

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076620.D
 Acq On : 13 Feb 2023 10:16
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: Feb 13 11:31:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 13 11:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	295439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	549134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	477409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	185712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	2950	0.961	ug/l	88
3) Chloromethane	2.372	50	5256	1.863	ug/l	97
4) Vinyl Chloride	2.531	62	4519	1.745	ug/l	88
6) Chloroethane	3.131	64	2034m	1.298	ug/l	
7) Trichlorofluoromethane	3.513	101	6009	1.177	ug/l #	72
8) Diethyl Ether	3.984	74	2315m	1.198	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.384	101	3648	1.153	ug/l #	62
12) 1,1-Dichloroethene	4.354	96	3499	1.184	ug/l #	66
14) Allyl chloride	5.037	41	5806	1.509	ug/l #	64
15) Acrylonitrile	5.737	53	9962	7.309	ug/l	88
16) Acetone	4.448	43	12157	10.575	ug/l	91
17) Carbon Disulfide	4.725	76	9021	1.179	ug/l	99
18) Methyl Acetate	5.042	43	6727	1.849	ug/l #	59
19) Methyl tert-butyl Ether	5.801	73	10128	1.031	ug/l #	85
20) Methylene Chloride	5.289	84	4402	1.242	ug/l #	86
21) trans-1,2-Dichloroethene	5.813	96	4140m	1.289	ug/l	
22) Diisopropyl ether	6.689	45	12356	1.417	ug/l #	78
23) Vinyl Acetate	6.613	43	32188	5.899	ug/l #	89
24) 1,1-Dichloroethane	6.578	63	8068	1.441	ug/l #	83
25) 2-Butanone	7.501	43	15008m	9.082	ug/l	
26) 2,2-Dichloropropane	7.495	77	5453	1.167	ug/l	98
27) cis-1,2-Dichloroethene	7.501	96	5087	1.355	ug/l	85
28) Bromochloromethane	7.819	49	3158	1.407	ug/l #	71
29) Tetrahydrofuran	7.848	42	9243	8.703	ug/l #	78
30) Chloroform	7.978	83	7580	1.248	ug/l	91
32) 1,1,1-Trichloroethane	8.183	97	5917m	1.087	ug/l	
36) 1,1-Dichloropropene	8.378	75	5871	1.205	ug/l #	90
37) Ethyl Acetate	7.572	43	4564m	1.250	ug/l	
38) Carbon Tetrachloride	8.354	117	5390	1.029	ug/l	92
39) Methylcyclohexane	9.607	83	5442	0.899	ug/l	90
40) Benzene	8.613	78	16463	1.114	ug/l	91
41) Methacrylonitrile	7.789	41	2950	1.427	ug/l #	69
42) 1,2-Dichloroethane	8.672	62	6153	1.279	ug/l	85
43) Isopropyl Acetate	8.695	43	7932	1.305	ug/l #	93
44) Trichloroethene	9.354	130	3588	0.909	ug/l	86
45) 1,2-Dichloropropane	9.619	63	4500	1.268	ug/l	94

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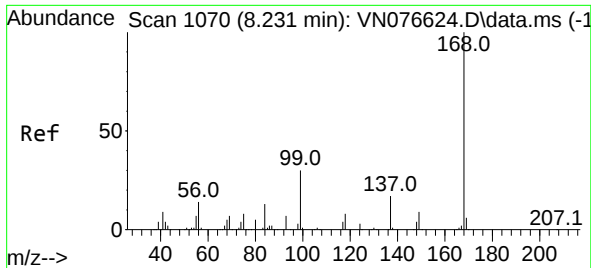
Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.713	93	2734	1.068	ug/l	90
47) Bromodichloromethane	9.889	83	5349	1.039	ug/l	87
48) Methyl methacrylate	9.695	41	4268	1.428	ug/l #	72
49) 1,4-Dioxane	9.701	88	1460m	22.840	ug/l	
51) 4-Methyl-2-Pentanone	10.448	43	25024	6.853	ug/l	87
52) Toluene	10.636	92	8842	0.927	ug/l	97
53) t-1,3-Dichloropropene	10.842	75	5051	1.016	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	5667	0.999	ug/l	96
55) 1,1,2-Trichloroethane	11.013	97	3781	1.012	ug/l #	79
56) Ethyl methacrylate	10.883	69	4520	0.904	ug/l #	52
57) 1,3-Dichloropropane	11.160	76	6668	1.103	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.160	63	10652	7.458	ug/l	95
59) 2-Hexanone	11.195	43	18766	7.208	ug/l	75
60) Dibromochloromethane	11.348	129	4398	1.118	ug/l	82
61) 1,2-Dibromoethane	11.466	107	4482	1.212	ug/l #	75
64) Tetrachloroethene	11.101	164	3211	0.808	ug/l #	70
65) Chlorobenzene	11.889	112	10775	1.091	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.960	131	3627	0.992	ug/l #	64
67) Ethyl Benzene	11.960	91	15484	0.882	ug/l	98
68) m/p-Xylenes	12.077	106	11245	1.645	ug/l	100
69) o-Xylene	12.401	106	5333	0.797	ug/l	90
70) Styrene	12.413	104	8171	0.767	ug/l #	88
71) Bromoform	12.571	173	2548	0.998	ug/l #	100
73) Isopropylbenzene	12.701	105	13036	0.857	ug/l	90
74) N-amyl acetate	12.495	43	6216	1.466	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.942	83	6071	1.456	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	3523m	1.017	ug/l	
77) Bromobenzene	12.977	156	3842	1.086	ug/l	97
78) n-propylbenzene	13.036	91	15459	0.923	ug/l	95
79) 2-Chlorotoluene	13.130	91	10542	0.988	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	9660	0.765	ug/l	89
82) 4-Chlorotoluene	13.130	91	10542	0.988	ug/l	96
83) tert-Butylbenzene	13.442	119	9790	0.866	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	9173	0.730	ug/l	99
85) sec-Butylbenzene	13.612	105	12245	0.803	ug/l	96
86) p-Isopropyltoluene	13.736	119	9171	0.734	ug/l	94
87) 1,3-Dichlorobenzene	13.736	146	6852	1.052	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	7273m	1.100	ug/l	
89) n-Butylbenzene	14.054	91	8687	0.878	ug/l	91
90) Hexachloroethane	14.342	117	2811	1.292	ug/l	77
91) 1,2-Dichlorobenzene	14.112	146	7218	1.124	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.718	75	1209	1.676	ug/l	67
93) 1,2,4-Trichlorobenzene	15.395	180	3353	1.140	ug/l	89
94) Hexachlorobutadiene	15.512	225	1861	1.125	ug/l	88
95) Naphthalene	15.648	128	8582	1.003	ug/l	98
96) 1,2,3-Trichlorobenzene	15.842	180	2557	0.908	ug/l	90

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

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Supervised By :Mahesh Dadoda 02/14/2023

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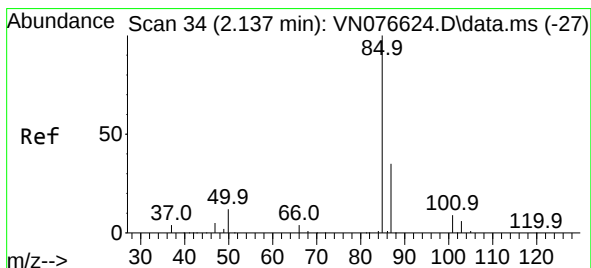
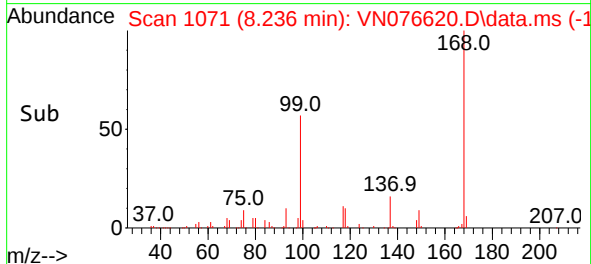
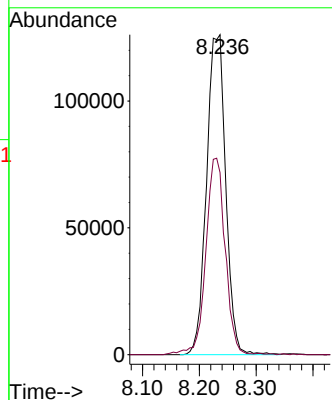
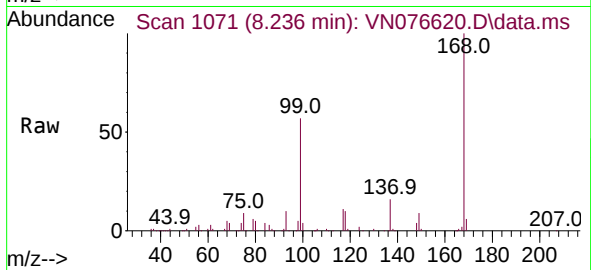
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:168 Resp: 295439
Ion Ratio Lower Upper
168 100
99 56.8 47.8 71.8

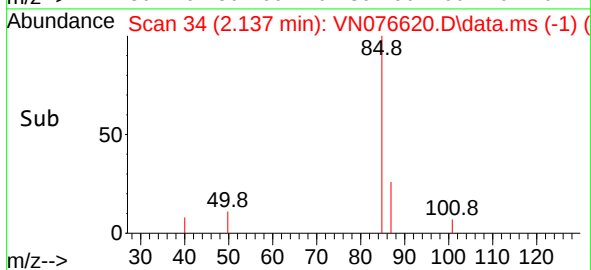
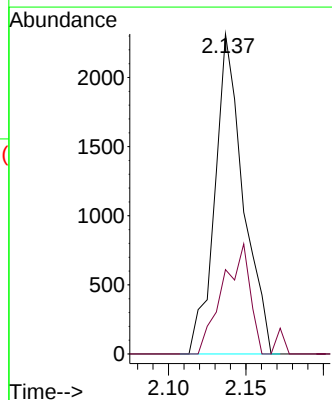
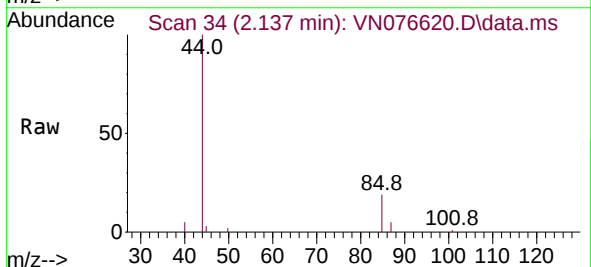
Manual Integrations
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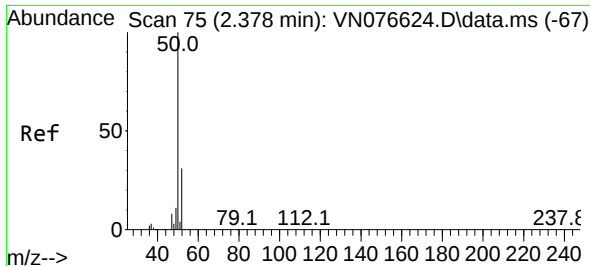
Reviewed By :John Carlone 02/14/2023
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#2
Dichlorodifluoromethane
Concen: 0.961 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

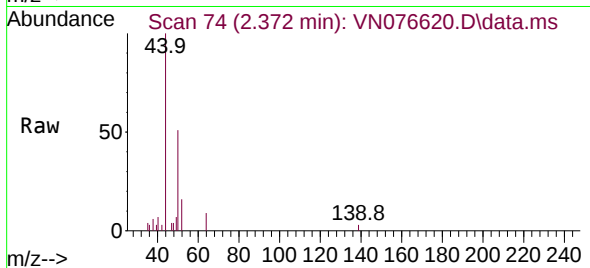
Tgt Ion: 85 Resp: 2950
Ion Ratio Lower Upper
85 100
87 26.3 16.6 49.8





#3
Chloromethane
Concen: 1.863 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

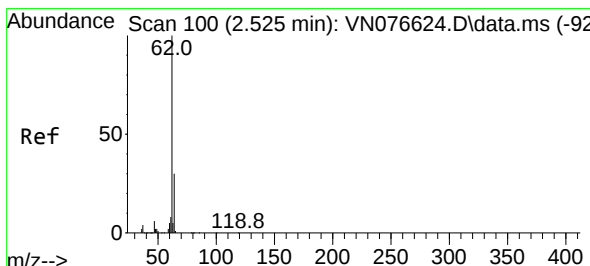
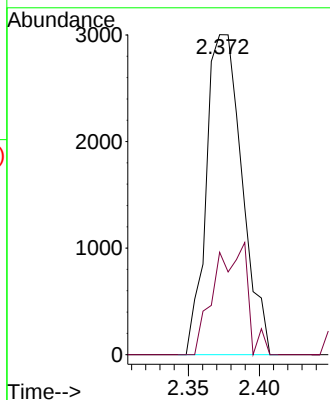
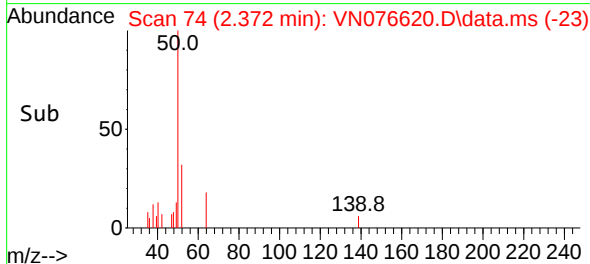
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 5250
Ion Ratio Lower Upper
50 100
52 32.0 27.0 40.4

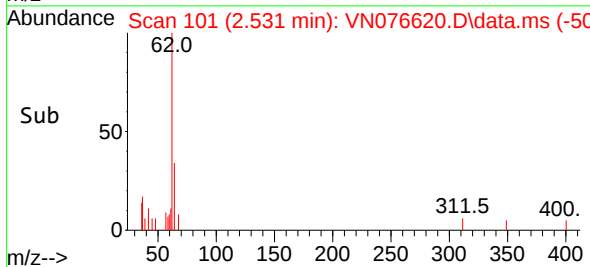
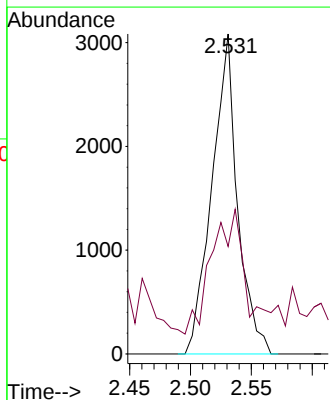
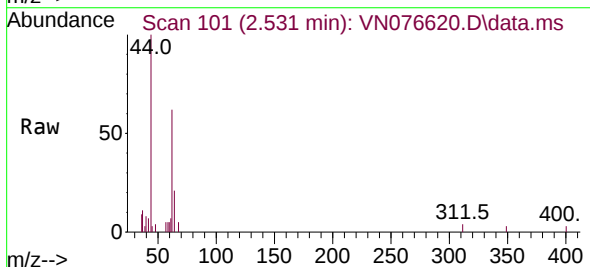
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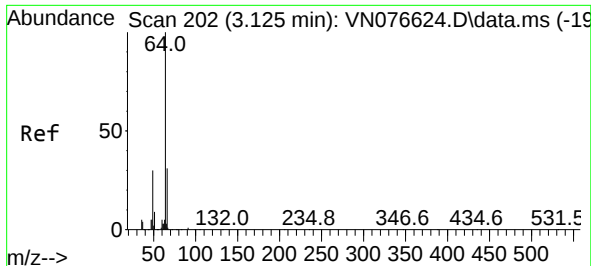
Reviewed By :John Carlone 02/14/2023
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#4
Vinyl Chloride
Concen: 1.745 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

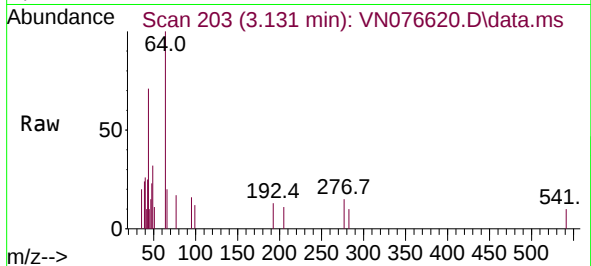
Tgt Ion: 62 Resp: 4519
Ion Ratio Lower Upper
62 100
64 26.0 26.0 39.0





#6
Chloroethane
Concen: 1.298 ug/l m
RT: 3.131 min Scan# 203
Delta R.T. 0.007 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

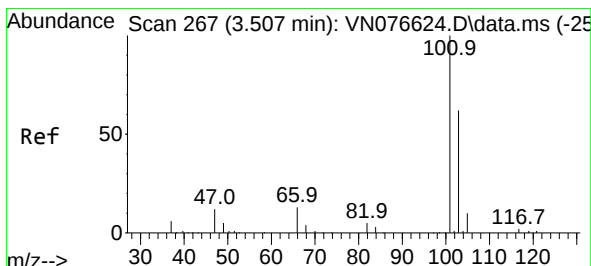
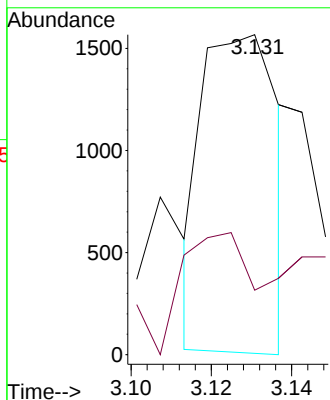
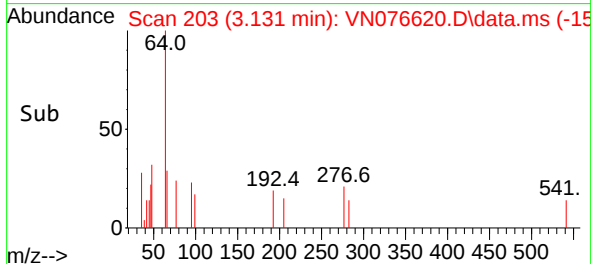
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 64 Resp: 2034
Ion Ratio Lower Upper
64 100
66 20.2 26.3 39.5

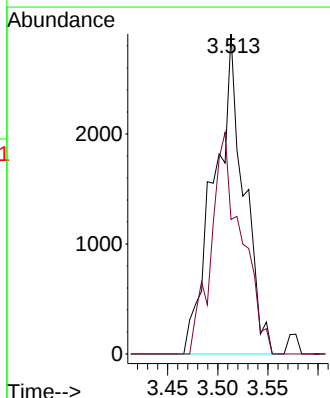
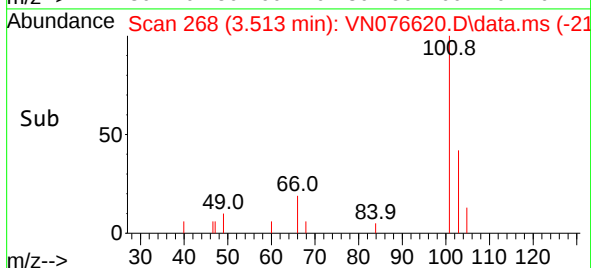
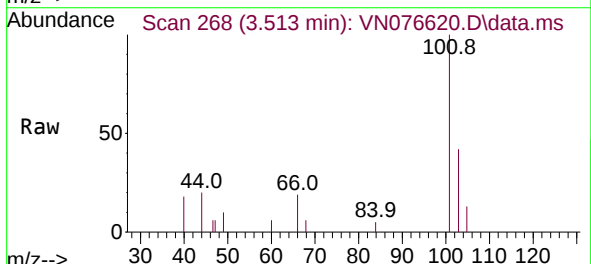
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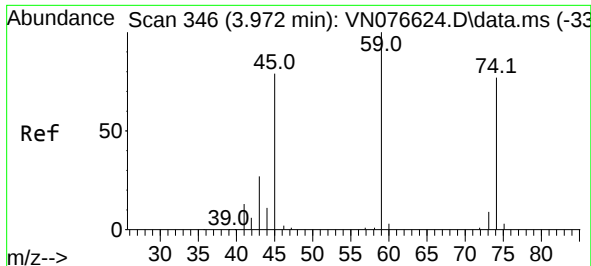
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#7
Trichlorofluoromethane
Concen: 1.177 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion:101 Resp: 6009
Ion Ratio Lower Upper
101 100
103 42.0 51.3 76.9#





