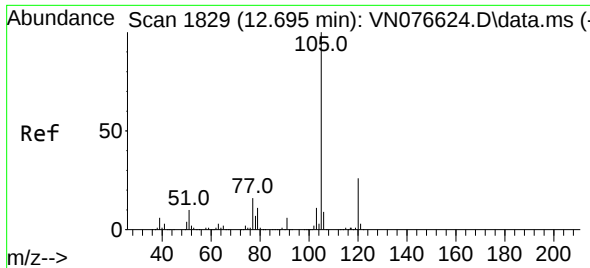


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04



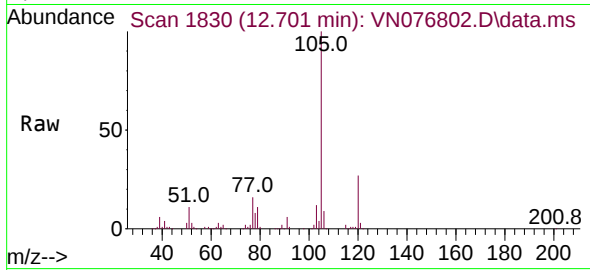
Tgt Ion:152 Resp: 226480
Ion Ratio Lower Upper
152 100
115 59.2 29.3 87.9
150 163.1 0.0 349.8





#73
Isopropylbenzene
Concen: 19.317 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

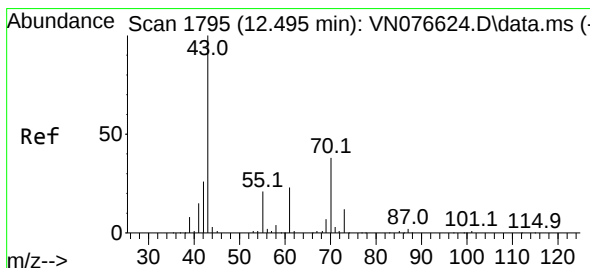
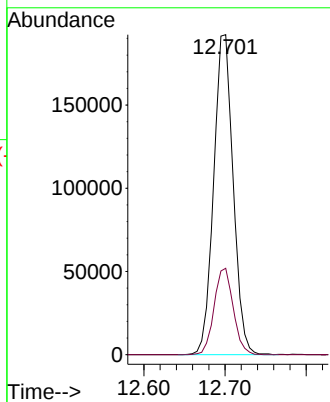
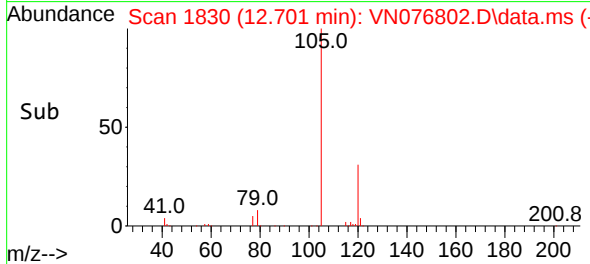
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



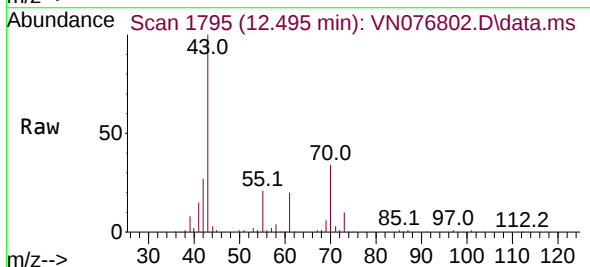
Tgt Ion:105 Resp: 32066
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0

Manual Integrations
APPROVED

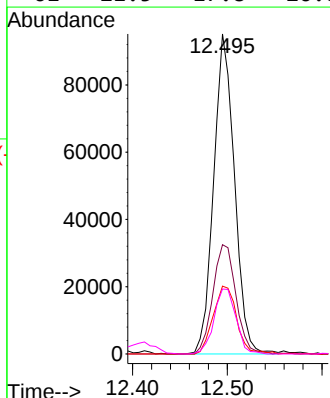
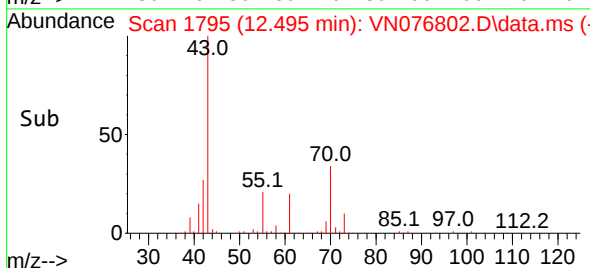
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

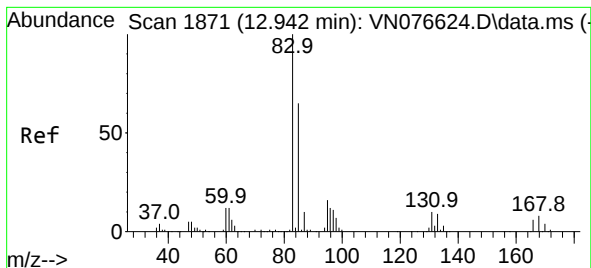


#74
N-ethyl acetate
Concen: 19.431 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04



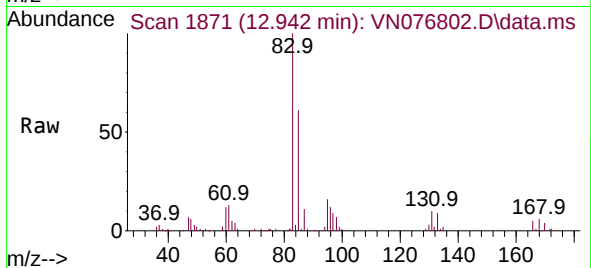
Tgt Ion: 43 Resp: 145391
Ion Ratio Lower Upper
43 100
70 37.8 30.5 45.7
55 24.0 17.8 26.8
61 21.5 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.737 ug/l
RT: 12.942 min Scan# 11258
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

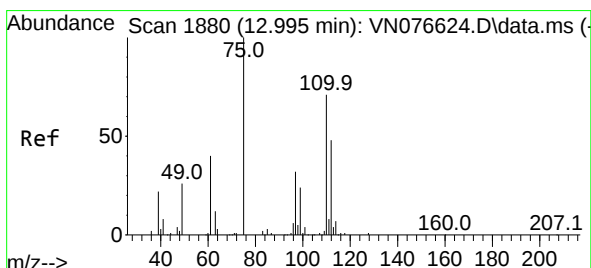
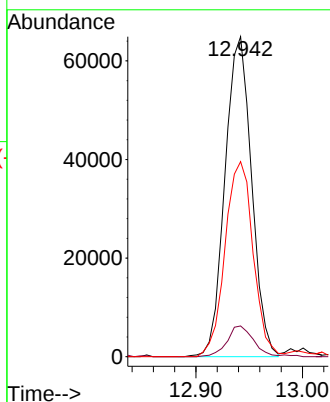
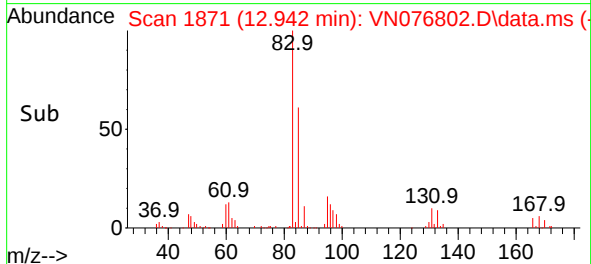
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



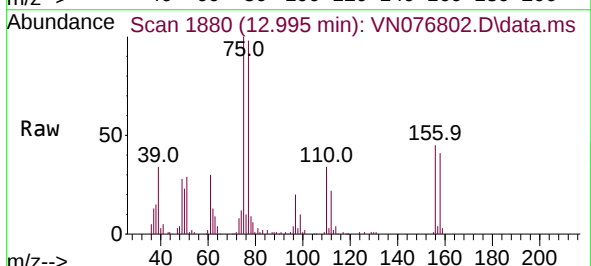
Tgt Ion: 83 Resp: 11258
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 64.4 31.8 95.3

Manual Integrations
APPROVED

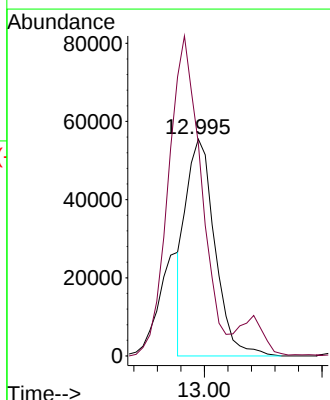
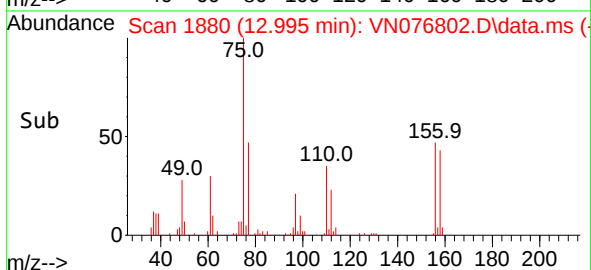
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

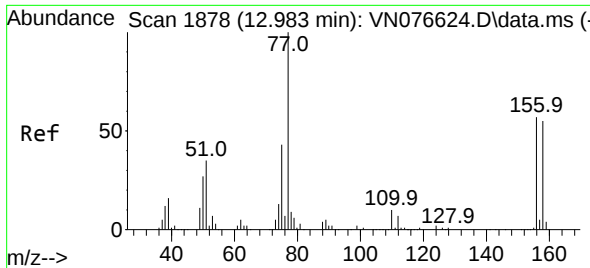


#76
1,2,3-Trichloropropane
Concen: 20.786 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04



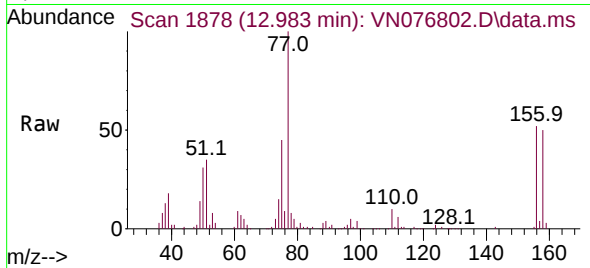
Tgt Ion: 75 Resp: 95175
Ion Ratio Lower Upper
75 100
77 166.3 93.1 279.3





#77
Bromobenzene
Concen: 17.451 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

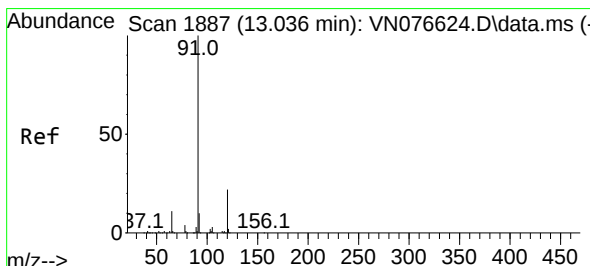
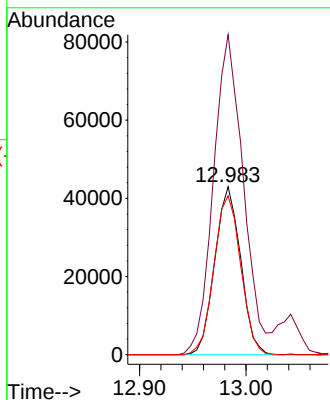
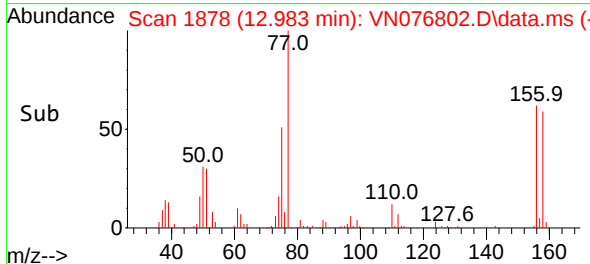
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



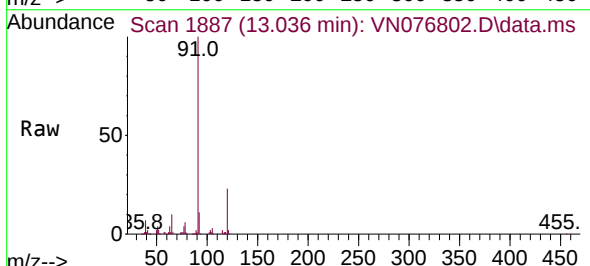
Tgt Ion:156 Resp: 72270
Ion Ratio Lower Upper
156 100
77 218.9 102.8 308.4
158 98.3 48.9 146.6

Manual Integrations
APPROVED

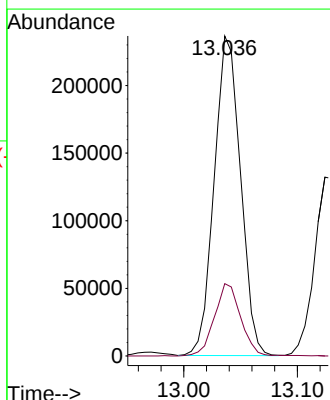
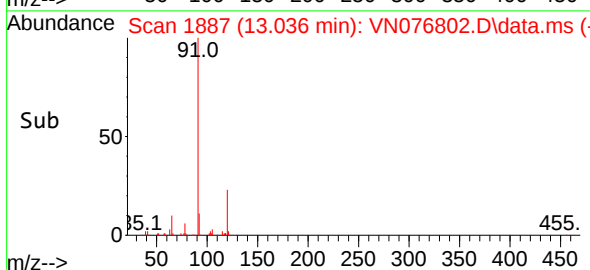
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