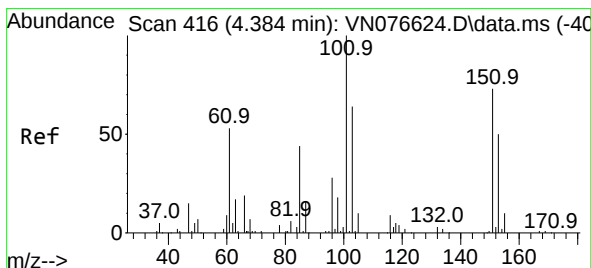
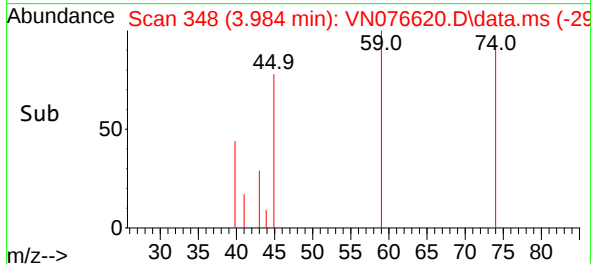
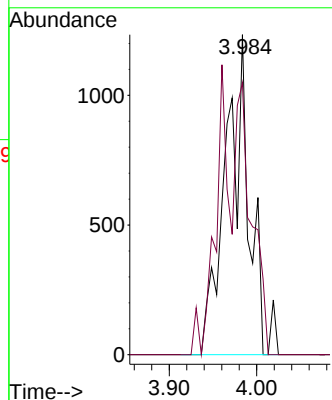
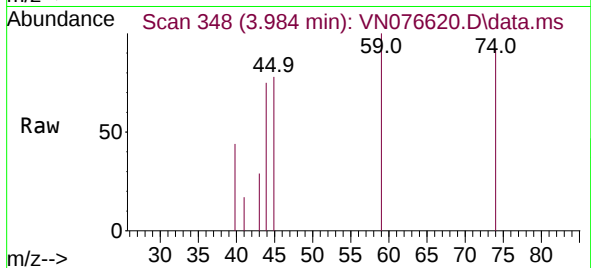
#8
Diethyl Ether
Concen: 1.198 ug/l m
RT: 3.984 min Scan# 346
Delta R.T. 0.007 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 74 Resp: 231
Ion Ratio Lower Upper
74 100
45 58.0 39.8 119.4

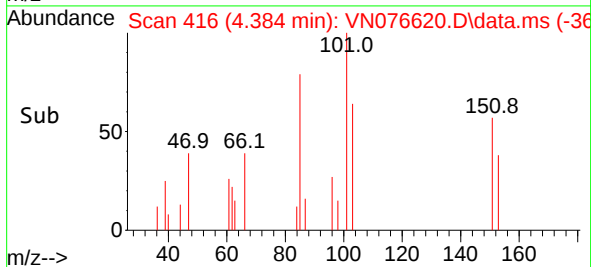
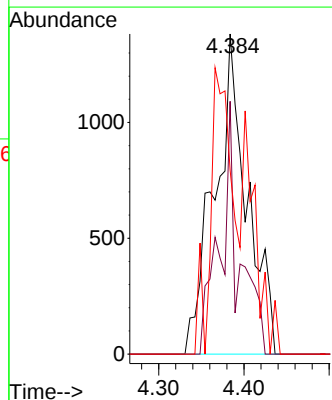
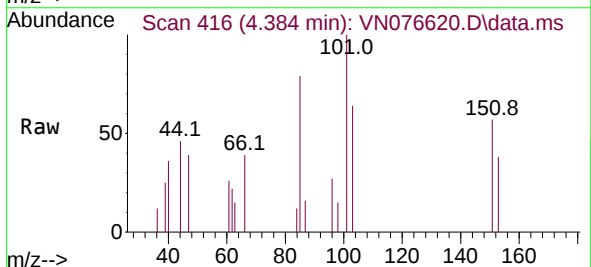
Manual Integrations
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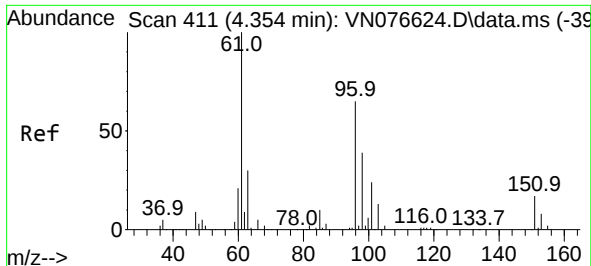
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.153 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

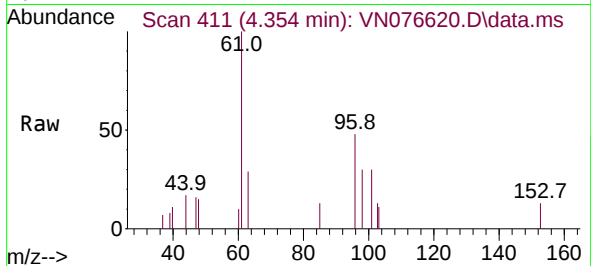
Tgt Ion:101 Resp: 3648
Ion Ratio Lower Upper
101 100
85 37.9 33.9 50.9
151 30.8 62.5 93.7#





#12
1,1-Dichloroethene
Concen: 1.184 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

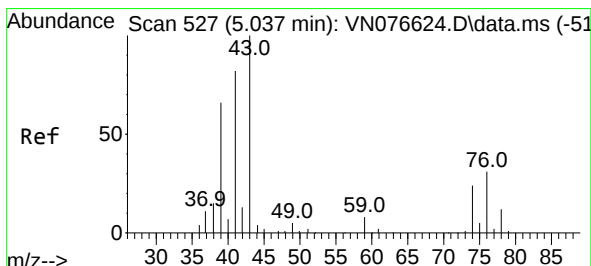
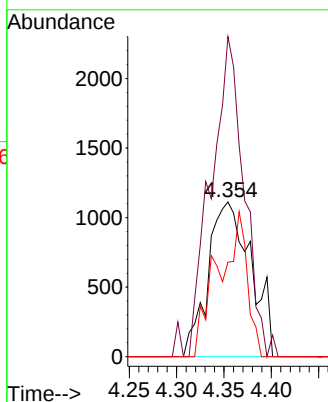
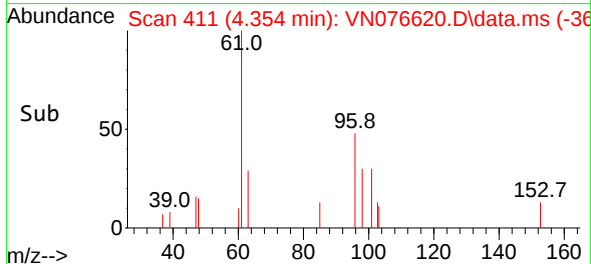
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MSVOA_N
ClientSampleId :
VSTDIC001



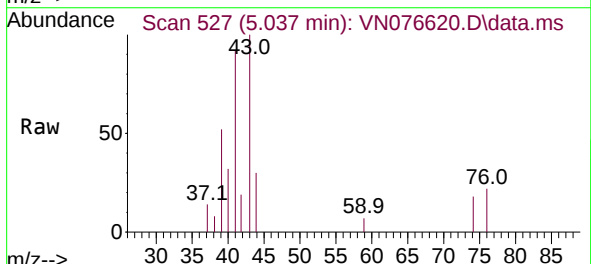
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Ion Ratio Lower Upper
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98 61.1 50.7 76.1#

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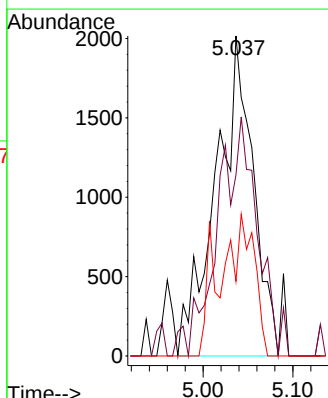
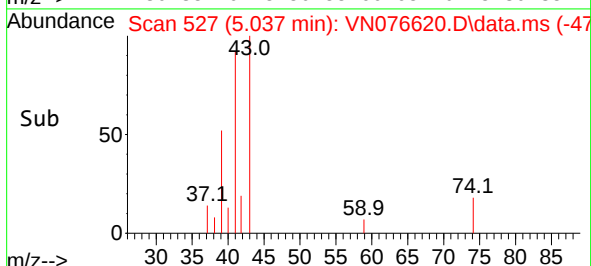
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

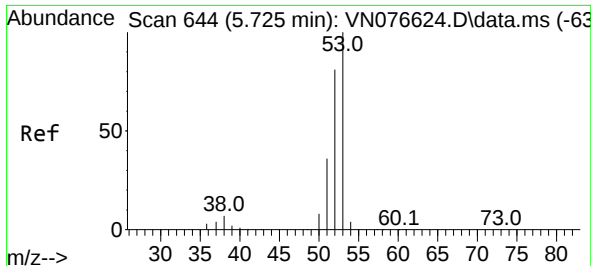


#14
Allyl chloride
Concen: 1.509 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16



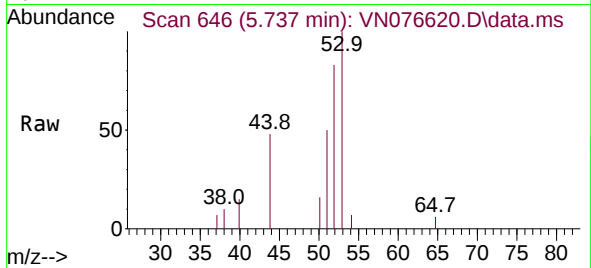
Tgt Ion: 41 Resp: 5806
Ion Ratio Lower Upper
41 100
39 35.0 55.8 83.6#
76 29.4 36.8 55.2#





#15
Acrylonitrile
Concen: 7.309 ug/l
RT: 5.737 min Scan# 644
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

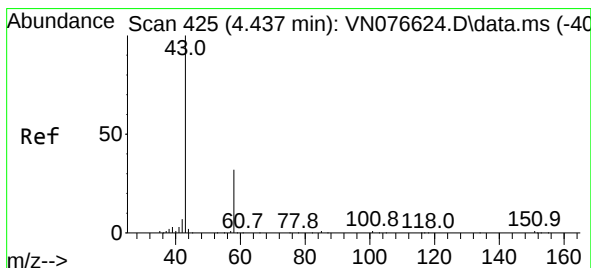
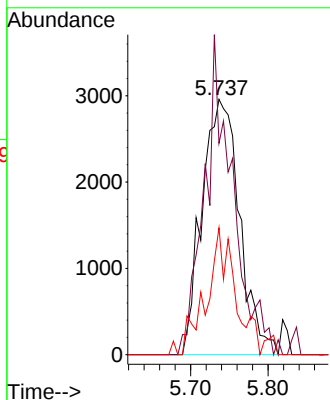
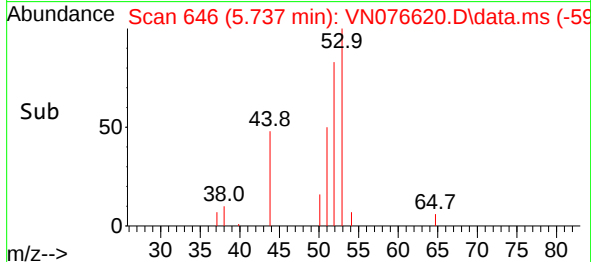
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



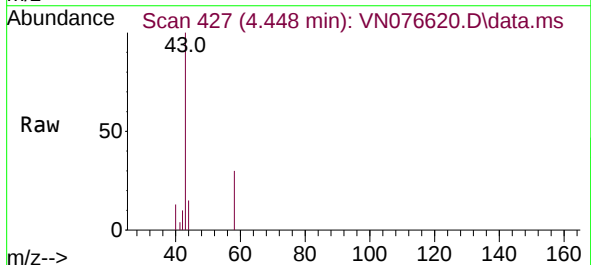
Tgt Ion: 53 Resp: 9962
Ion Ratio Lower Upper
53 100
52 94.3 64.6 96.8
51 38.3 27.9 41.9

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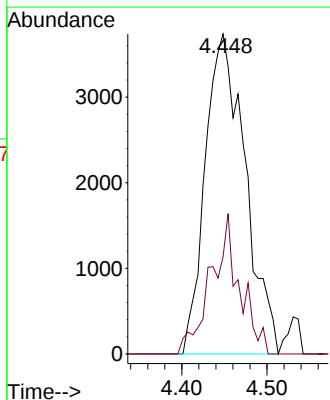
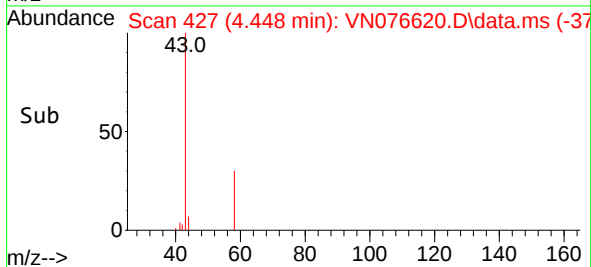
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

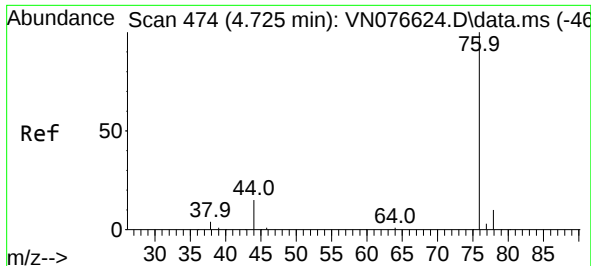


#16
Acetone
Concen: 10.575 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.006 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16



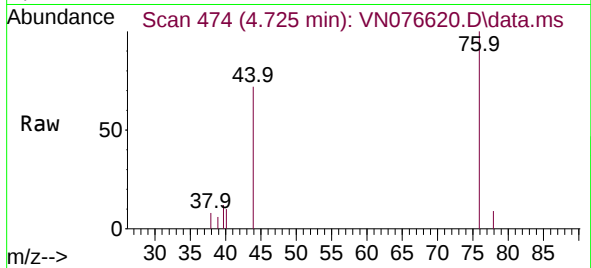
Tgt Ion: 43 Resp: 12157
Ion Ratio Lower Upper
43 100
58 30.3 28.4 42.6





#17
Carbon Disulfide
Concen: 1.179 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

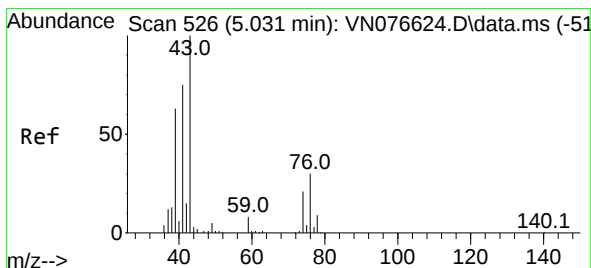
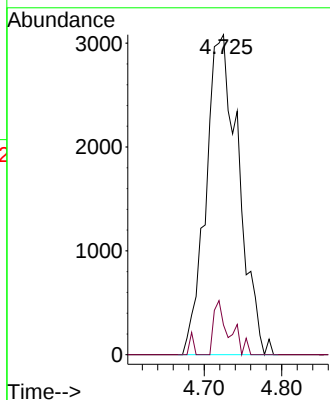
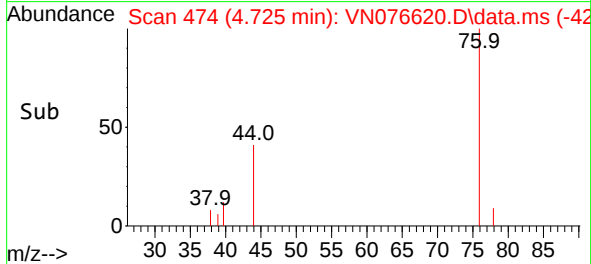
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



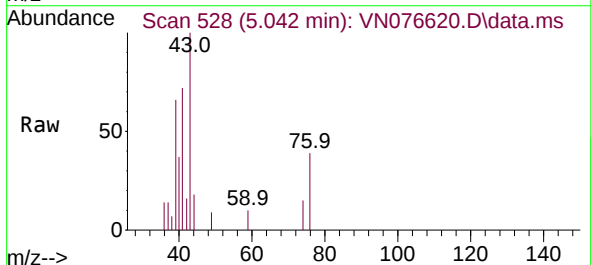
Tgt Ion: 76 Resp: 902
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

Manual Integrations
APPROVED

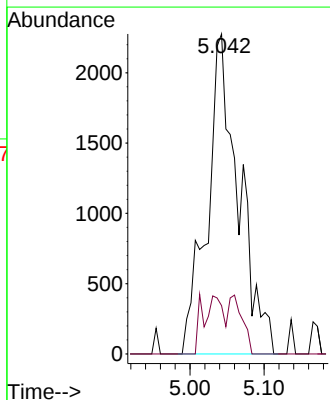
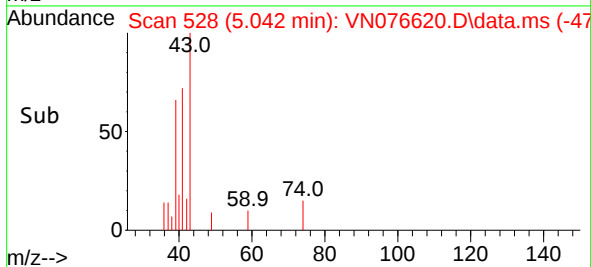
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

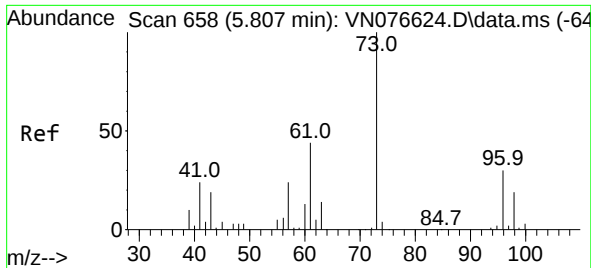


#18
Methyl Acetate
Concen: 1.849 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.000 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16



Tgt Ion: 43 Resp: 6727
Ion Ratio Lower Upper
43 100
74 8.0 23.9 35.9#





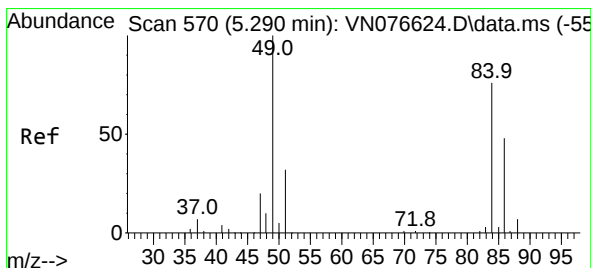
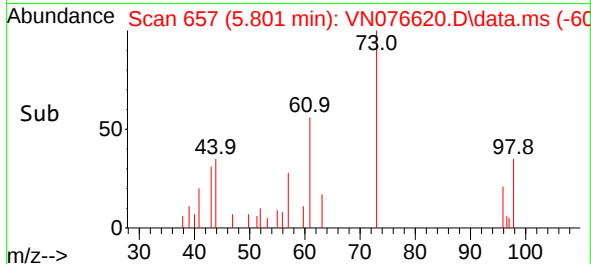
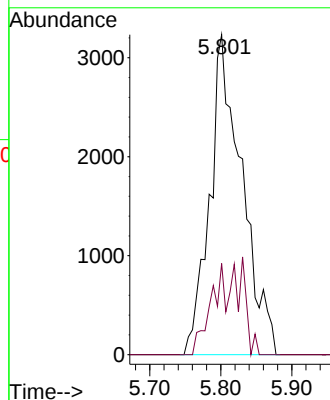
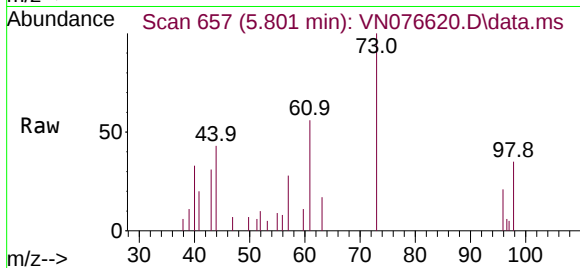
#19
Methyl tert-butyl Ether
Concen: 1.031 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 10128
Ion Ratio Lower Upper
73 100
57 28.5 17.0 25.6