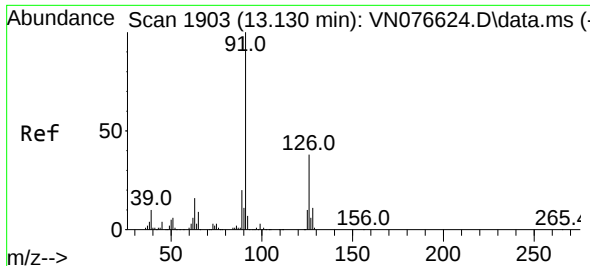


#78
n-propylbenzene
Concen: 19.520 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04



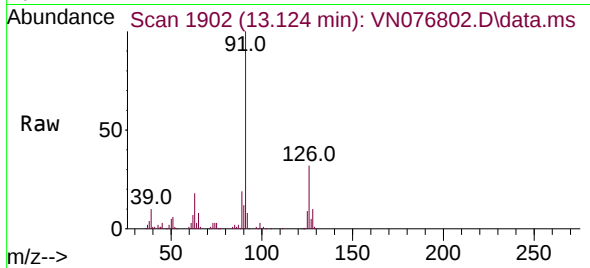
Tgt Ion: 91 Resp: 380499
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5





#79
2-Chlorotoluene
Concen: 19.148 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

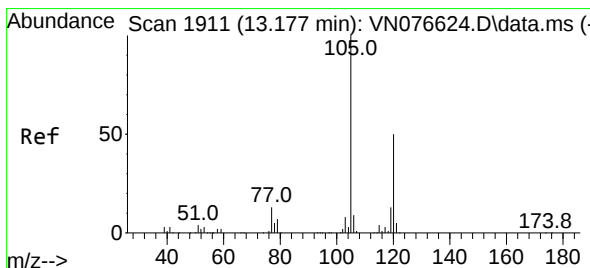
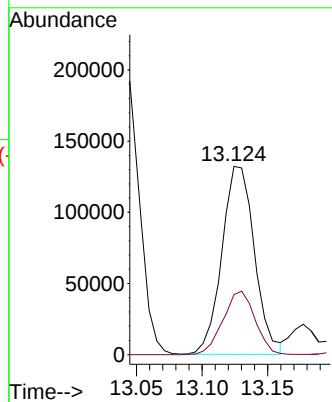
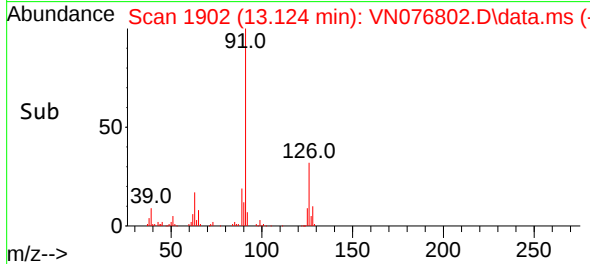
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 91 Resp: 228539
Ion Ratio Lower Upper
91 100
126 33.3 17.7 53.1

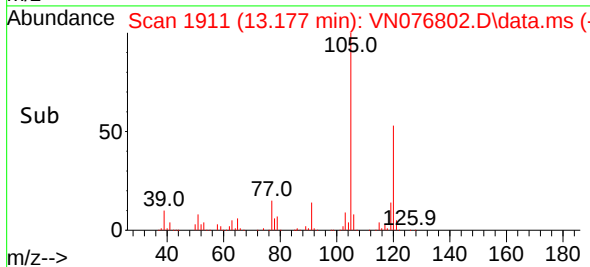
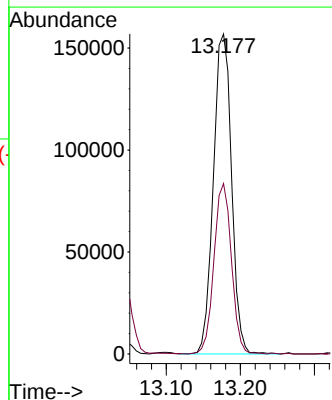
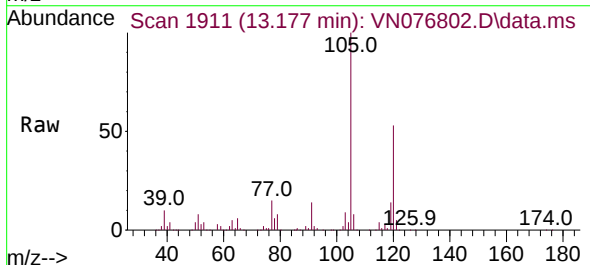
Manual Integrations
APPROVED

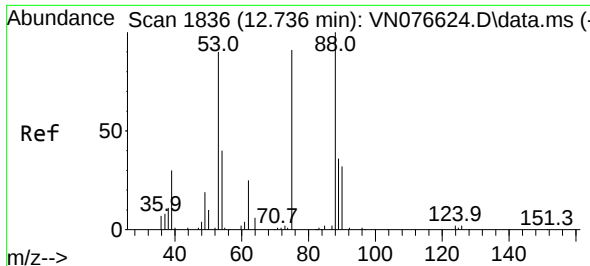
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.475 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

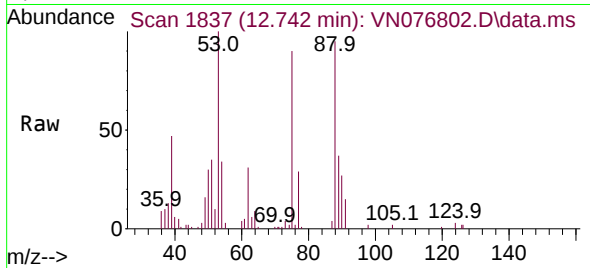
Tgt Ion:105 Resp: 267176
Ion Ratio Lower Upper
105 100
120 51.3 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.805 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

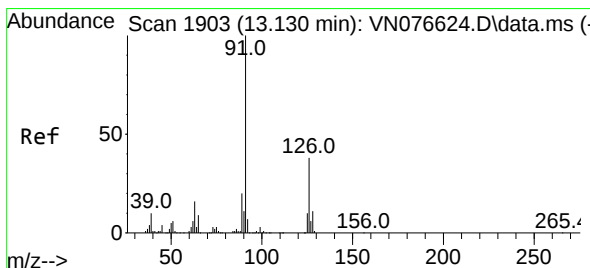
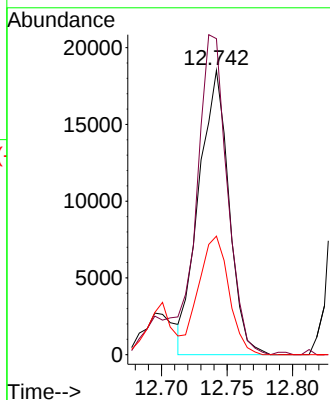
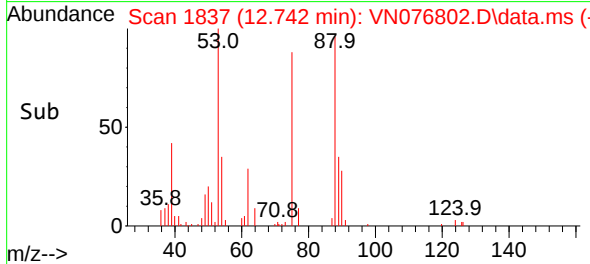
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion: 75 Resp: 2956
Ion Ratio Lower Upper
75 100
53 126.2 92.1 138.1
89 42.5 37.5 56.3

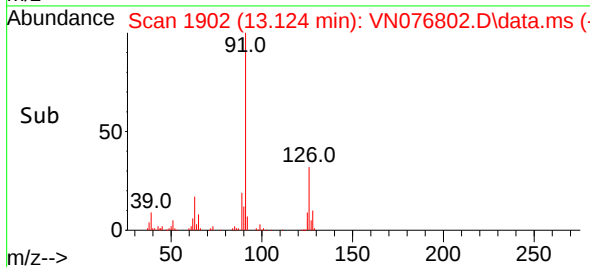
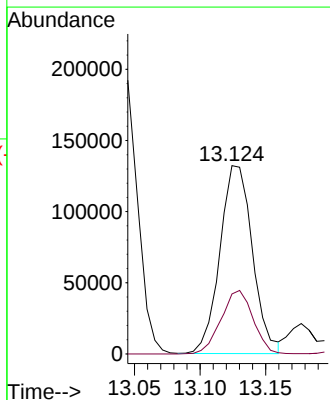
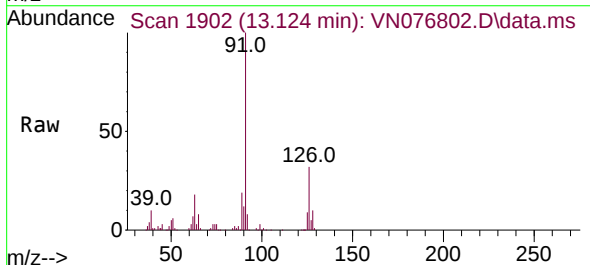
Manual Integrations
APPROVED

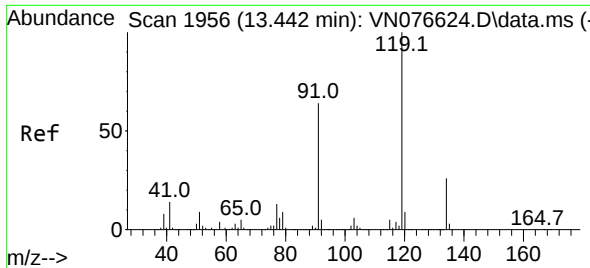
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#82
4-Chlorotoluene
Concen: 19.148 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Tgt Ion: 91 Resp: 228539
Ion Ratio Lower Upper
91 100
126 33.3 17.7 53.1





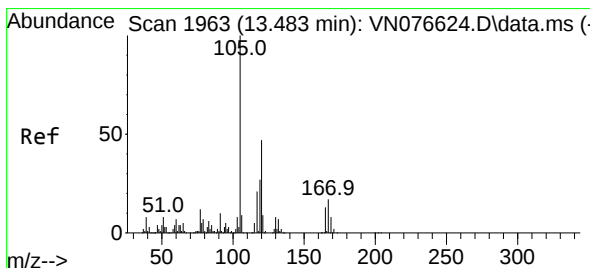
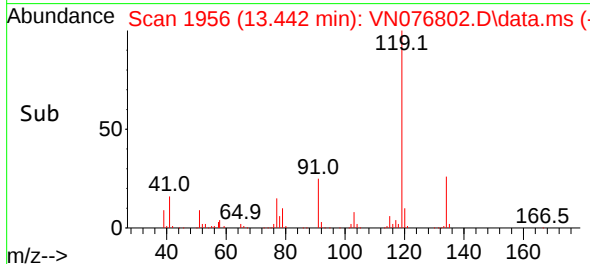
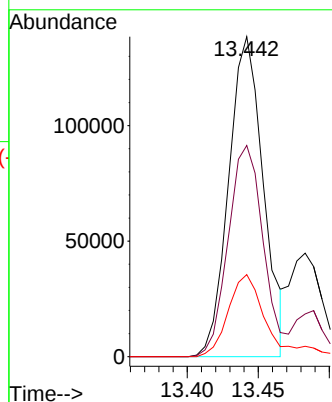
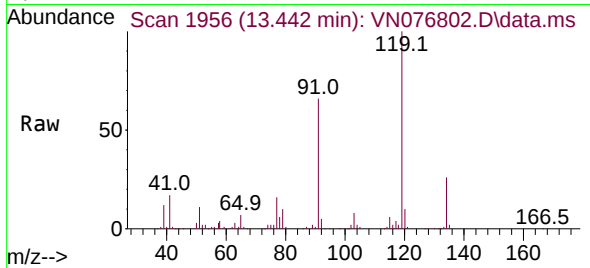
#83
tert-Butylbenzene
Concen: 18.935 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion:119 Resp: 235000
Ion Ratio Lower Upper
119 100
91 67.5 32.0 96.2
134 28.1 13.8 41.4

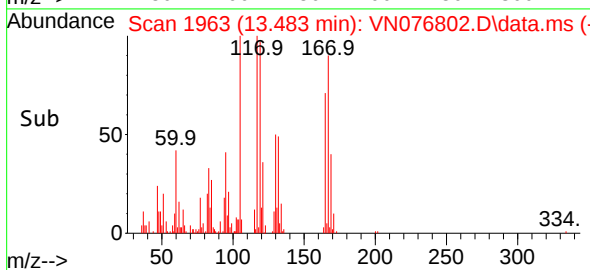
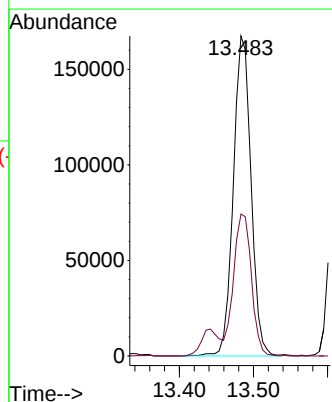
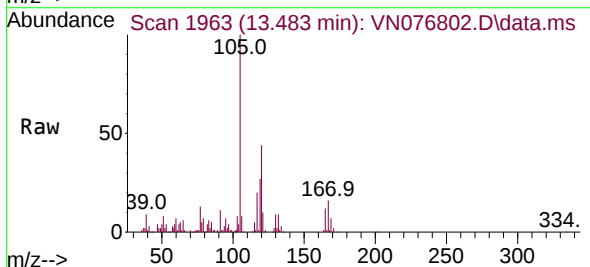
Manual Integrations
APPROVED