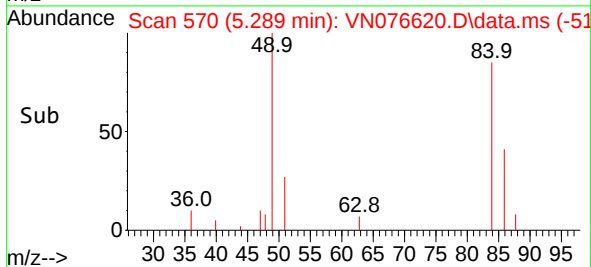
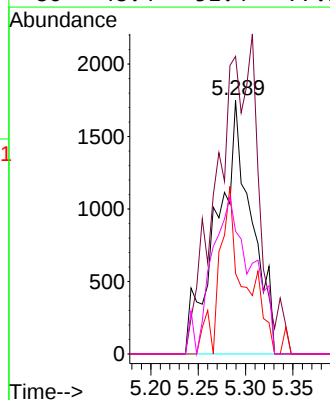
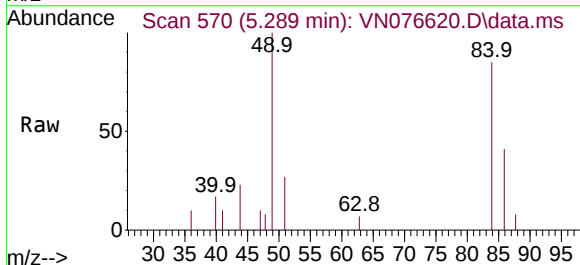
Manual Integrations
APPROVED

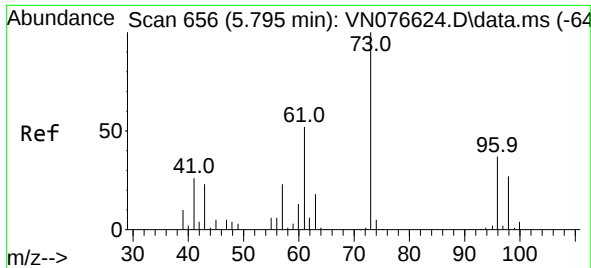
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#20
Methylene Chloride
Concen: 1.242 ug/l
RT: 5.289 min Scan# 570
Delta R.T. 0.000 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

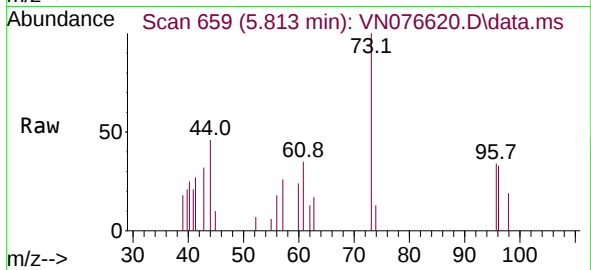
Tgt Ion: 84 Resp: 4402
Ion Ratio Lower Upper
84 100
49 117.4 82.0 123.0
51 31.7 26.0 39.0
86 48.4 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 1.289 ug/l m
RT: 5.813 min Scan# 614
Delta R.T. 0.013 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

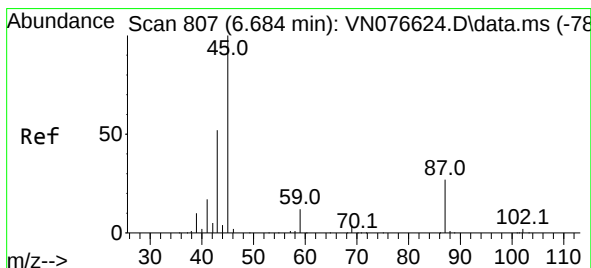
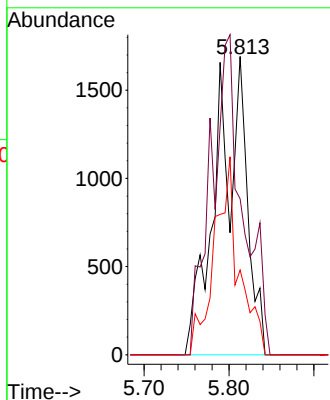
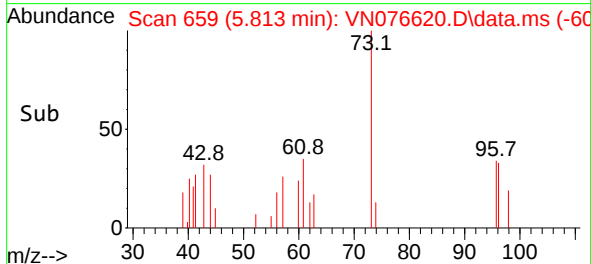
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 4140
Ion Ratio Lower Upper
96 100
61 102.8 98.9 148.3
98 55.8 49.4 74.2

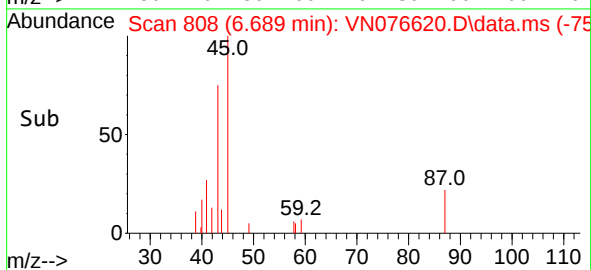
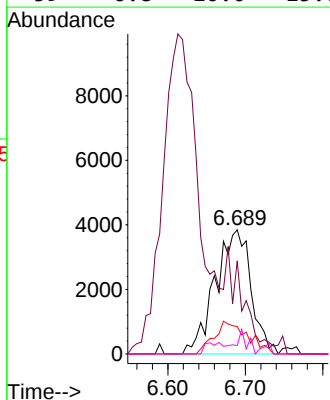
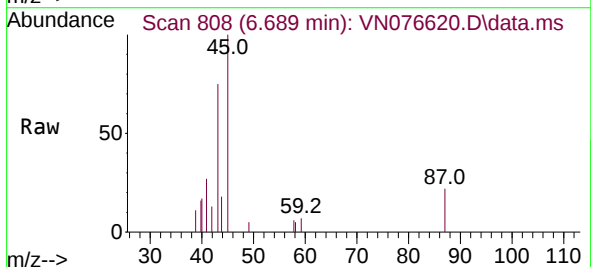
Manual Integrations
APPROVED

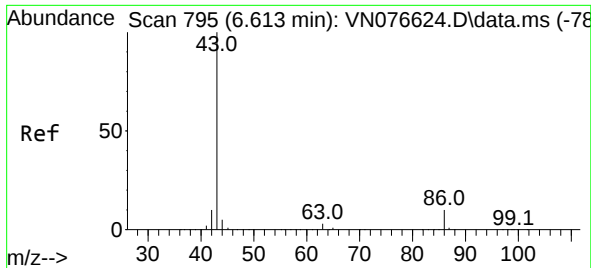
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#22
Diisopropyl ether
Concen: 1.417 ug/l
RT: 6.689 min Scan# 808
Delta R.T. 0.006 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion: 45 Resp: 12356
Ion Ratio Lower Upper
45 100
43 67.9 41.4 62.2#
87 22.1 28.2 42.4#
59 6.8 10.0 15.0#





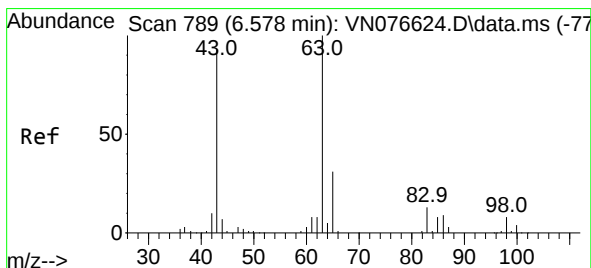
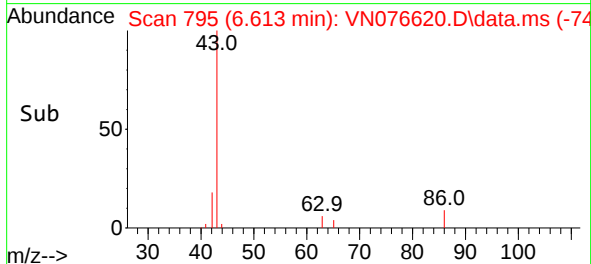
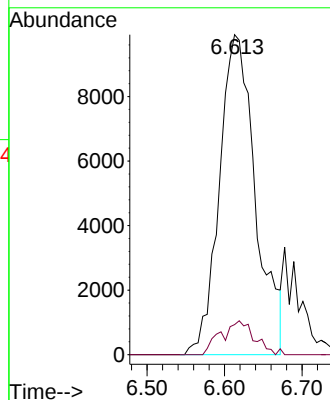
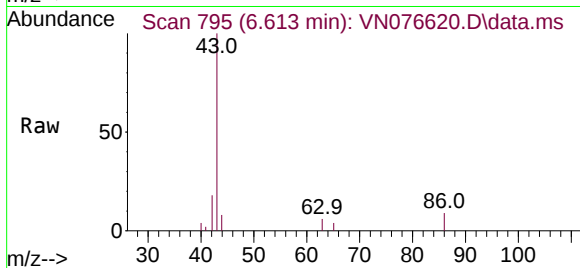
#23
 Vinyl Acetate
 Concen: 5.899 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.005 min
 Lab File: VN076620.D
 Acq: 13 Feb 2023 10:16

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC001

Tgt Ion: 43 Resp: 3218
 Ion Ratio Lower Upper
 43 100
 86 9.4 11.3 16.9

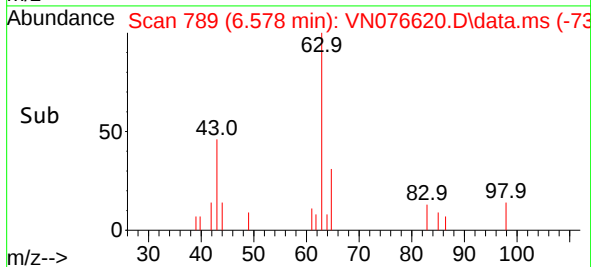
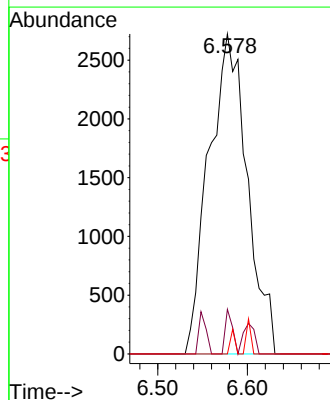
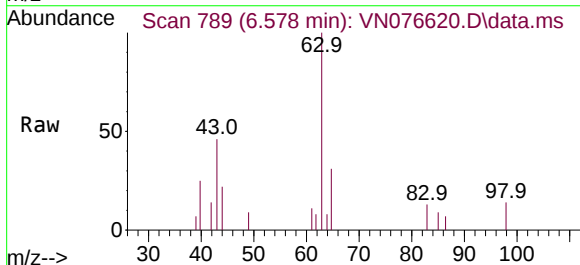
Manual Integrations
 APPROVED

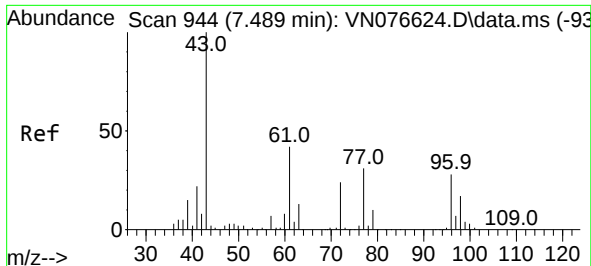
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#24
 1,1-Dichloroethane
 Concen: 1.441 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.005 min
 Lab File: VN076620.D
 Acq: 13 Feb 2023 10:16

Tgt Ion: 63 Resp: 8068
 Ion Ratio Lower Upper
 63 100
 98 14.0 3.8 11.4#
 100 0.0 2.5 7.4#





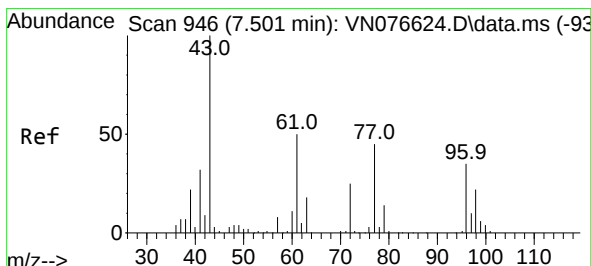
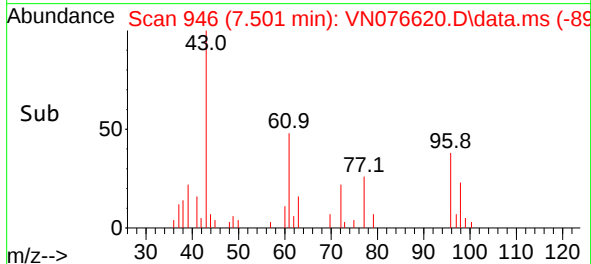
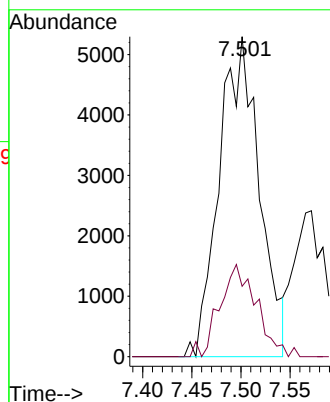
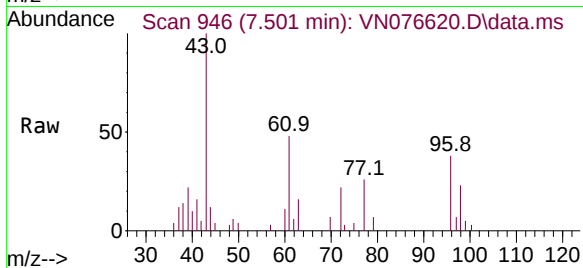
#25
2-Butanone
Concen: 9.082 ug/l m
RT: 7.501 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1500
Ion Ratio Lower Upper
43 100
72 22.0 25.1 37.7

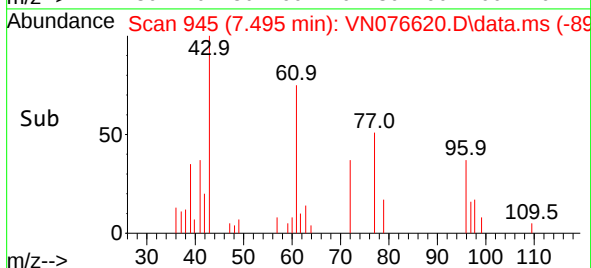
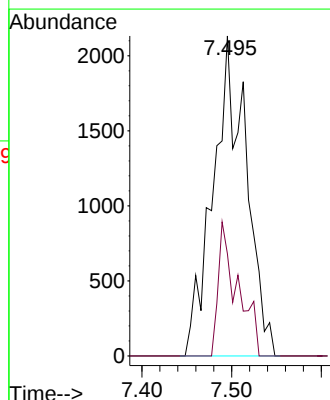
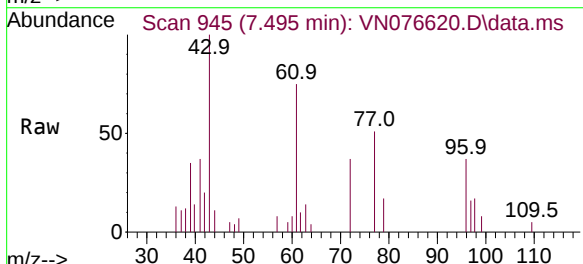
Manual Integrations
APPROVED

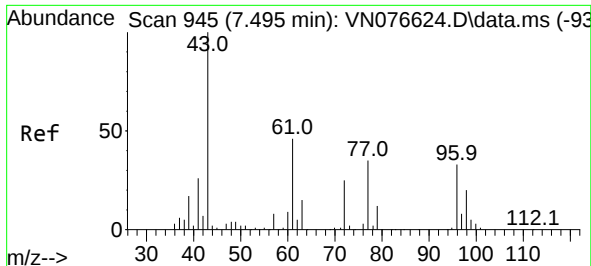
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#26
2,2-Dichloropropane
Concen: 1.167 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion: 77 Resp: 5453
Ion Ratio Lower Upper
77 100
97 24.5 11.7 35.0





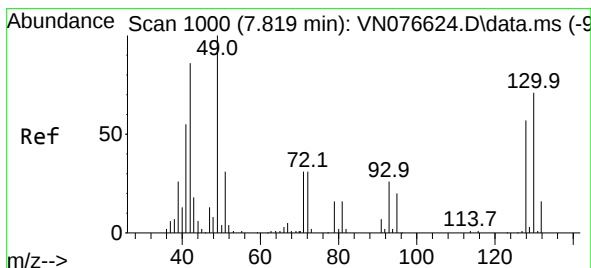
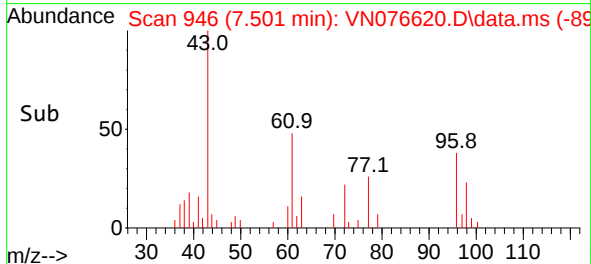
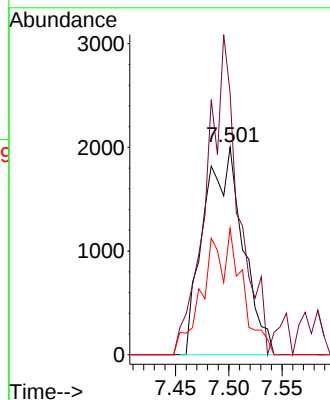
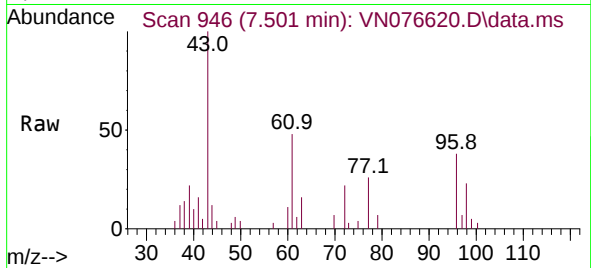
#27
 cis-1,2-Dichloroethene
 Concen: 1.355 ug/l
 RT: 7.501 min Scan# 945
 Delta R.T. 0.007 min
 Lab File: VN076620.D
 Acq: 13 Feb 2023 10:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 508
 Ion Ratio Lower Upper
 96 100
 61 128.3 0.0 262.2
 98 32.5 0.0 128.6

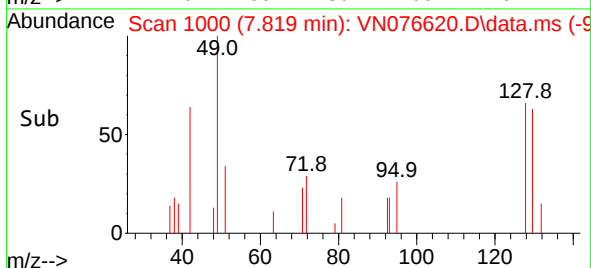
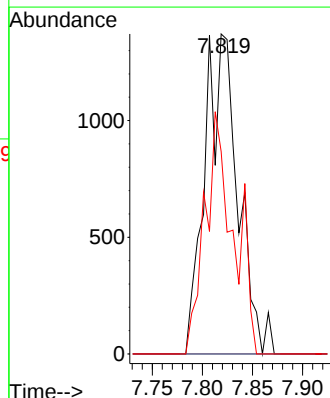
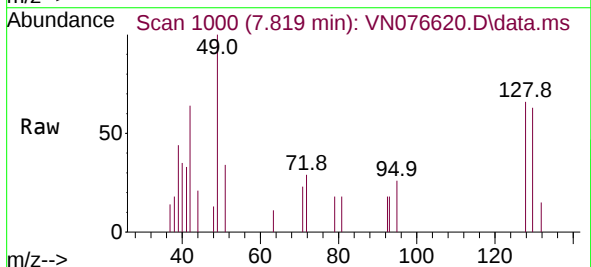
Manual Integrations
 APPROVED

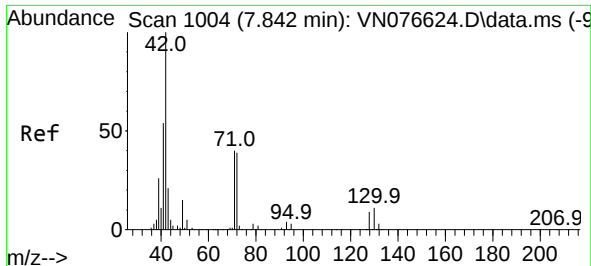
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#28
 Bromochloromethane
 Concen: 1.407 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.005 min
 Lab File: VN076620.D
 Acq: 13 Feb 2023 10:16

Tgt Ion: 49 Resp: 3158
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 65.0 74.3 111.5#





#29

Tetrahydrofuran

Concen: 8.703 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.001 min

Lab File: VN076620.D

Acq: 13 Feb 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

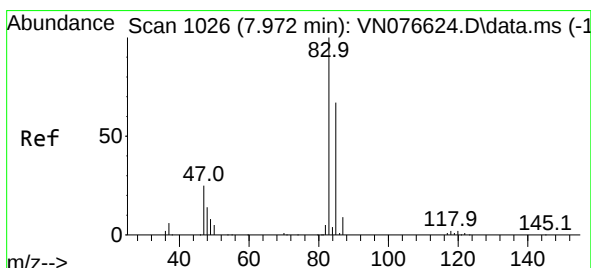
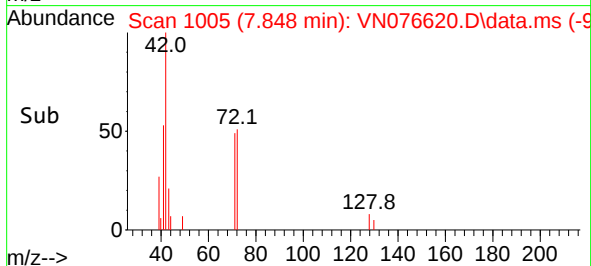
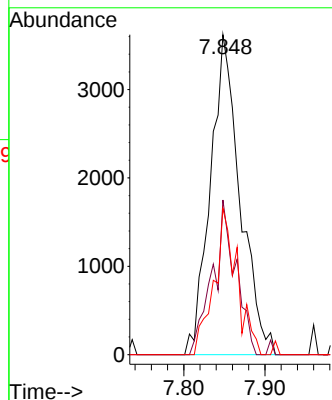
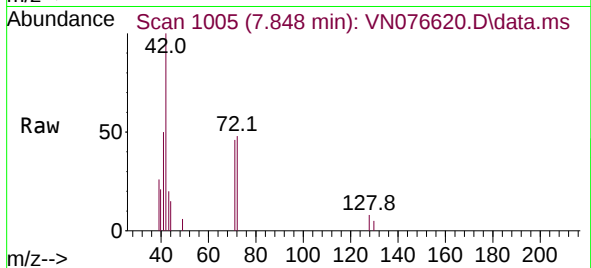
Tgt Ion:	42	Resp:	924
Ion	Ratio	Lower	Upper
42	100		
72	37.6	42.9	64.3
71	35.4	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#30

Chloroform

Concen: 1.248 ug/l

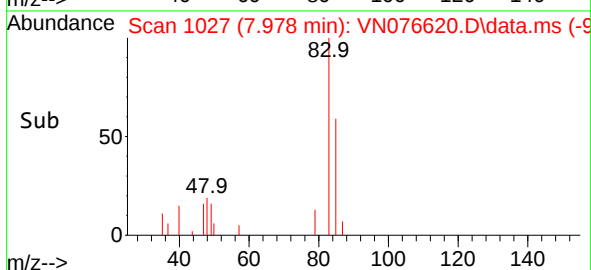
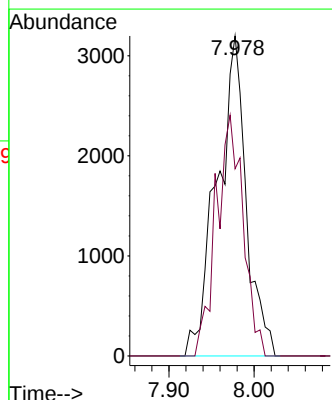
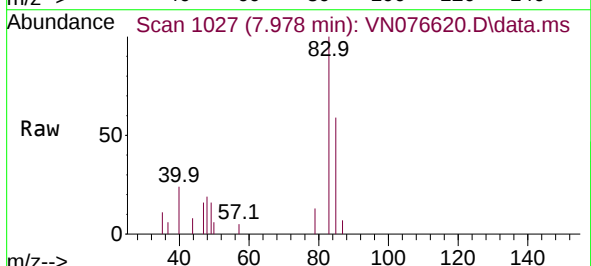
RT: 7.978 min Scan# 1027

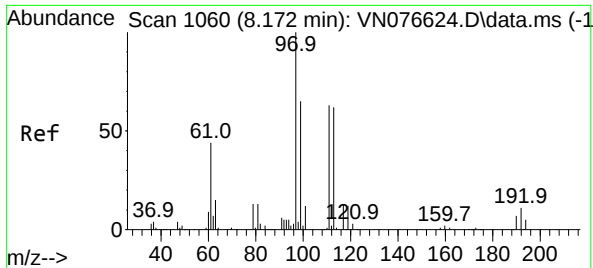
Delta R.T. 0.007 min

Lab File: VN076620.D

Acq: 13 Feb 2023 10:16

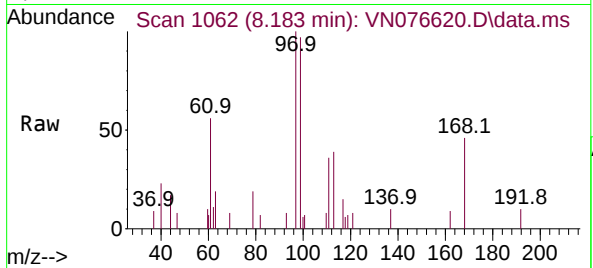
Tgt Ion:	83	Resp:	7580
Ion	Ratio	Lower	Upper
83	100		
85	58.5	52.5	78.7





#32
1,1,1-Trichloroethane
Concen: 1.087 ug/l m
RT: 8.183 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

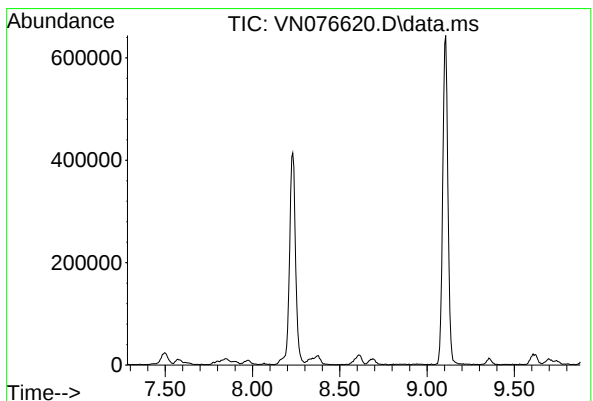
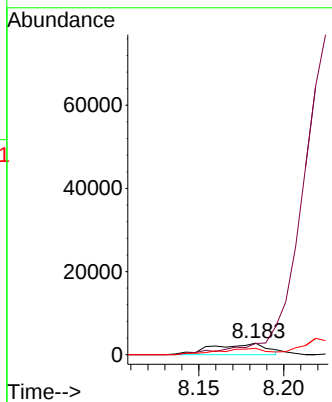
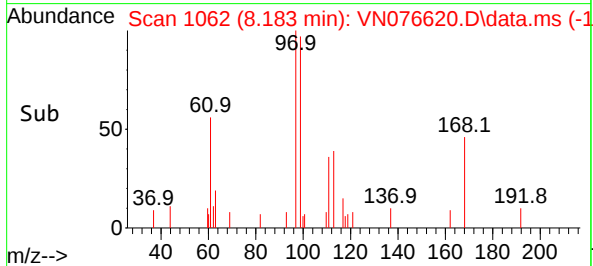
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 97 Resp: 591
Ion Ratio Lower Upper
97 100
99 0.0 53.5 80.3
61 50.6 33.6 50.4

Manual Integrations
APPROVED

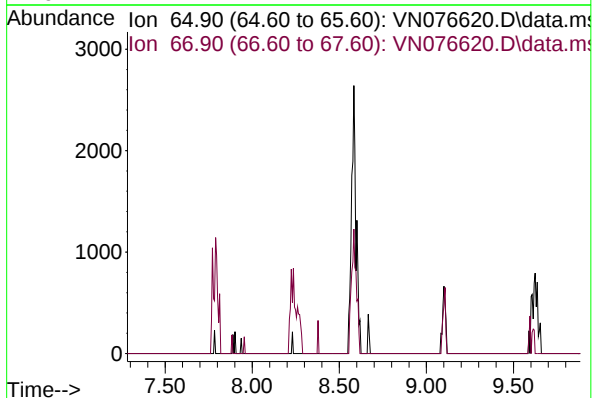
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

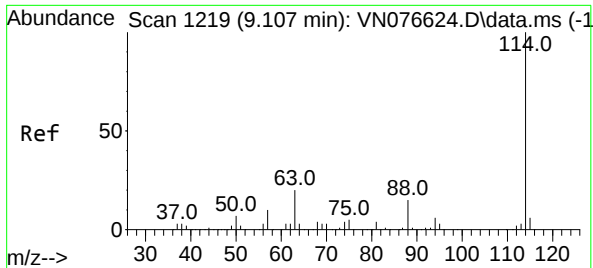


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min

Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion: 65
Sig Exp Ratio
65 100
67 52.7





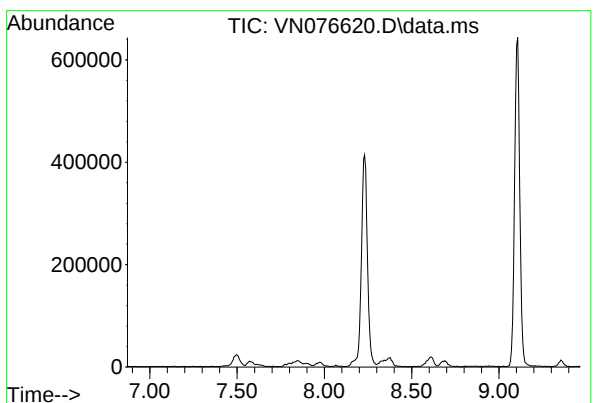
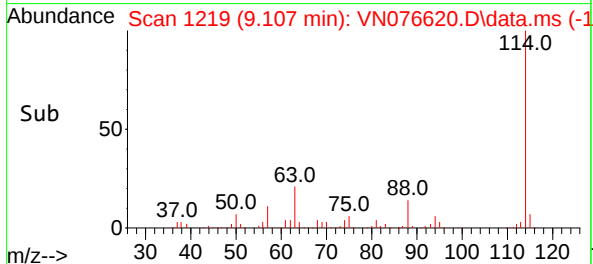
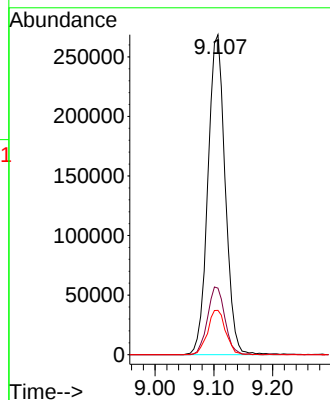
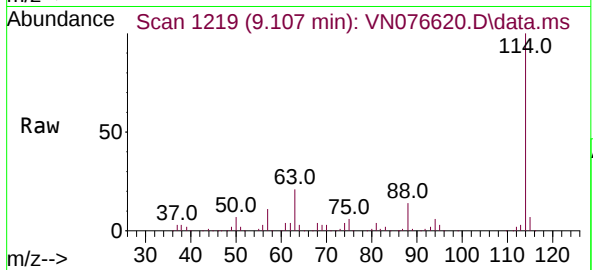
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 549134
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.6
88 13.9 0.0 32.0

Manual Integrations
APPROVED

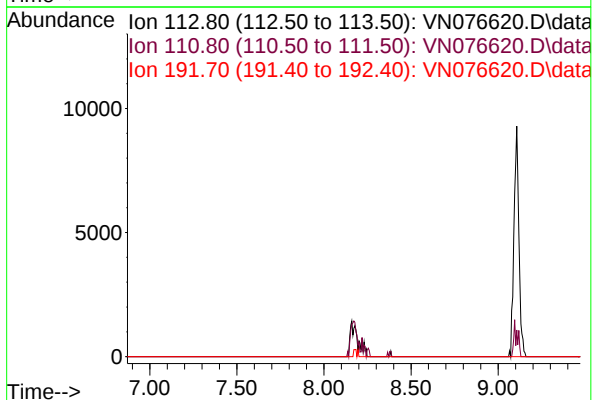
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

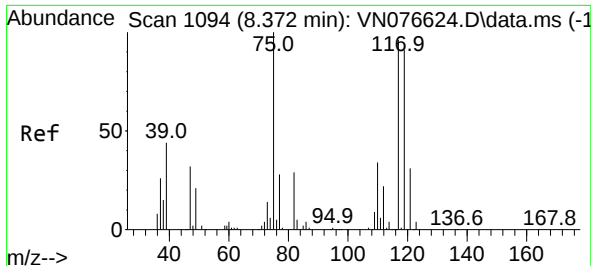


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.17 min

Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.5
192 18.5





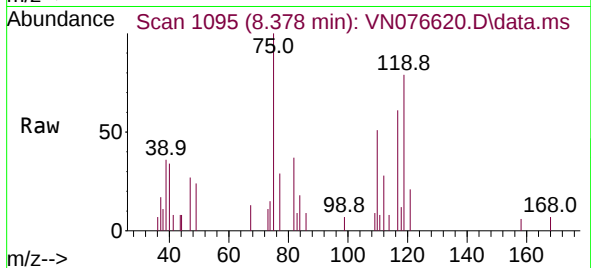
#36
1,1-Dichloropropene
Concen: 1.205 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



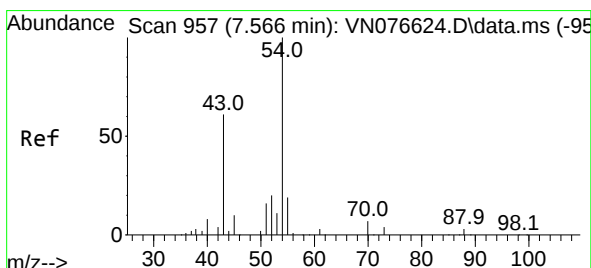
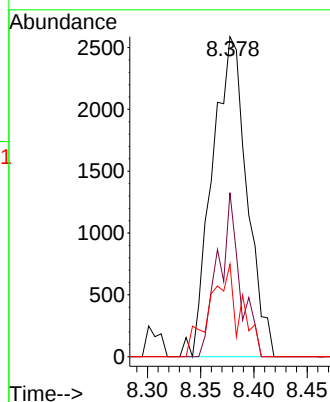
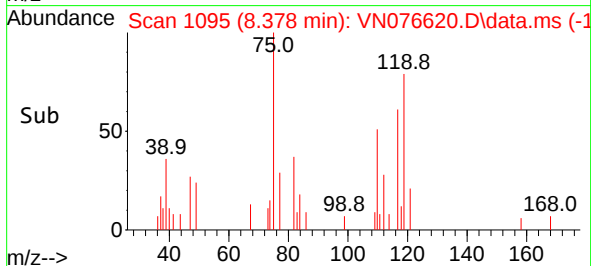
Tgt Ion: 75 Resp: 587
Ion Ratio Lower Upper
75 100
110 32.3 18.6 55.6
77 24.9 25.1 37.7

Manual Integrations

APPROVED

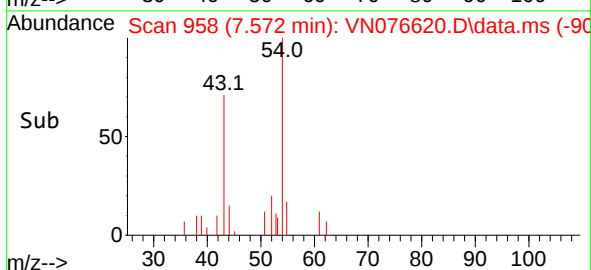
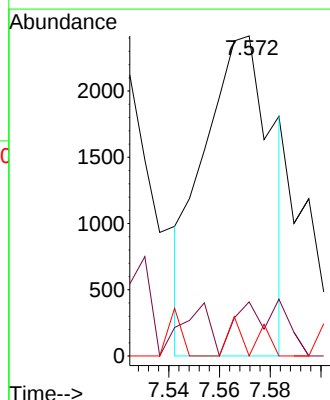
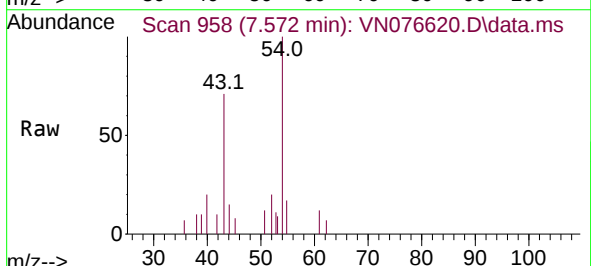
Reviewed By :John Carlone 02/14/2023

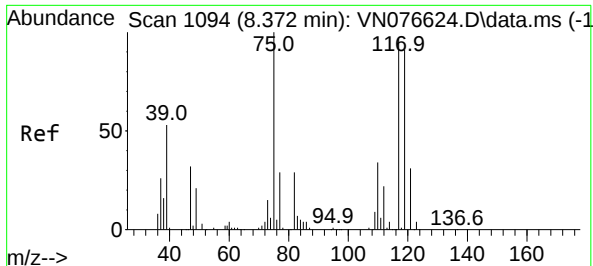
Supervised By :Mahesh Dadoda 02/14/2023



#37
Ethyl Acetate
Concen: 1.250 ug/l m
RT: 7.572 min Scan# 958
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

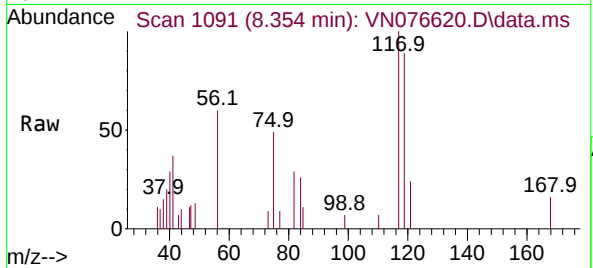
Tgt Ion: 43 Resp: 4564
Ion Ratio Lower Upper
43 100
61 11.7 11.8 17.6#
70 4.2 10.4 15.6#





#38
Carbon Tetrachloride
Concen: 1.029 ug/l
RT: 8.354 min Scan# 1094
Delta R.T. -0.011 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

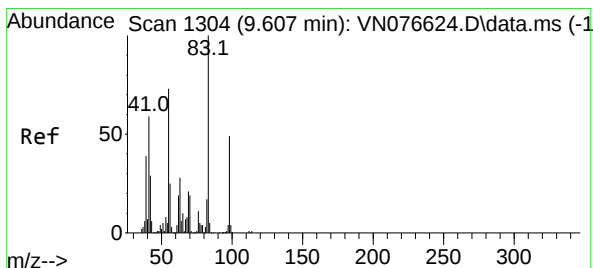
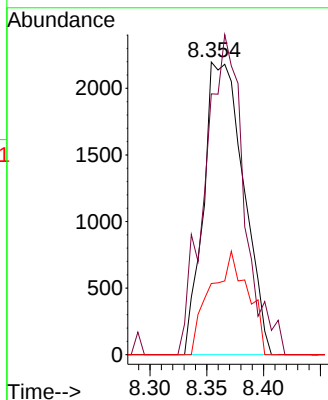
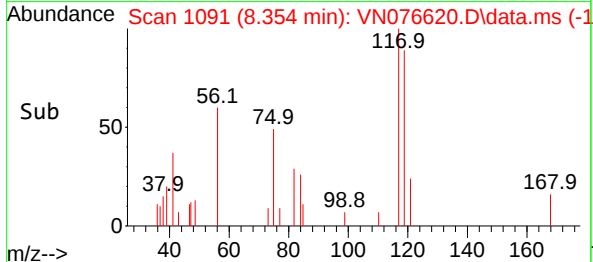
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 5390
Ion Ratio Lower Upper
117 100
119 89.1 77.2 115.8
121 24.3 23.9 35.9

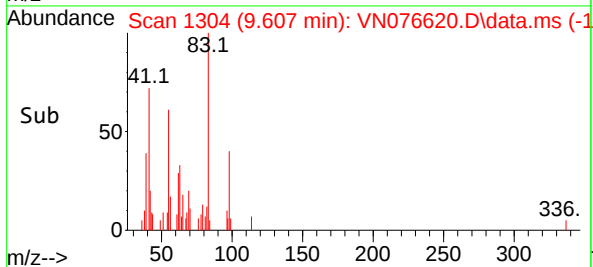
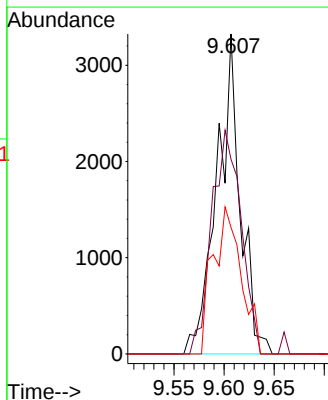
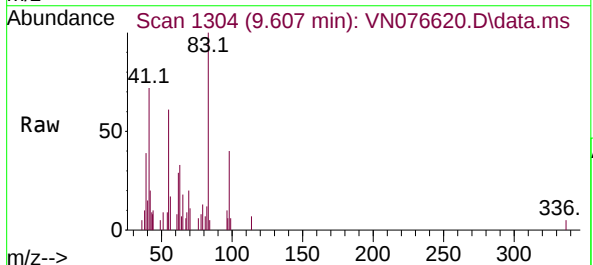
Manual Integrations
APPROVED