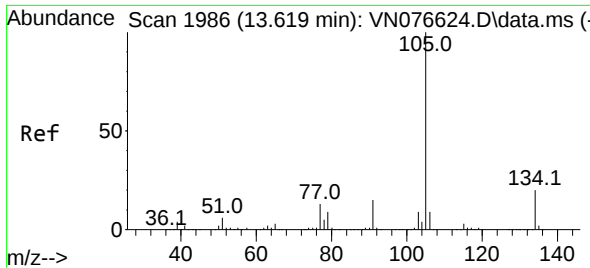
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.265 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

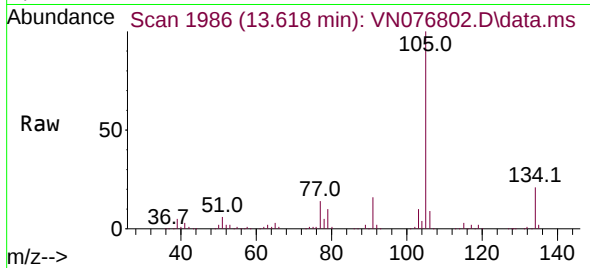
Tgt Ion:105 Resp: 277081
Ion Ratio Lower Upper
105 100
120 44.7 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 19.915 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076802.D
 Acq: 24 Feb 2023 12:04

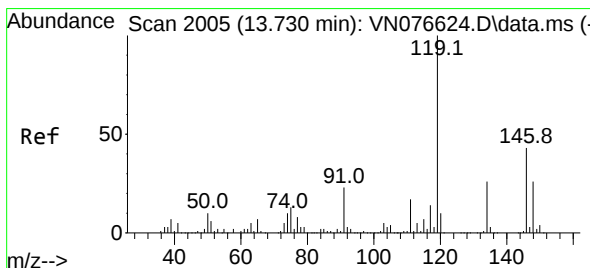
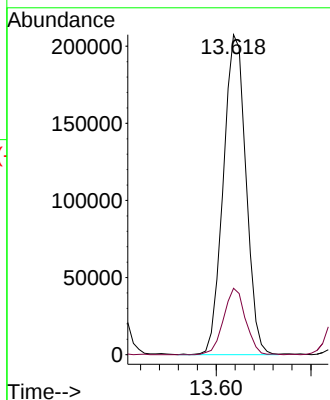
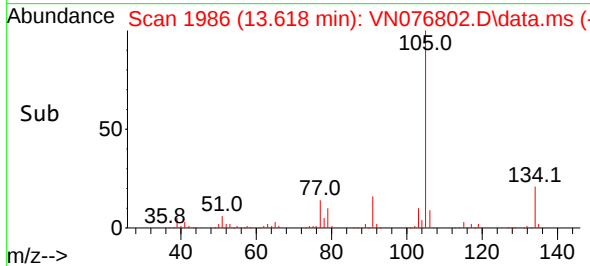
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01



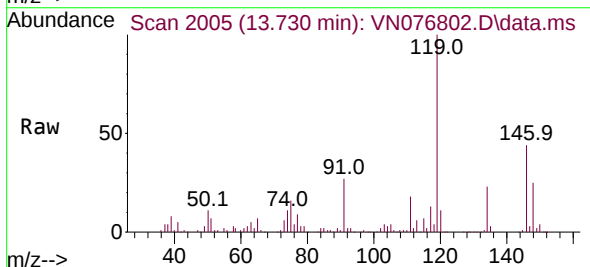
Tgt Ion:105 Resp: 345070
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.5 31.5

Manual Integrations
 APPROVED

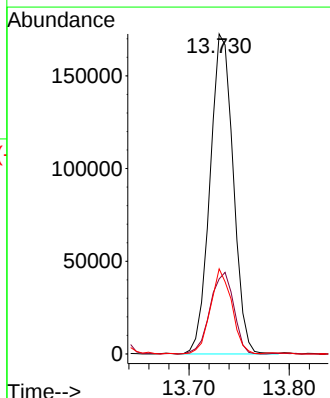
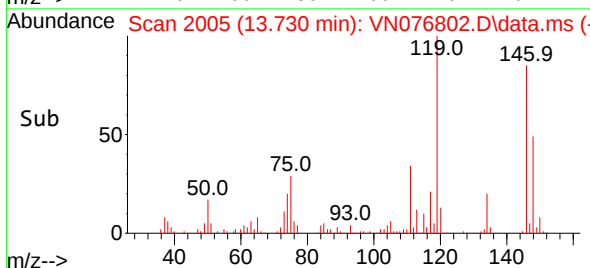
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023

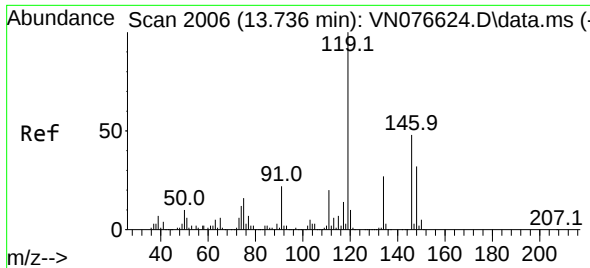


#86
 p-Isopropyltoluene
 Concen: 20.035 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076802.D
 Acq: 24 Feb 2023 12:04



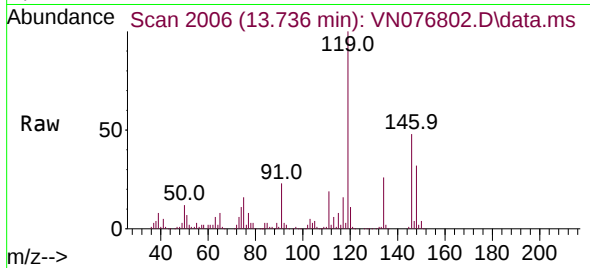
Tgt Ion:119 Resp: 277206
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.4 40.1
 91 24.5 11.7 35.0





#87
 1,3-Dichlorobenzene
 Concen: 18.202 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN076802.D
 Acq: 24 Feb 2023 12:04