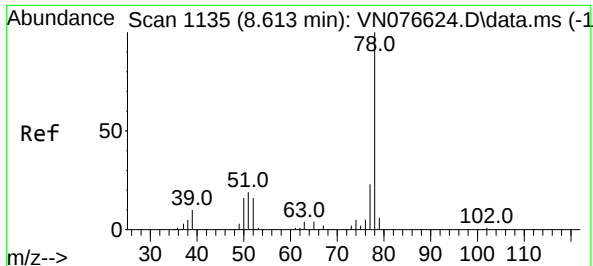
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#39
Methylcyclohexane
Concen: 0.899 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion: 83 Resp: 5442
Ion Ratio Lower Upper
83 100
55 60.9 53.8 80.6
98 39.5 39.0 58.6





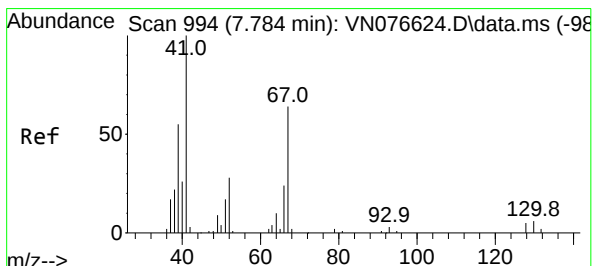
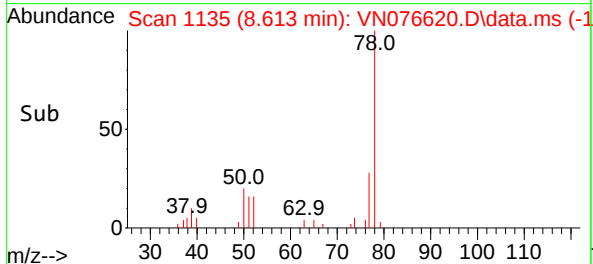
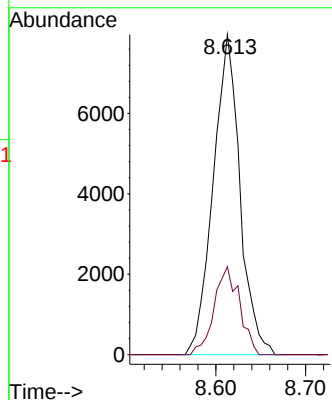
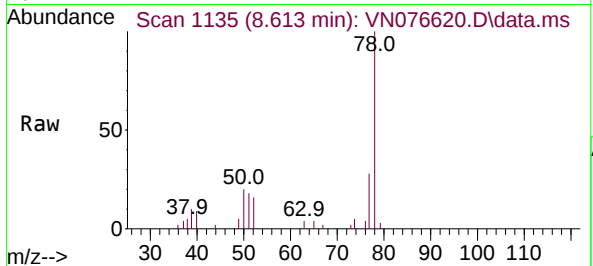
#40
Benzene
Concen: 1.114 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 1646
Ion Ratio Lower Upper
78 100
77 27.5 18.6 27.8

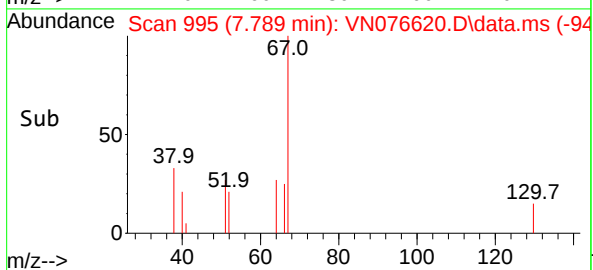
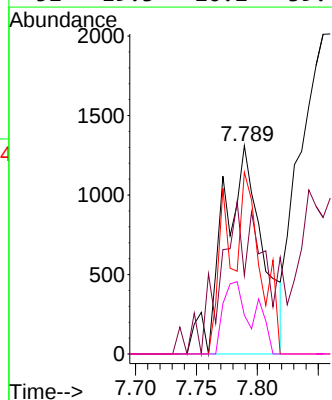
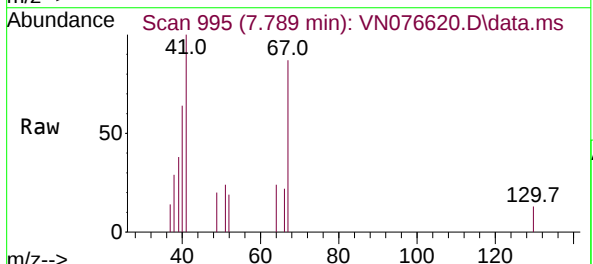
Manual Integrations
APPROVED

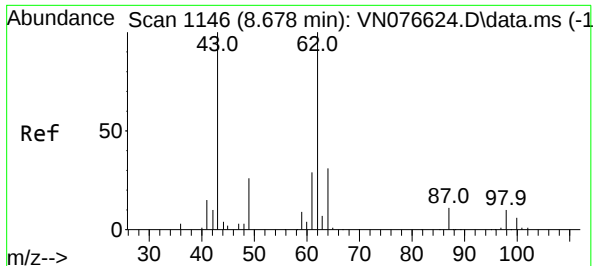
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#41
Methacrylonitrile
Concen: 1.427 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion: 41 Resp: 2950
Ion Ratio Lower Upper
41 100
39 46.6 41.3 61.9
67 42.7 69.6 104.4#
52 19.3 26.2 39.4#





#42

1,2-Dichloroethane

Concen: 1.279 ug/l

RT: 8.672 min Scan# 1145

Delta R.T. -0.005 min

Lab File: VN076620.D

Acq: 13 Feb 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 615

Ion Ratio Lower Upper

62 100

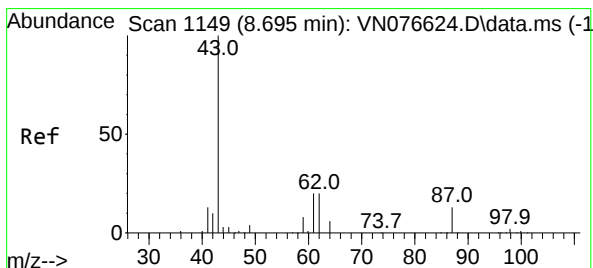
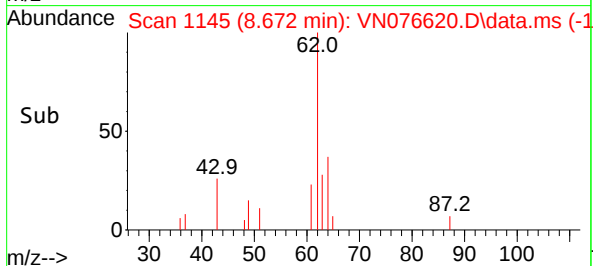
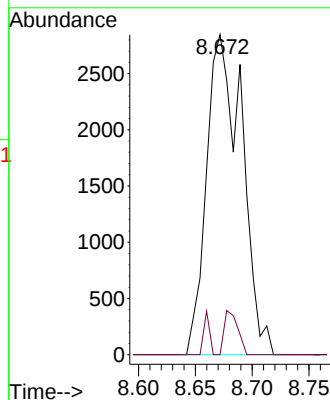
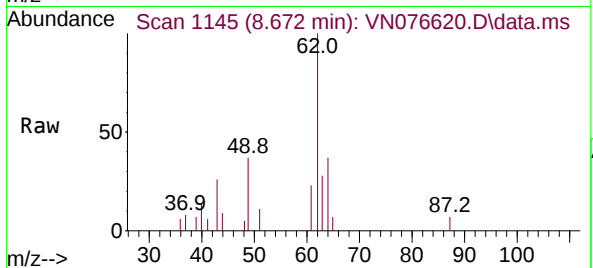
98 5.3 0.0 21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#43

Isopropyl Acetate

Concen: 1.305 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.001 min

Lab File: VN076620.D

Acq: 13 Feb 2023 10:16

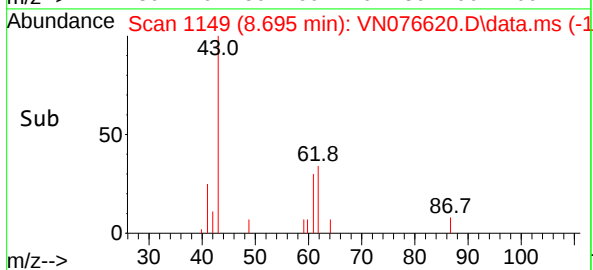
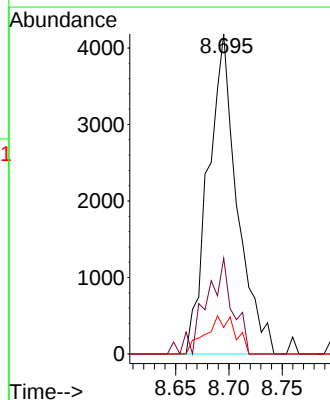
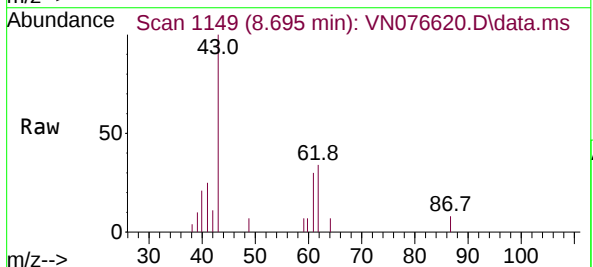
Tgt Ion: 43 Resp: 7932

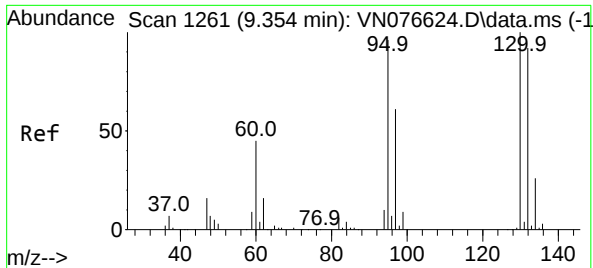
Ion Ratio Lower Upper

43 100

61 27.8 24.5 36.7

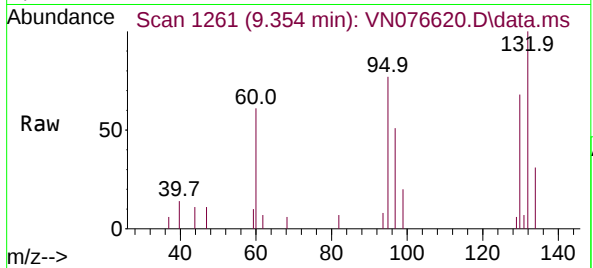
87 12.2 13.6 20.4





#44
Trichloroethene
Concen: 0.909 ug/l
RT: 9.354 min Scan# 1106
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

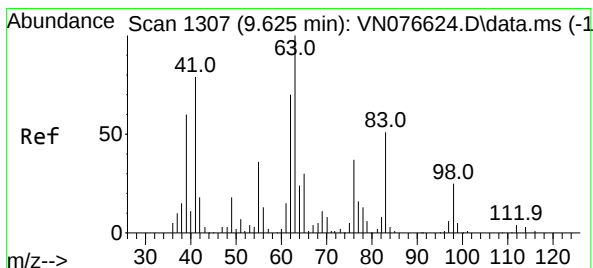
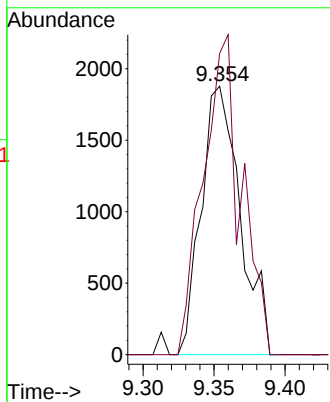
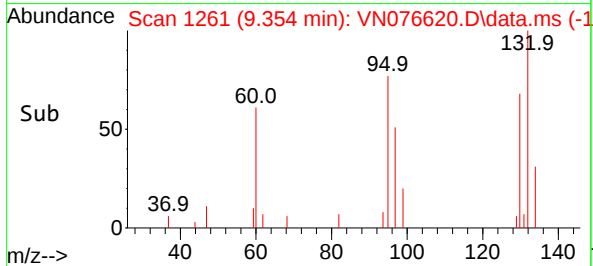
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



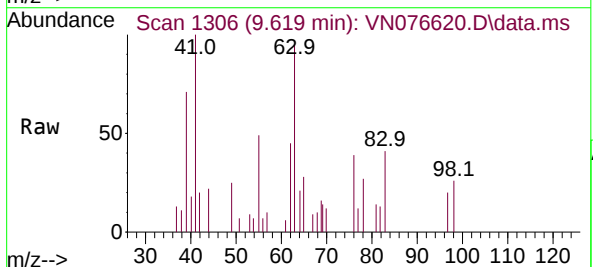
Tgt Ion:130 Resp: 3588
Ion Ratio Lower Upper
130 100
95 112.2 0.0 196.0

Manual Integrations
APPROVED

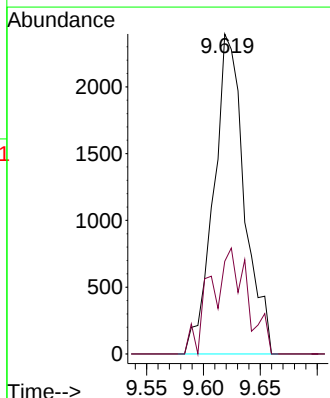
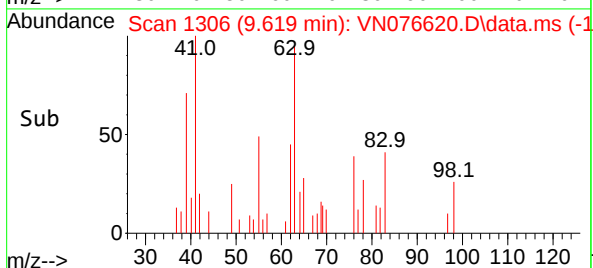
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

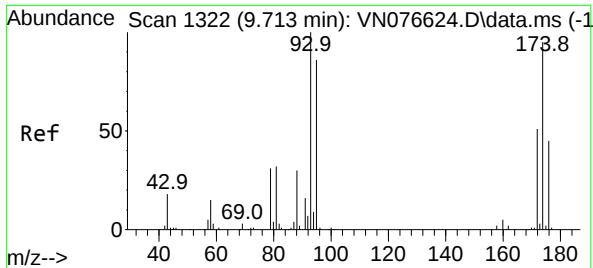


#45
1,2-Dichloropropane
Concen: 1.268 ug/l
RT: 9.619 min Scan# 1306
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16



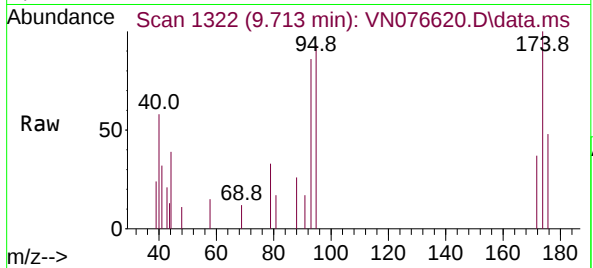
Tgt Ion: 63 Resp: 4500
Ion Ratio Lower Upper
63 100
65 28.9 26.0 39.0





#46
Dibromomethane
Concen: 1.068 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

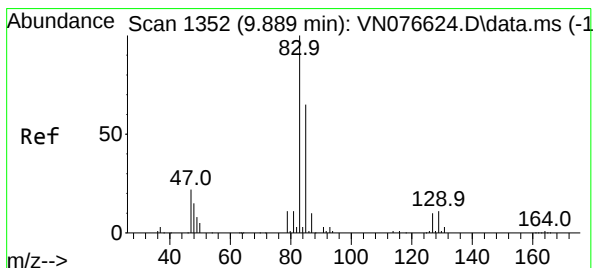
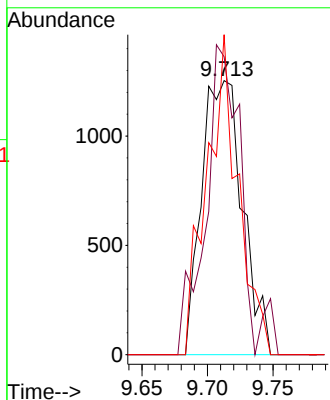
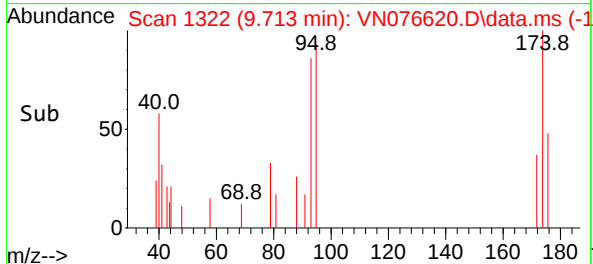
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



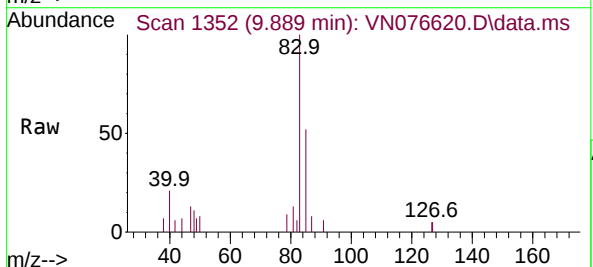
Tgt Ion: 93 Resp: 2734
Ion Ratio Lower Upper
93 100
95 91.8 68.0 102.0
174 88.8 80.9 121.3

Manual Integrations
APPROVED

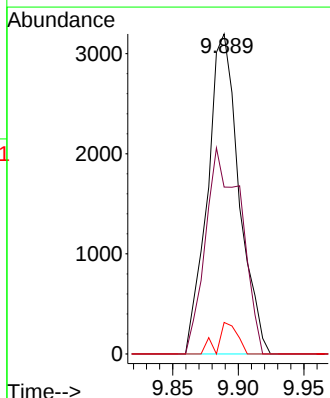
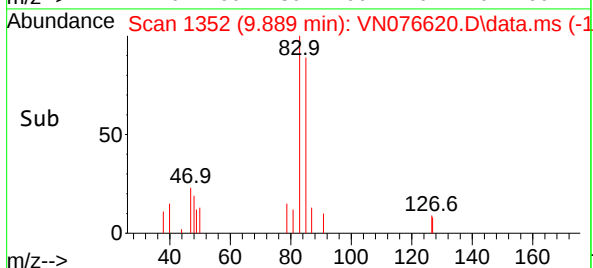
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

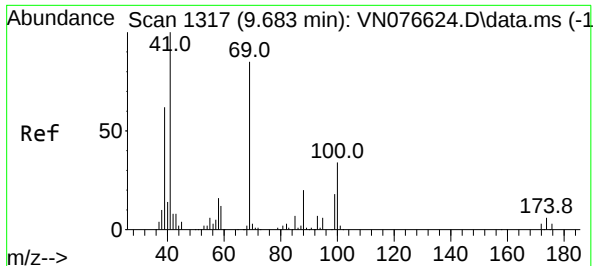


#47
Bromodichloromethane
Concen: 1.039 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16



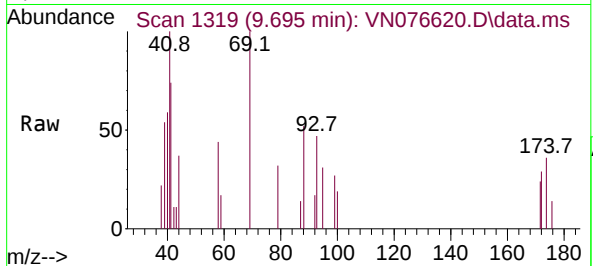
Tgt Ion: 83 Resp: 5349
Ion Ratio Lower Upper
83 100
85 52.1 50.7 76.1
127 9.9 7.0 10.6





#48
Methyl methacrylate
Concen: 1.428 ug/l
RT: 9.695 min Scan# 1317
Delta R.T. 0.012 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