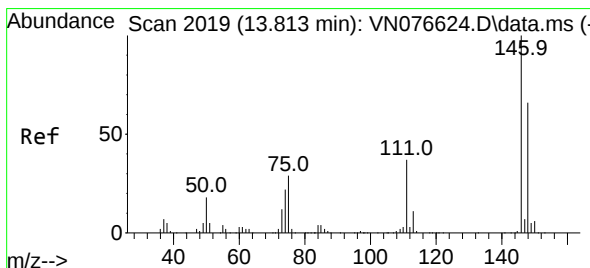
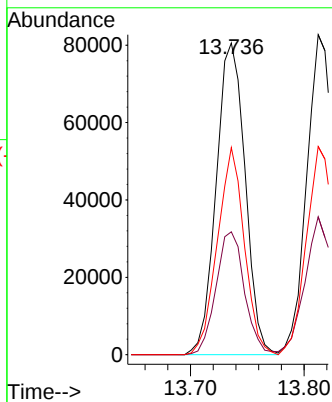
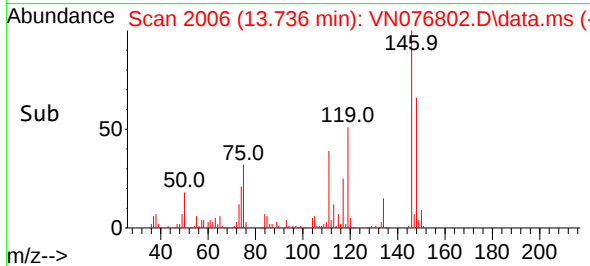
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01



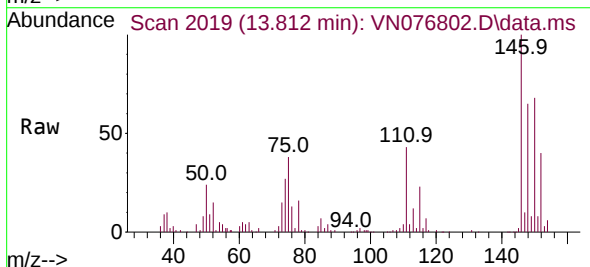
Tgt Ion:146 Resp: 142502
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.8 59.4
 148 61.9 32.0 96.2

Manual Integrations
 APPROVED

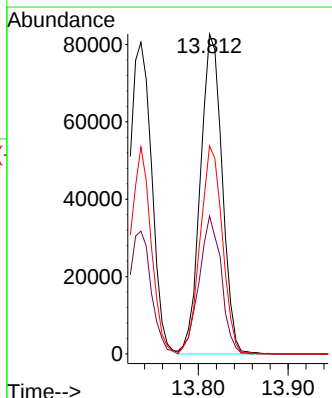
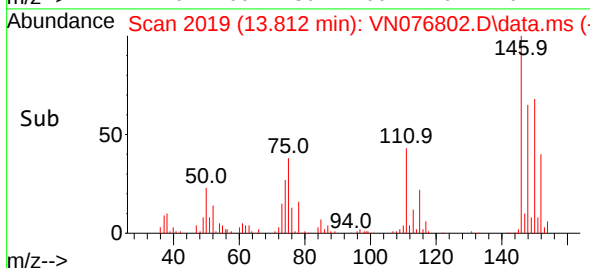
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023

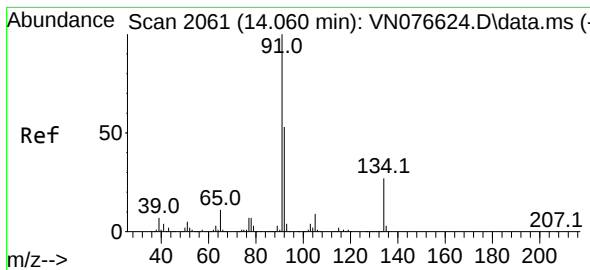


#88
 1,4-Dichlorobenzene
 Concen: 17.876 ug/l
 RT: 13.812 min Scan# 2019
 Delta R.T. -0.001 min
 Lab File: VN076802.D
 Acq: 24 Feb 2023 12:04



Tgt Ion:146 Resp: 139371
 Ion Ratio Lower Upper
 146 100
 111 43.8 19.4 58.1
 148 66.3 32.7 98.1





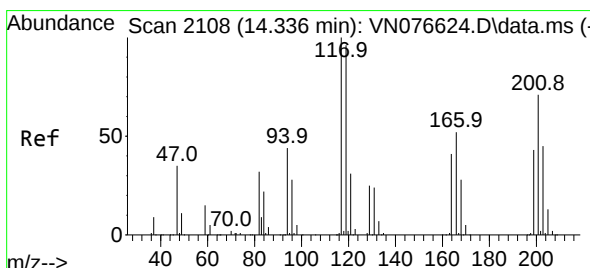
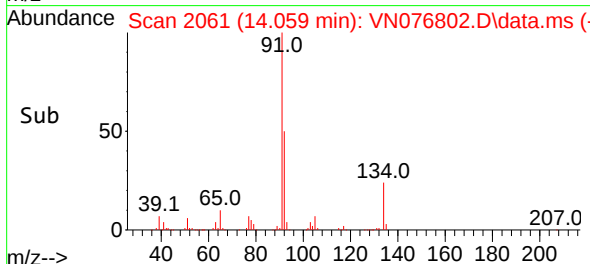
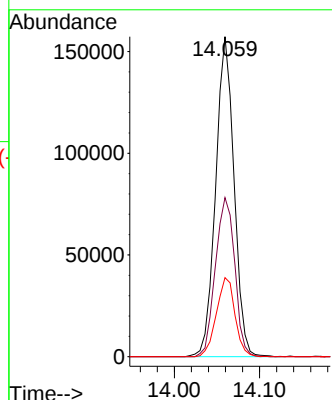
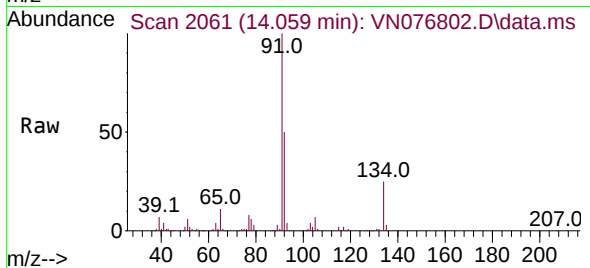
#89
n-Butylbenzene
Concen: 19.606 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion: 91 Resp: 235930
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 25.0 13.2 39.5

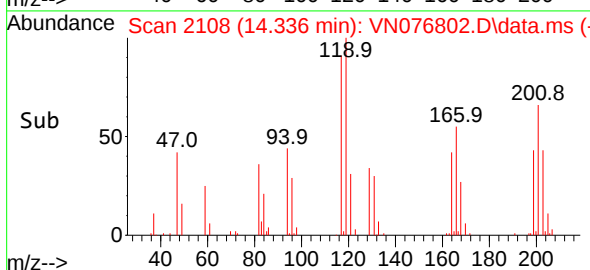
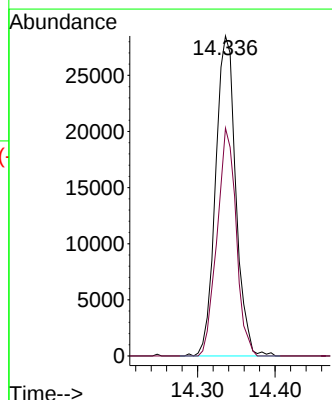
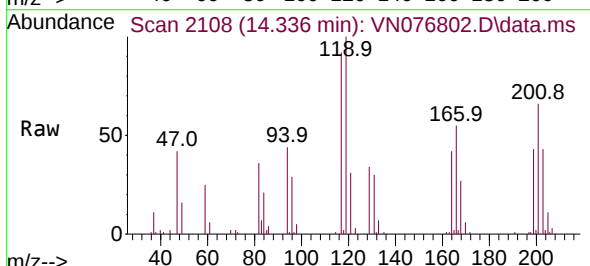
Manual Integrations
APPROVED