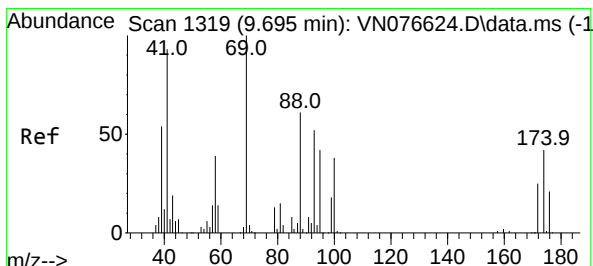
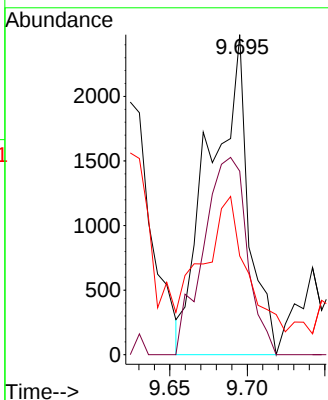
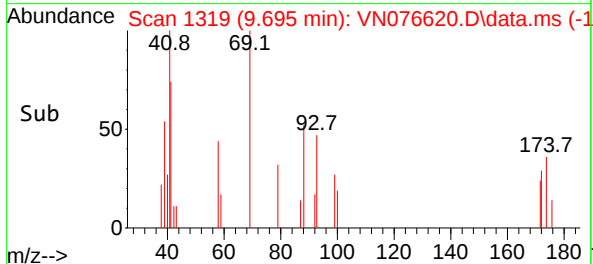
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



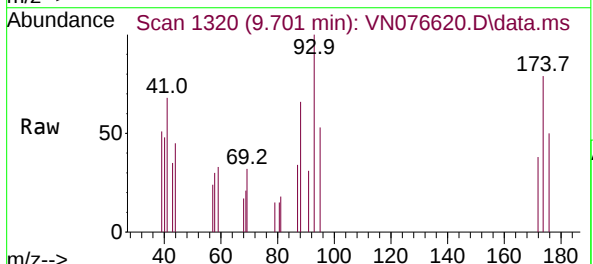
Tgt Ion: 41 Resp: 426
Ion Ratio Lower Upper
41 100
69 70.3 83.0 124.4
39 67.9 43.8 65.8

Manual Integrations
APPROVED

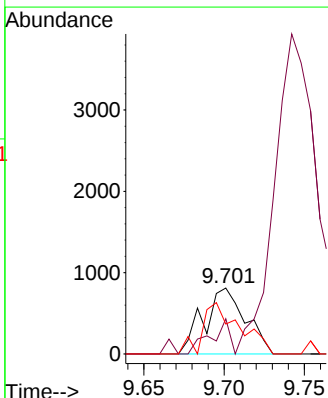
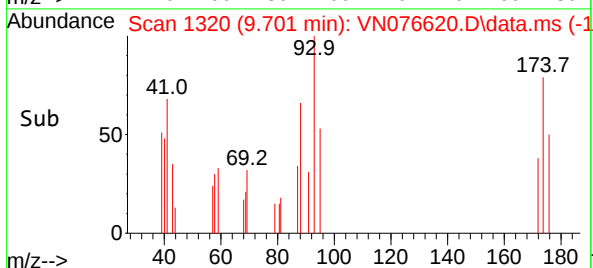
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

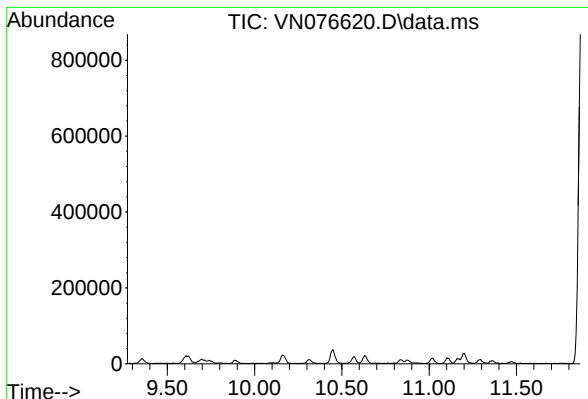


#49
1,4-Dioxane
Concen: 22.840 ug/l m
RT: 9.701 min Scan# 1320
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16



Tgt Ion: 88 Resp: 1460
Ion Ratio Lower Upper
88 100
43 24.1 16.7 25.1
58 70.0 51.7 77.5





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.57 min

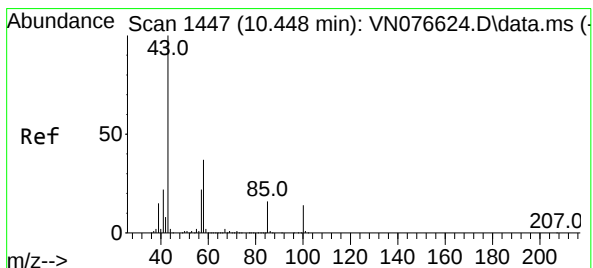
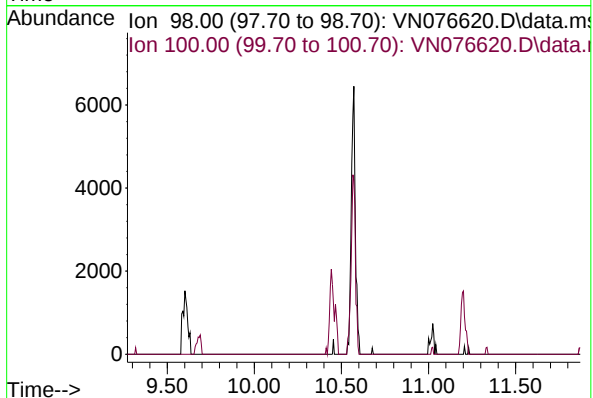
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 66.1

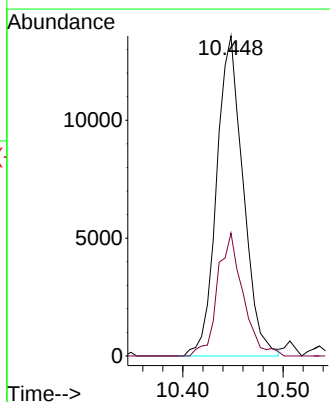
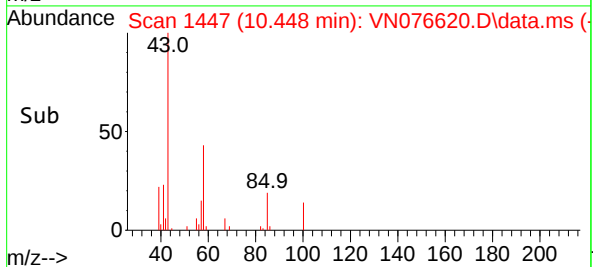
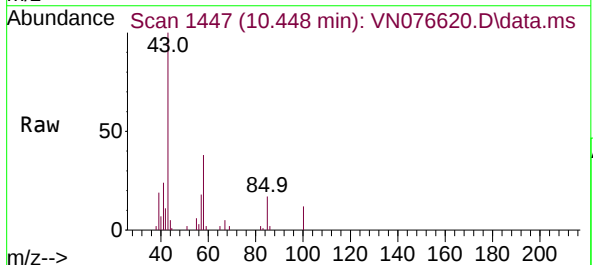
Manual Integrations APPROVED

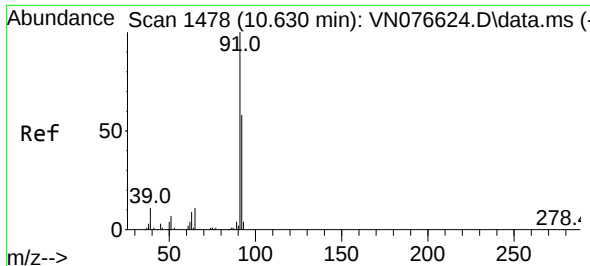
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#51
4-Methyl-2-Pentanone
Concen: 6.853 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion: 43 Resp: 25024
Ion Ratio Lower Upper
43 100
58 36.8 36.4 54.6





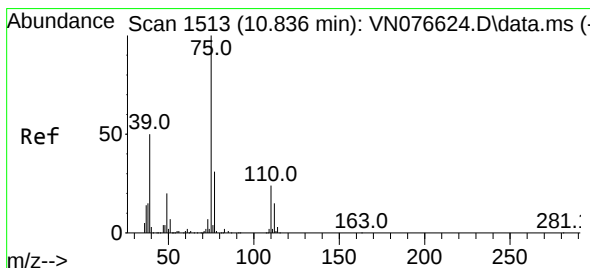
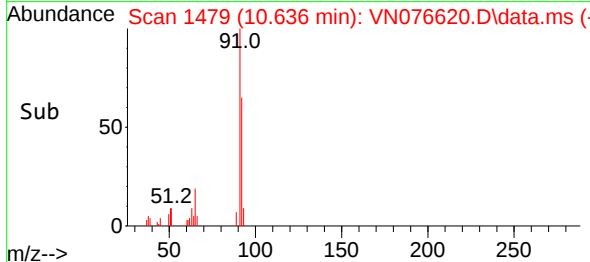
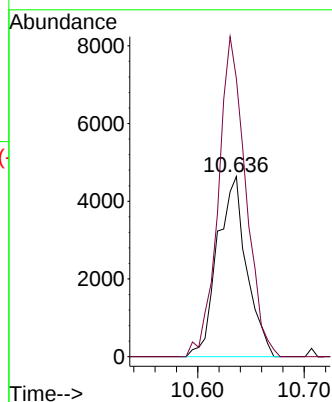
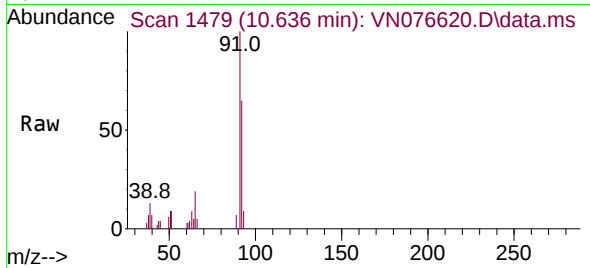
#52
Toluene
Concen: 0.927 ug/l
RT: 10.636 min Scan# 1478
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 92 Resp: 884
Ion Ratio Lower Upper
92 100
91 166.8 136.3 204.5

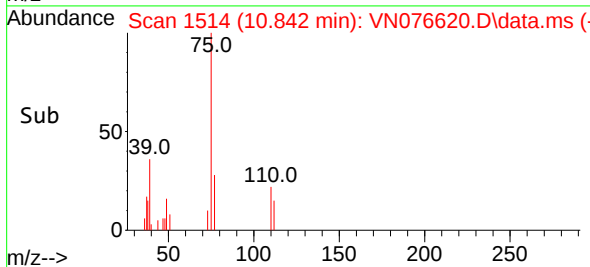
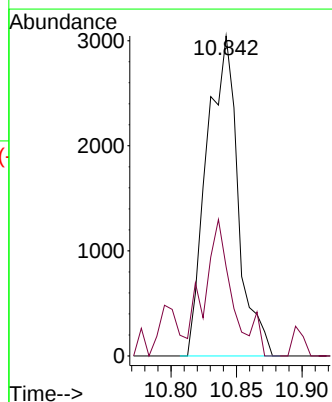
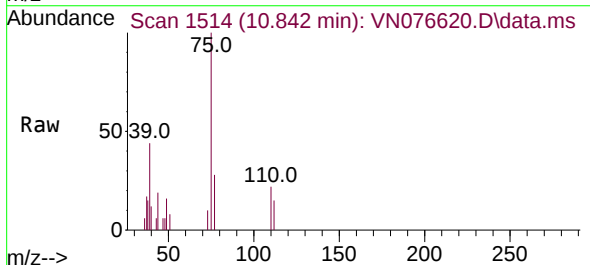
Manual Integrations
APPROVED

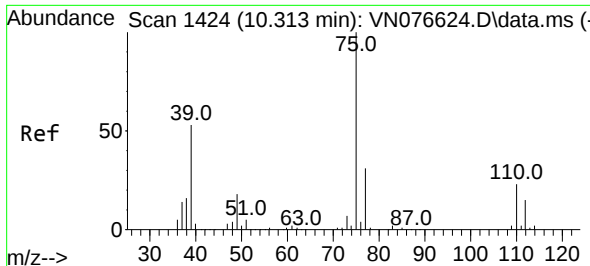
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#53
t-1,3-Dichloropropene
Concen: 1.016 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.007 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

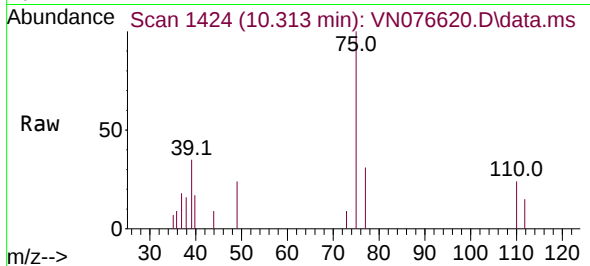
Tgt Ion: 75 Resp: 5051
Ion Ratio Lower Upper
75 100
77 27.8 24.5 36.7





#54
 cis-1,3-Dichloropropene
 Concen: 0.999 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.005 min
 Lab File: VN076620.D
 Acq: 13 Feb 2023 10:16

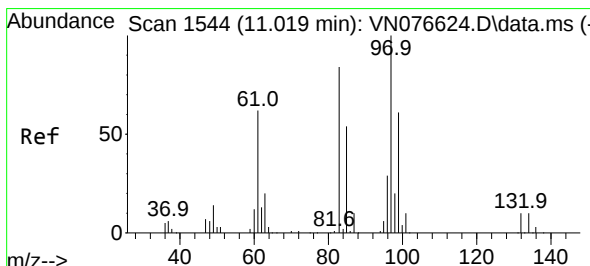
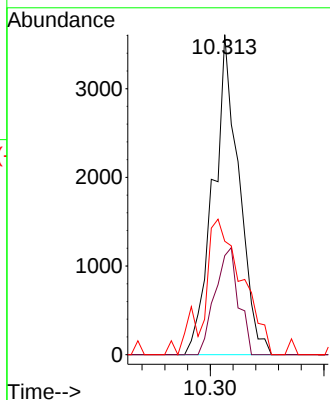
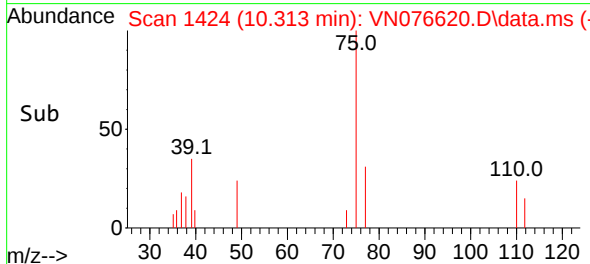
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 566
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0
 39 35.5 31.1 46.7

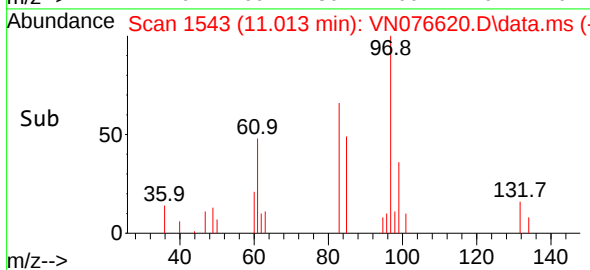
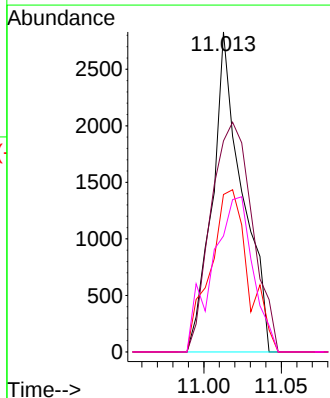
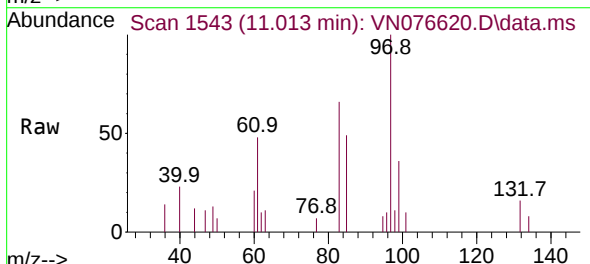
Manual Integrations
 APPROVED

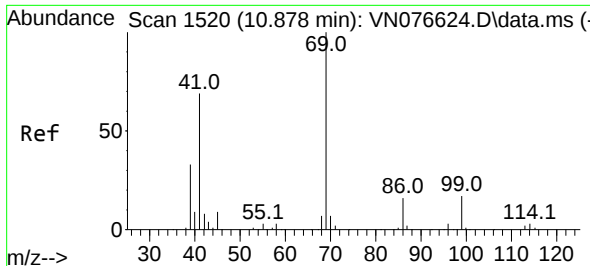
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#55
 1,1,2-Trichloroethane
 Concen: 1.012 ug/l
 RT: 11.013 min Scan# 1543
 Delta R.T. -0.005 min
 Lab File: VN076620.D
 Acq: 13 Feb 2023 10:16

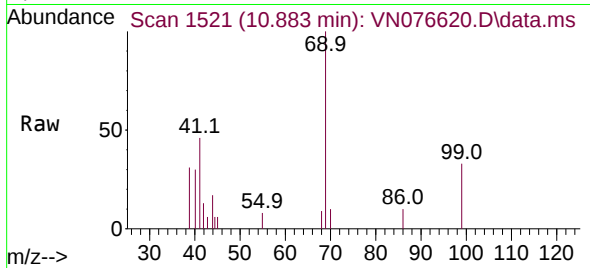
Tgt Ion: 97 Resp: 3781
 Ion Ratio Lower Upper
 97 100
 83 65.9 67.5 101.3#
 85 49.2 43.0 64.6
 99 36.3 49.5 74.3#





#56
Ethyl methacrylate
Concen: 0.904 ug/l
RT: 10.883 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

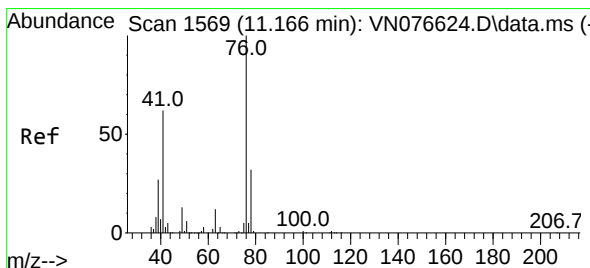
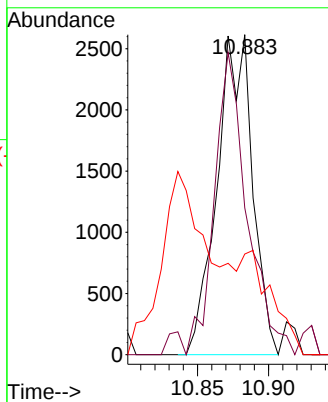
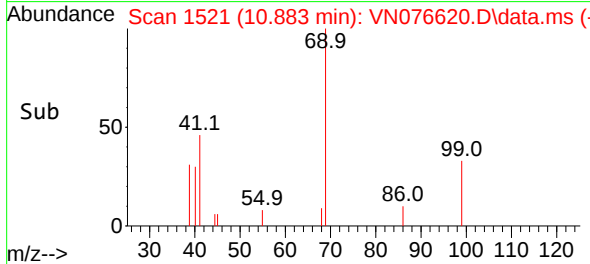
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 4520
Ion Ratio Lower Upper
69 100
41 87.4 43.5 65.3
39 0.0 21.3 31.9

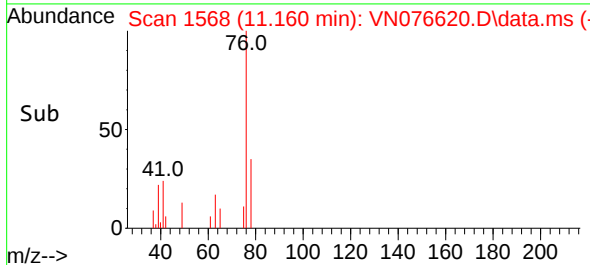
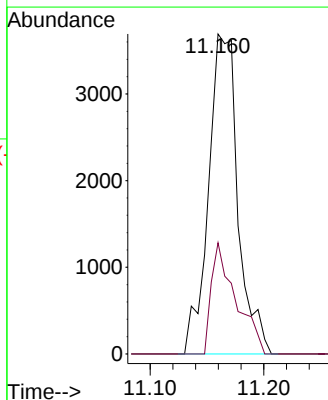
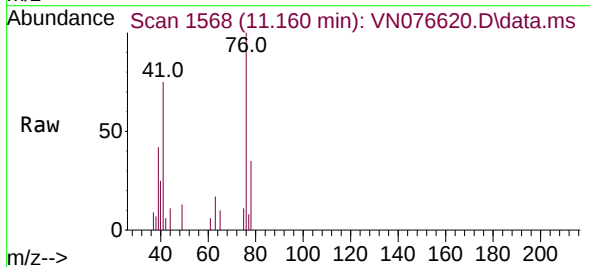
Manual Integrations
APPROVED

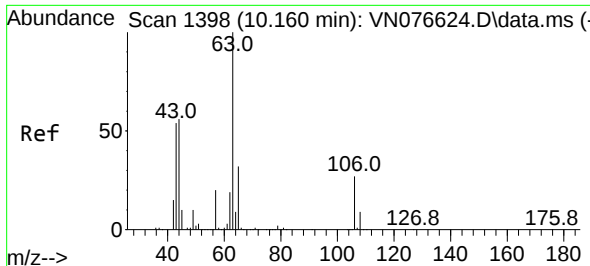
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#57
1,3-Dichloropropane
Concen: 1.103 ug/l
RT: 11.160 min Scan# 1568
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

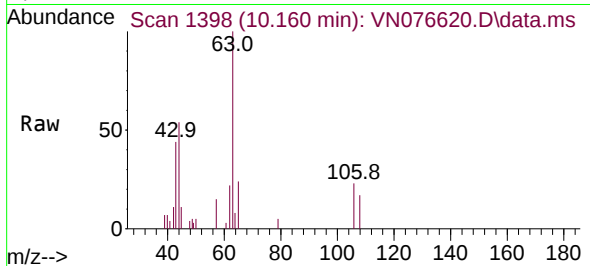
Tgt Ion: 76 Resp: 6668
Ion Ratio Lower Upper
76 100
78 28.7 26.2 39.4





#58
2-Chloroethyl Vinyl ether
Concen: 7.458 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

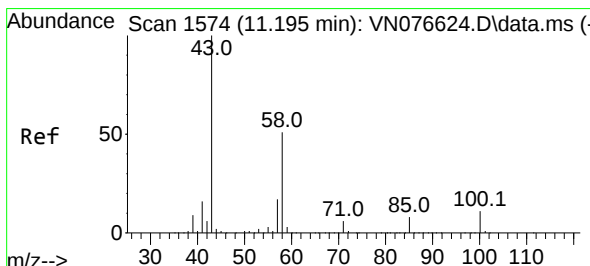
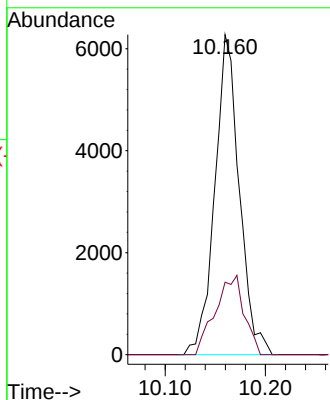
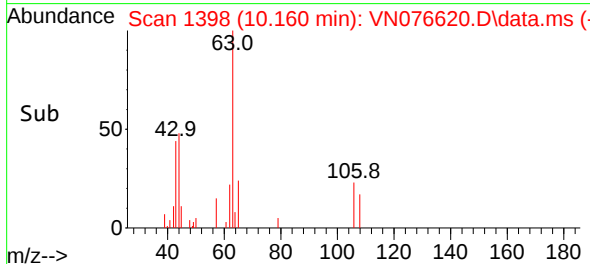
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



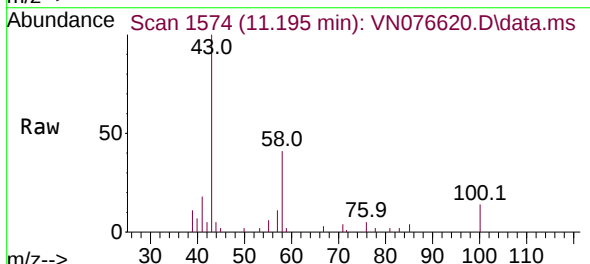
Tgt Ion: 63 Resp: 10652
Ion Ratio Lower Upper
63 100
106 29.1 25.6 38.4

Manual Integrations
APPROVED

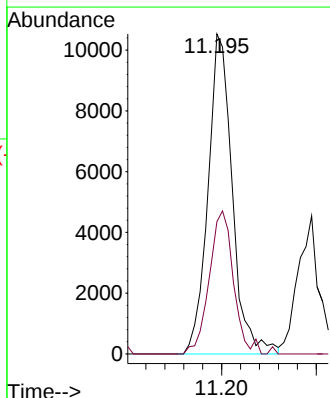
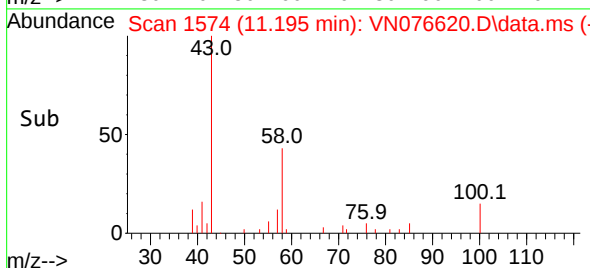
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

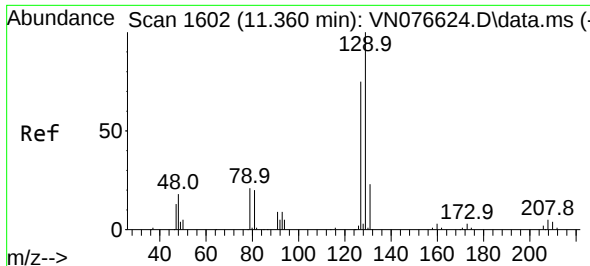


#59
2-Hexanone
Concen: 7.208 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16



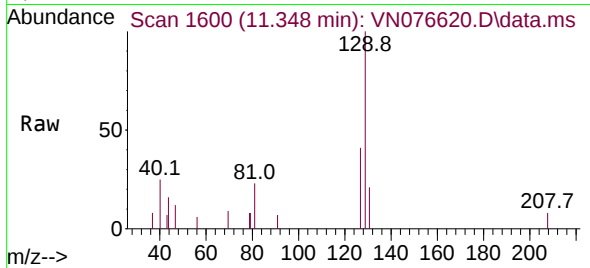
Tgt Ion: 43 Resp: 18766
Ion Ratio Lower Upper
43 100
58 44.5 31.8 95.4





#60
Dibromochloromethane
Concen: 1.118 ug/l
RT: 11.348 min Scan# 1600
Delta R.T. -0.017 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

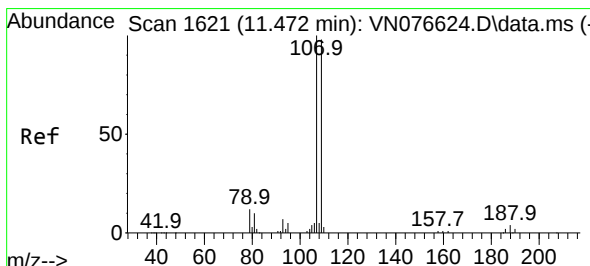
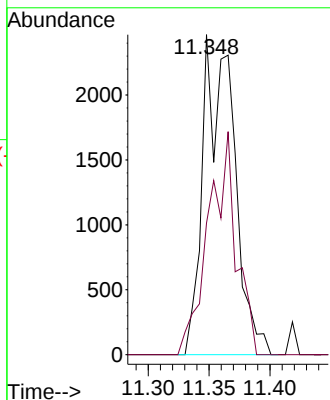
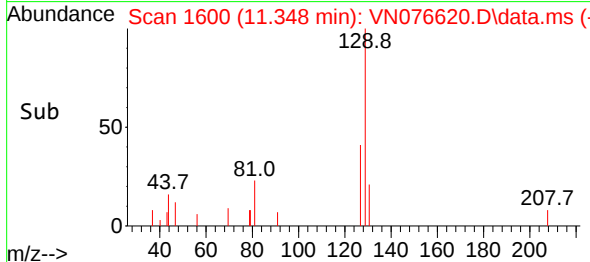
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:129 Resp: 4398
Ion Ratio Lower Upper
129 100
127 61.8 38.9 116.7

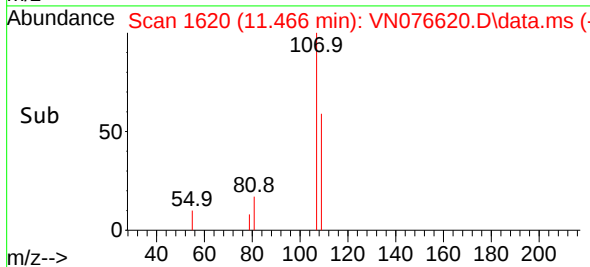
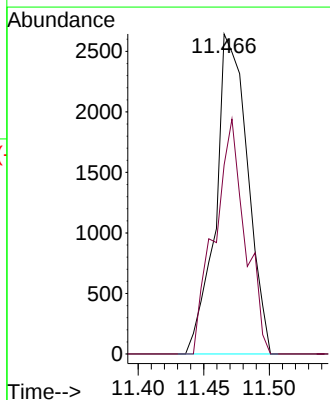
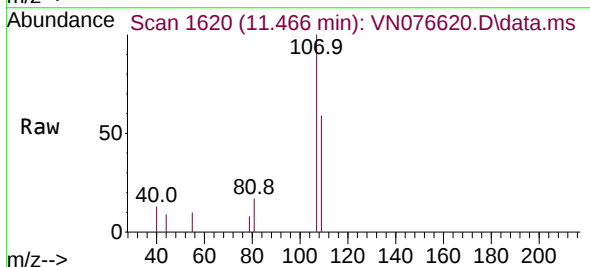
Manual Integrations
APPROVED

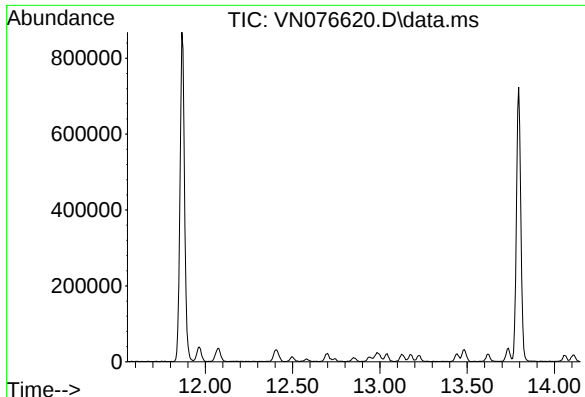
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#61
1,2-Dibromoethane
Concen: 1.212 ug/l
RT: 11.466 min Scan# 1620
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion:107 Resp: 4482
Ion Ratio Lower Upper
107 100
109 70.4 75.4 113.0#





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.85 min

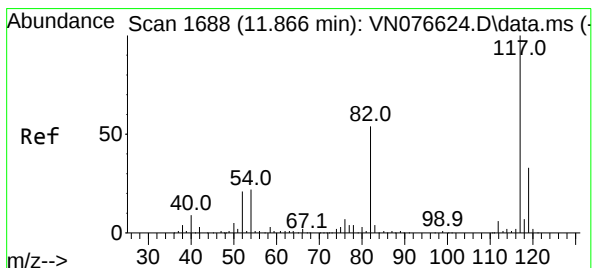
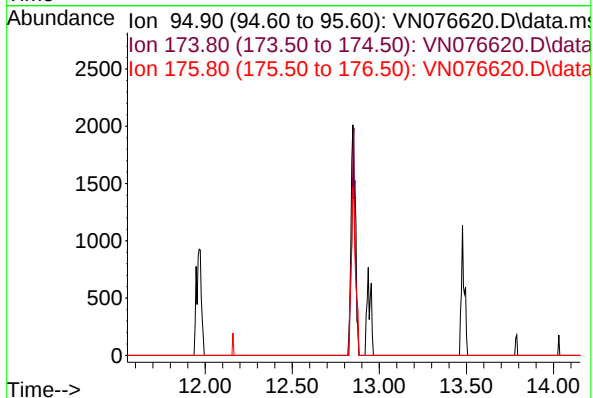
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 95
Sig Exp Ratio
95 100
174 77.0
176 76.0

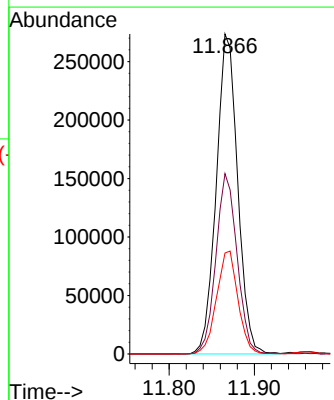
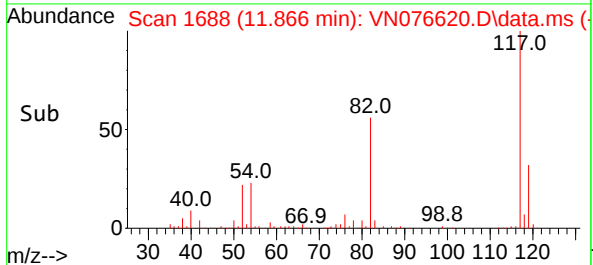
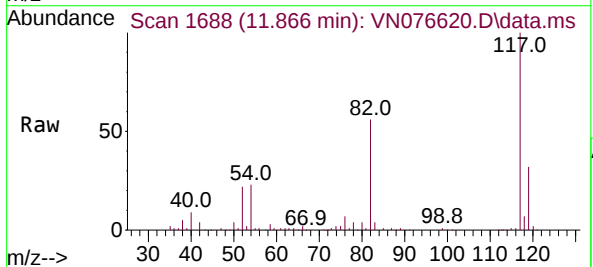
Manual Integrations
APPROVED

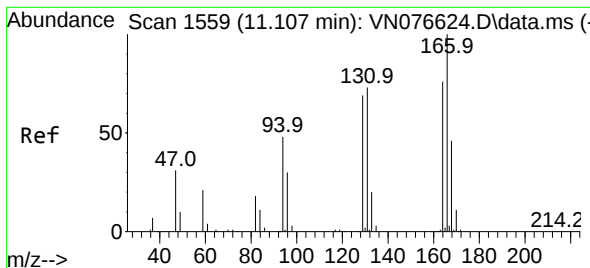
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion:117 Resp: 477409
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.4
119 31.5 25.1 37.7





#64

Tetrachloroethene

Concen: 0.808 ug/l

RT: 11.101 min Scan# 1558

Delta R.T. -0.005 min

Lab File: VN076620.D

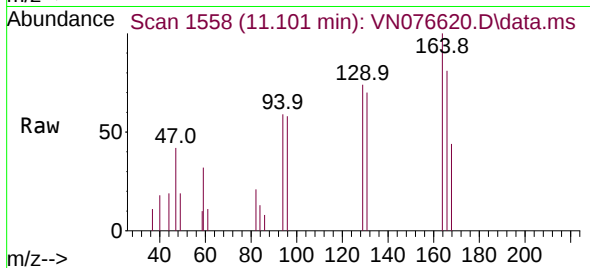
Acq: 13 Feb 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



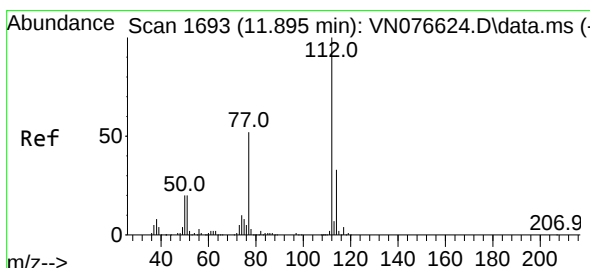
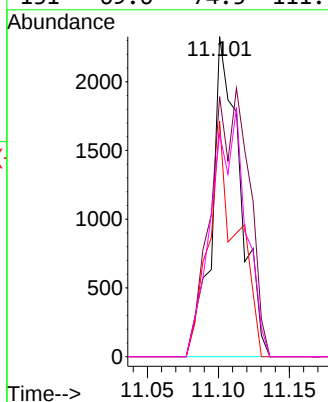
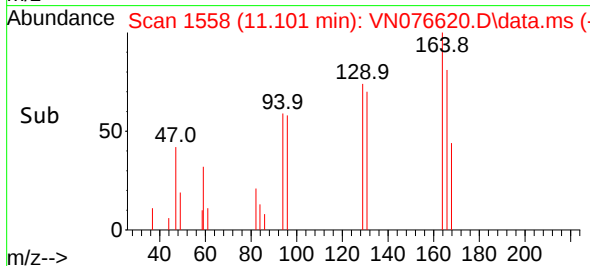
Tgt Ion:164	Resp:	321
Ion Ratio	Lower	Upper
164	100	
166	81.2	100.2 150.4
129	73.6	76.8 115.2
131	69.6	74.5 111.7

Manual Integrations

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Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#65

Chlorobenzene

Concen: 1.091 ug/l

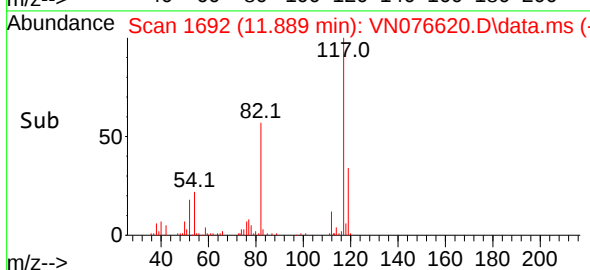
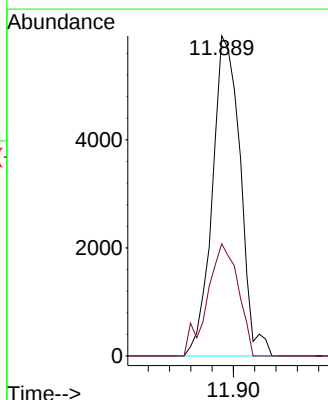
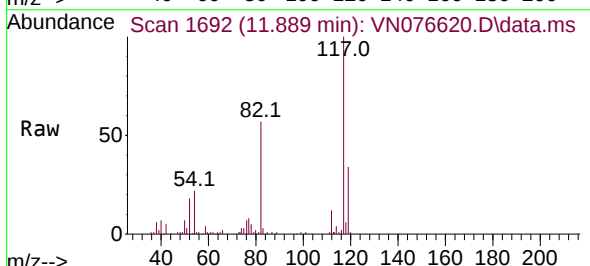
RT: 11.889 min Scan# 1692

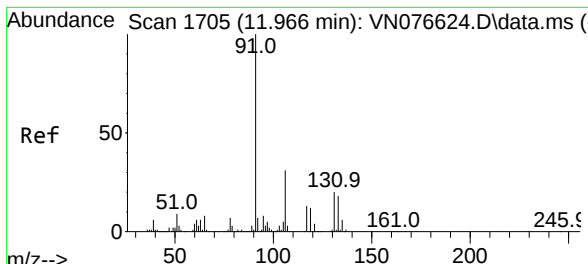
Delta R.T. -0.005 min

Lab File: VN076620.D

Acq: 13 Feb 2023 10:16

Tgt Ion:112	Resp:	10775
Ion Ratio	Lower	Upper
112	100	
114	35.0	25.3 37.9





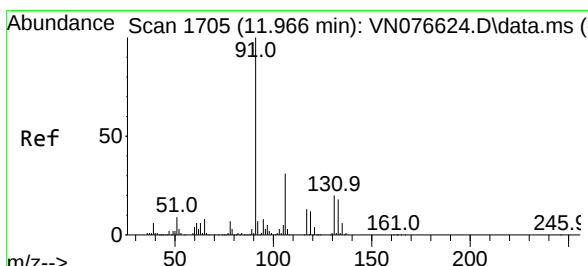
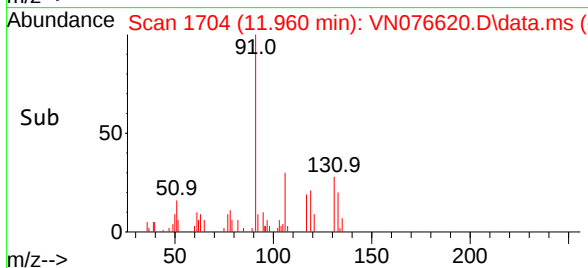
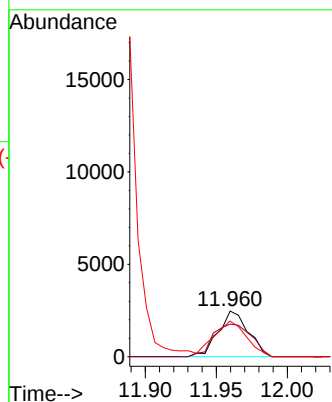
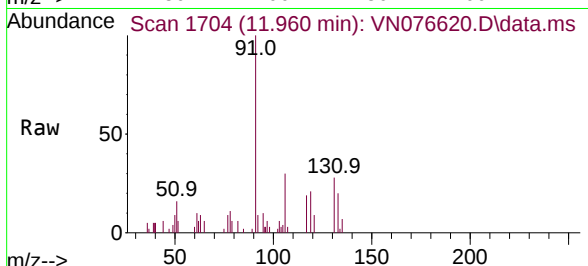
#66
1,1,1,2-Tetrachloroethane
Concen: 0.992 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:131 Resp: 362
Ion Ratio Lower Upper
131 100
133 91.1 48.0 144.2
119 0.0 32.4 97.0