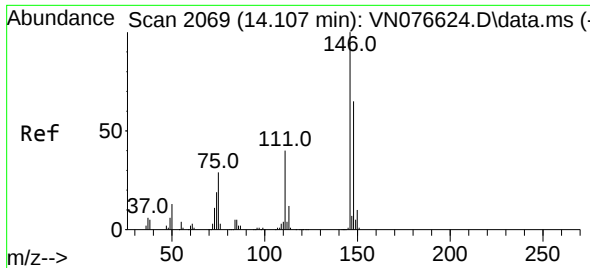
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#90
Hexachloroethane
Concen: 17.818 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

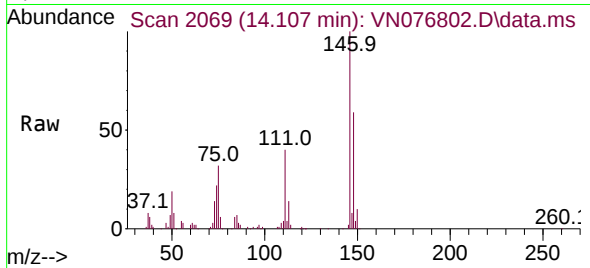
Tgt Ion:117 Resp: 51620
Ion Ratio Lower Upper
117 100
201 67.2 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 17.927 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

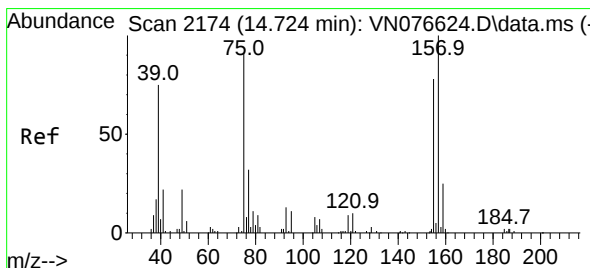
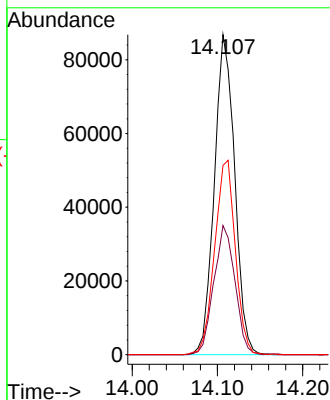
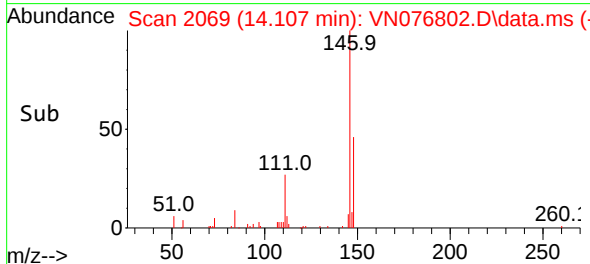
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



Tgt Ion:146 Resp: 14388
Ion Ratio Lower Upper
146 100
111 41.9 20.0 59.9
148 62.0 32.4 97.2

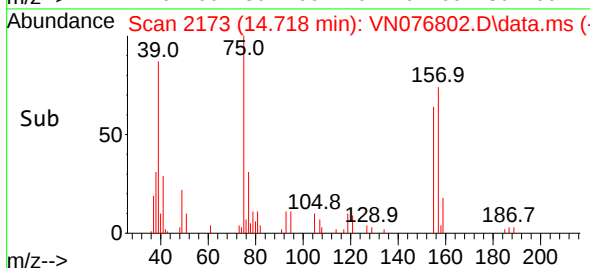
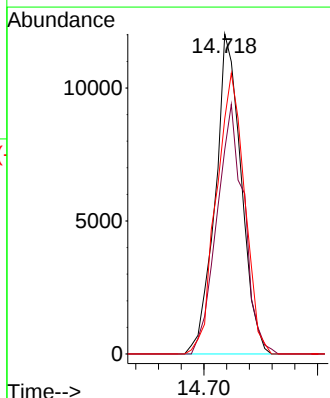
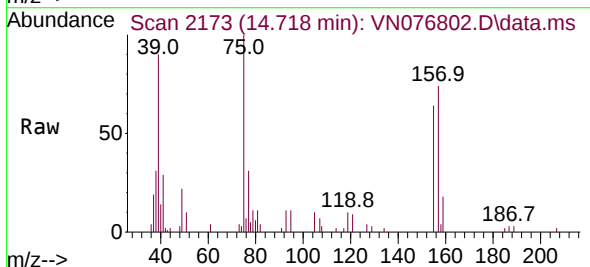
Manual Integrations
APPROVED

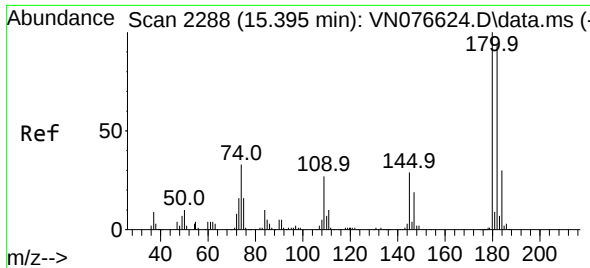
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.390 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

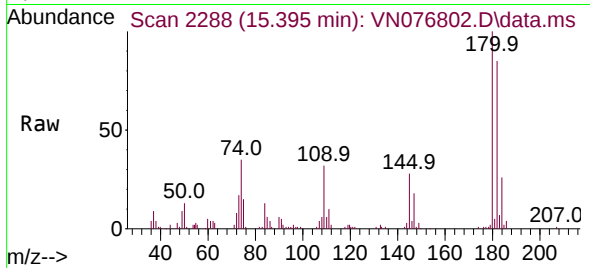
Tgt Ion: 75 Resp: 19080
Ion Ratio Lower Upper
75 100
155 81.5 43.4 130.2
157 95.4 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 17.371 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

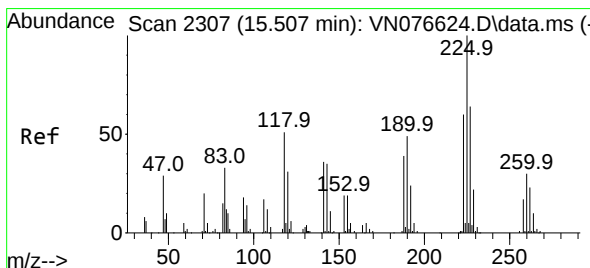
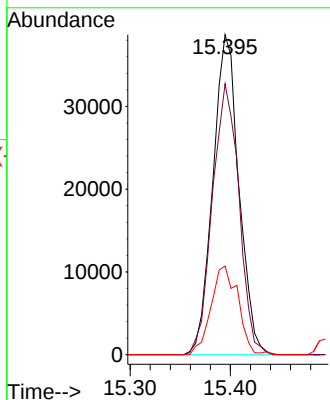
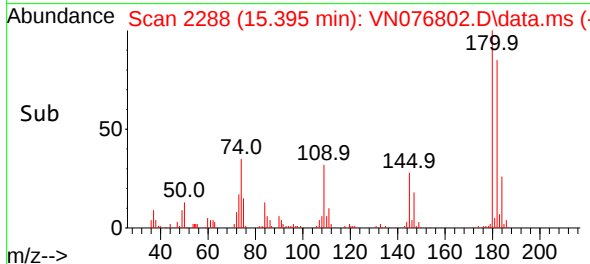
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



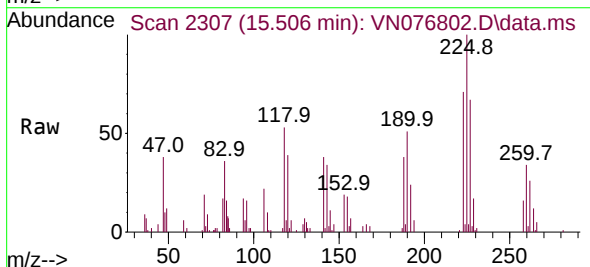
Tgt Ion:180 Resp: 69540
Ion Ratio Lower Upper
180 100
182 86.5 48.0 144.0
145 28.8 15.2 45.6

Manual Integrations
APPROVED

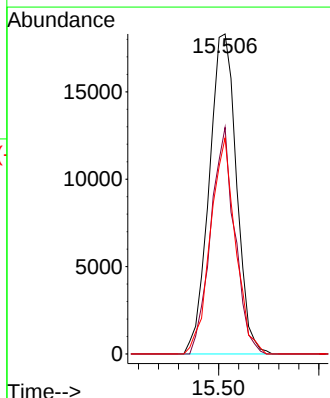
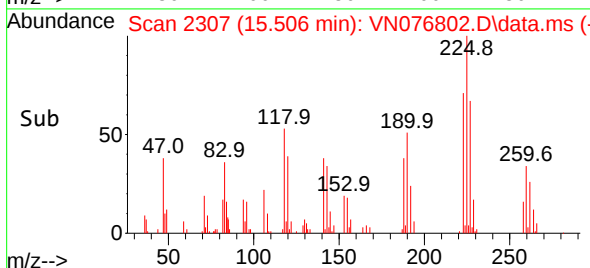
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

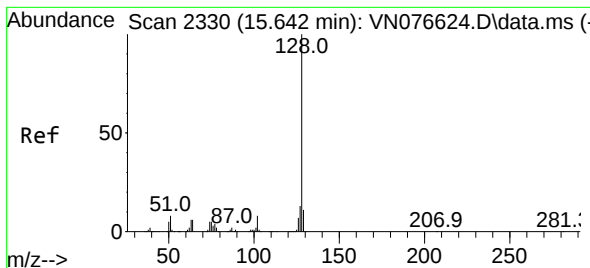


#94
Hexachlorobutadiene
Concen: 17.642 ug/l
RT: 15.506 min Scan# 2307
Delta R.T. -0.001 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04



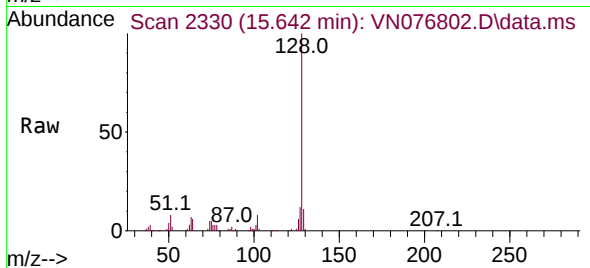
Tgt Ion:225 Resp: 34618
Ion Ratio Lower Upper
225 100
223 62.2 31.6 95.0
227 62.1 31.3 93.9





#95
Naphthalene
Concen: 17.278 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04

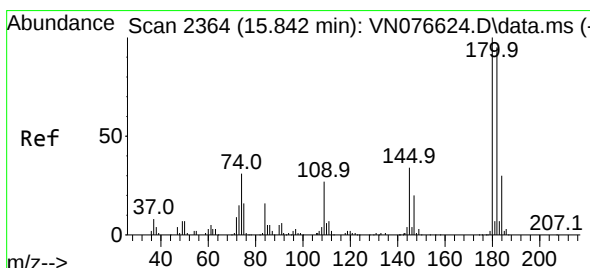
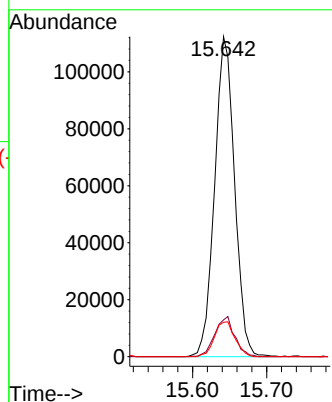
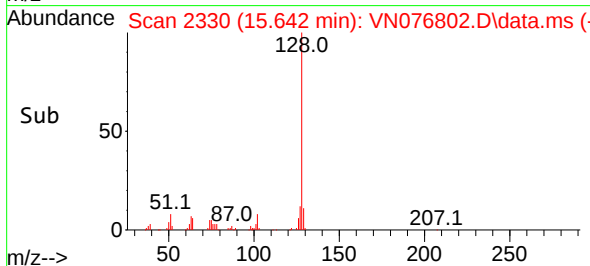
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01



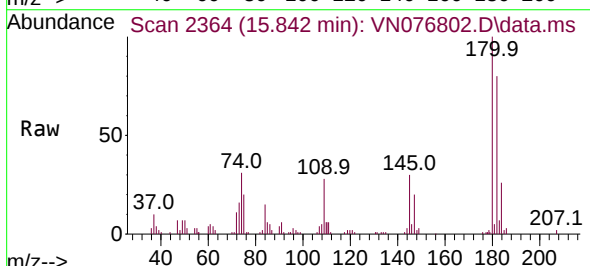
Tgt Ion:128 Resp: 209915
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.537 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076802.D
Acq: 24 Feb 2023 12:04



Tgt Ion:180 Resp: 68025
Ion Ratio Lower Upper
180 100
182 91.4 46.7 140.1
145 31.4 16.0 47.9