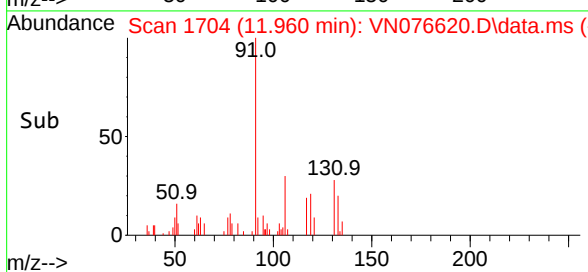
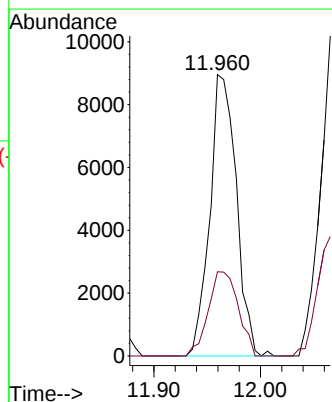
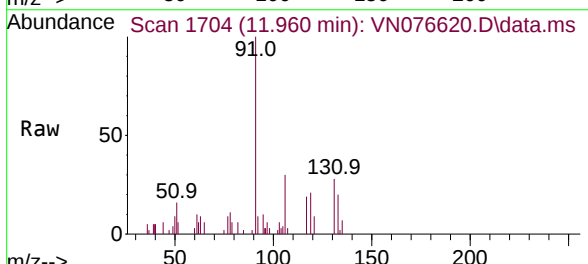
Manual Integrations
APPROVED

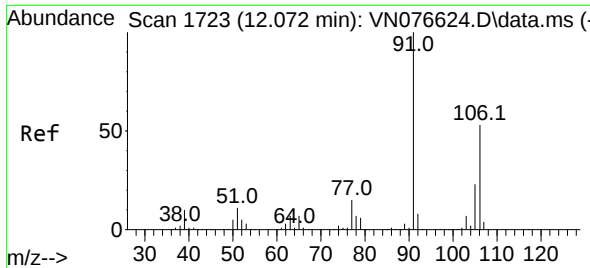
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#67
Ethyl Benzene
Concen: 0.882 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion: 91 Resp: 15484
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3





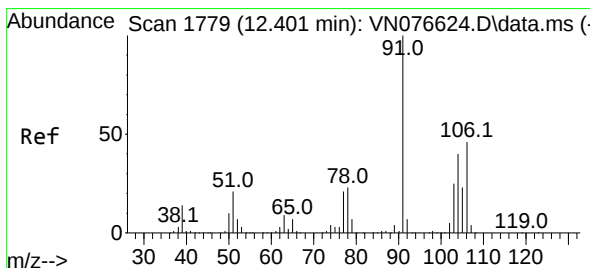
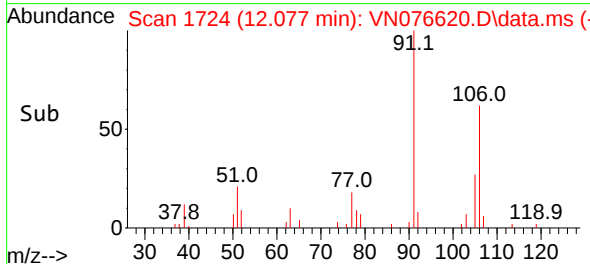
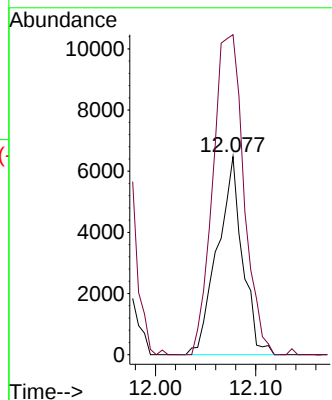
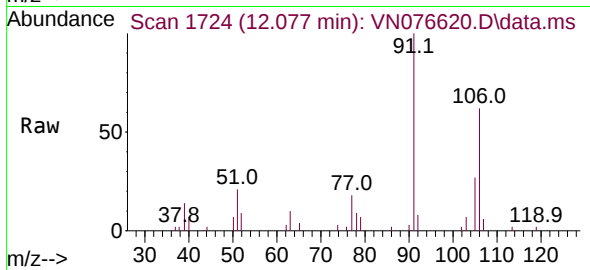
#68
m/p-Xylenes
Concen: 1.645 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 1124
Ion Ratio Lower Upper
106 100
91 199.6 160.2 240.4

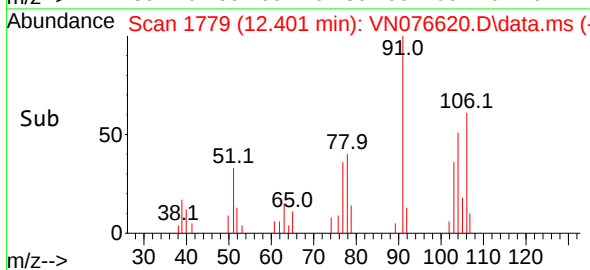
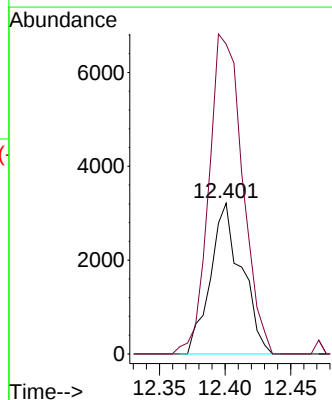
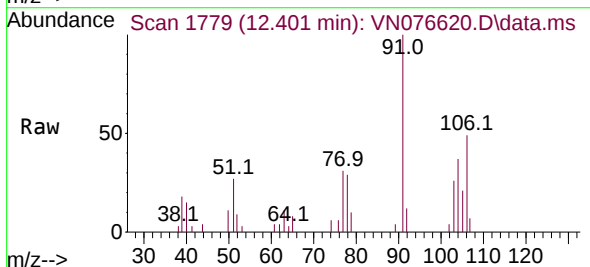
Manual Integrations
APPROVED

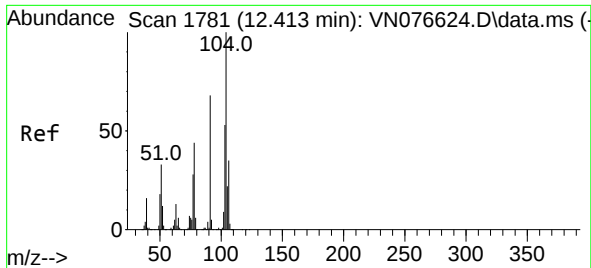
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#69
o-Xylene
Concen: 0.797 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

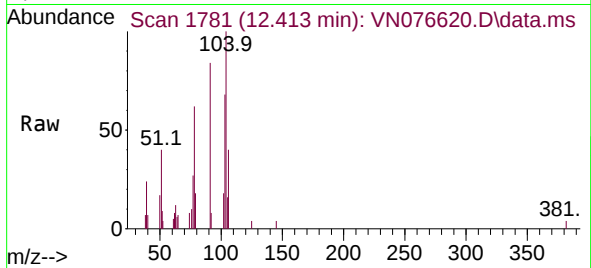
Tgt Ion:106 Resp: 5333
Ion Ratio Lower Upper
106 100
91 228.2 106.2 318.5





#70
Styrene
Concen: 0.767 ug/l
RT: 12.413 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

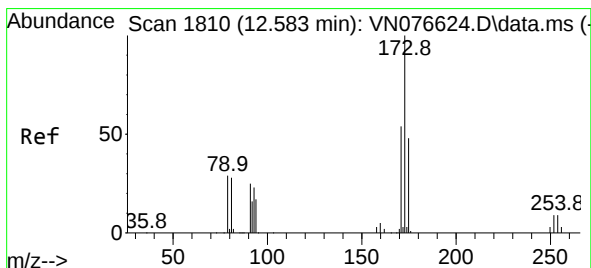
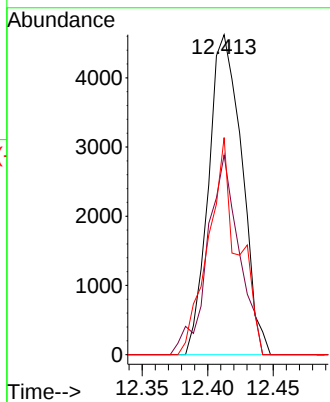
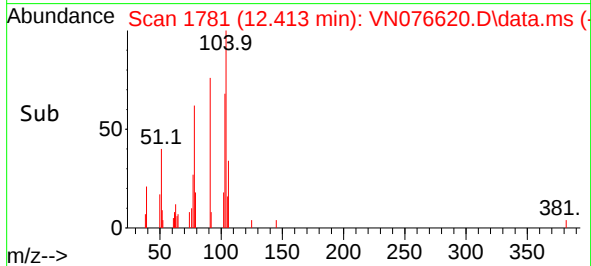
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:104 Resp: 817
Ion Ratio Lower Upper
104 100
78 59.1 38.2 57.4
103 60.5 43.7 65.5

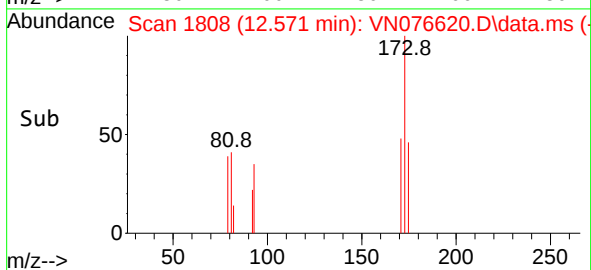
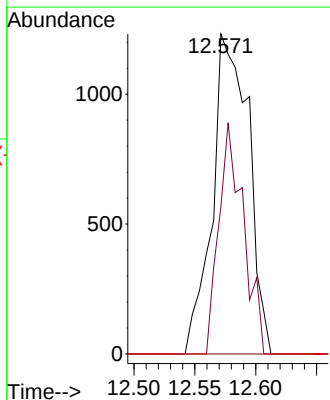
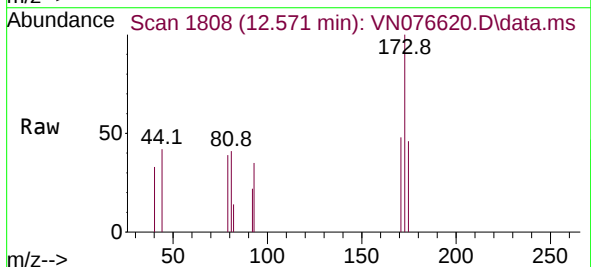
Manual Integrations
APPROVED

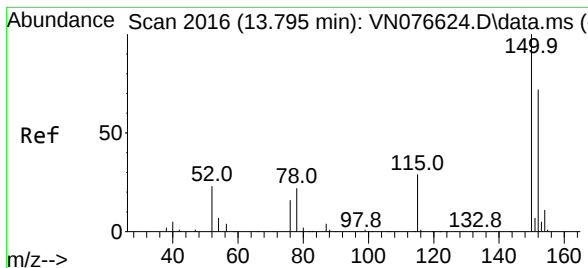
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#71
Bromoform
Concen: 0.998 ug/l
RT: 12.571 min Scan# 1808
Delta R.T. -0.011 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

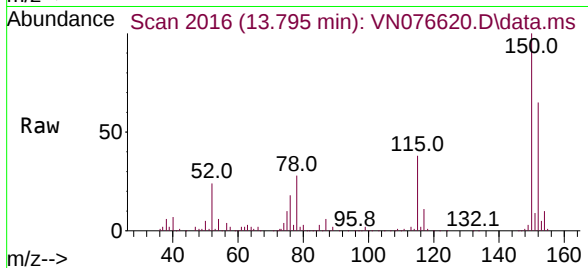
Tgt Ion:173 Resp: 2548
Ion Ratio Lower Upper
173 100
175 49.3 24.8 74.3
254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

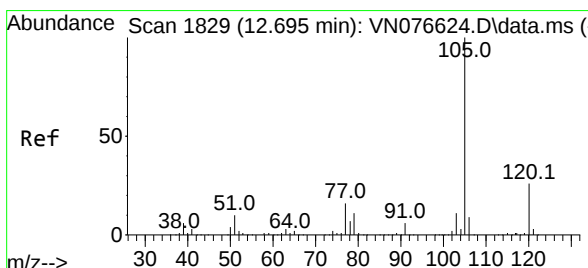
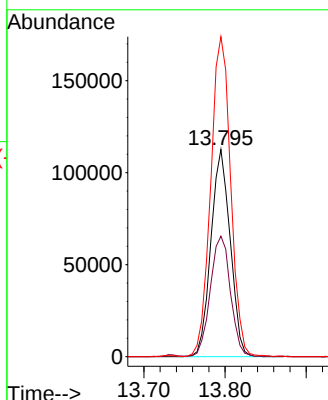
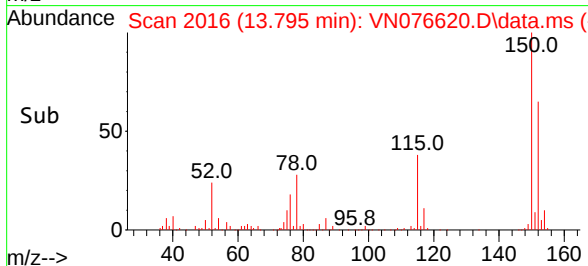
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



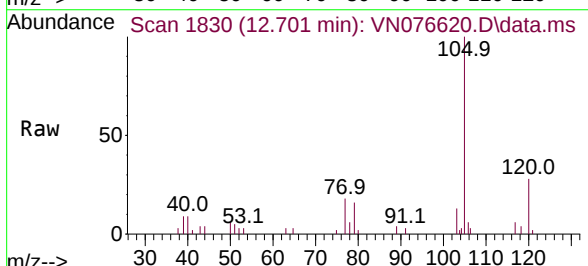
Tgt Ion:152 Resp: 185712
Ion Ratio Lower Upper
152 100
115 60.7 30.8 92.3
150 160.2 0.0 348.8

Manual Integrations
APPROVED

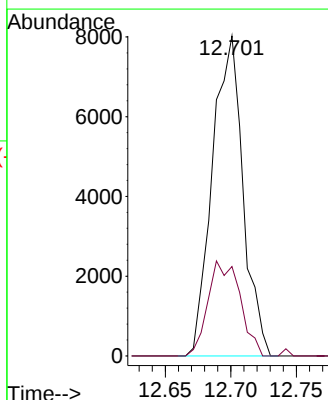
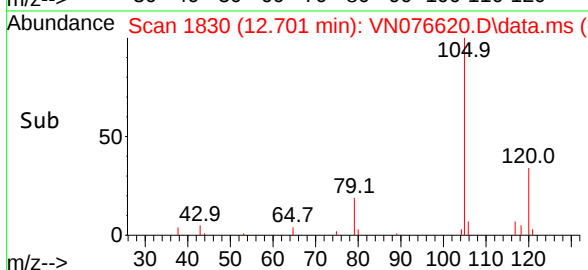
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

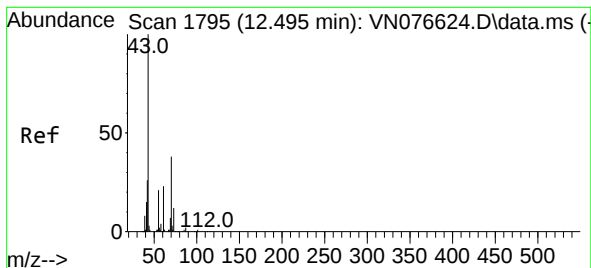


#73
Isopropylbenzene
Concen: 0.857 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16



Tgt Ion:105 Resp: 13036
Ion Ratio Lower Upper
105 100
120 31.1 13.0 39.0





#74

N-ethyl acetate

Concen: 1.466 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.001 min

Lab File: VN076620.D

Acq: 13 Feb 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

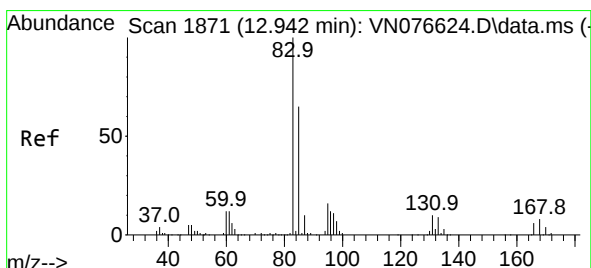
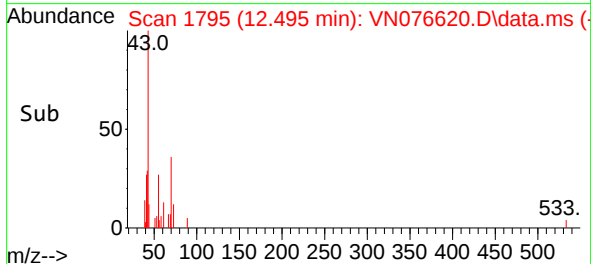
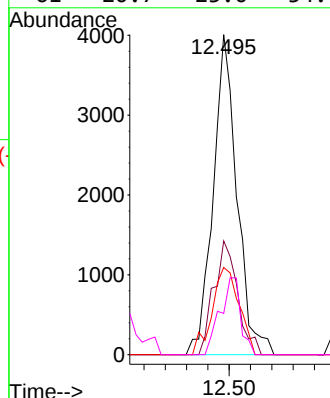
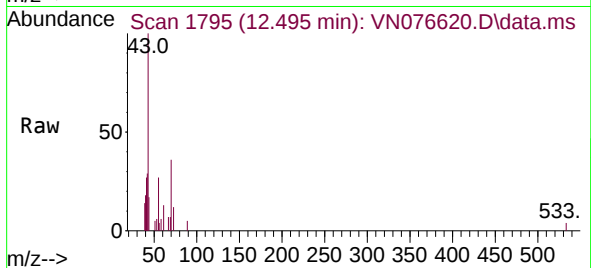
Tgt Ion: 43	Resp: 6210
Ion Ratio	Lower Upper
43 100	
70 35.4	43.1 64.7
55 30.8	22.4 33.6
61 20.7	23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#75

1,1,2,2-Tetrachloroethane

Concen: 1.456 ug/l

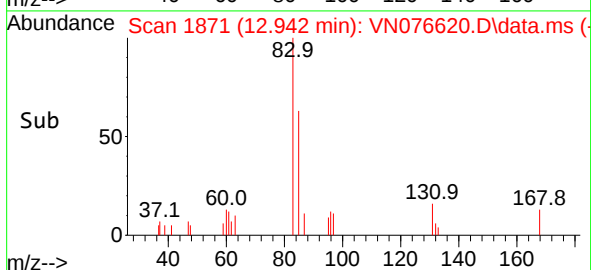
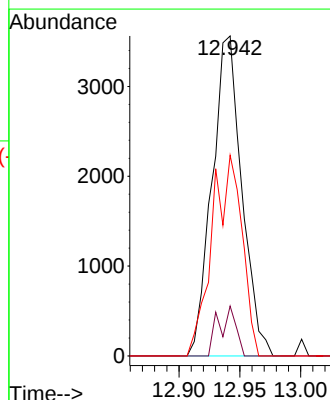
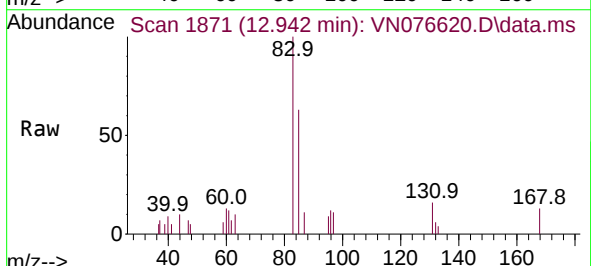
RT: 12.942 min Scan# 1871

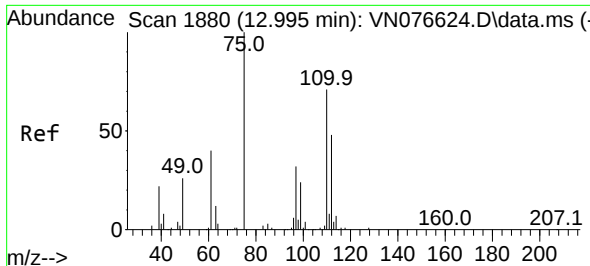
Delta R.T. 0.001 min

Lab File: VN076620.D

Acq: 13 Feb 2023 10:16

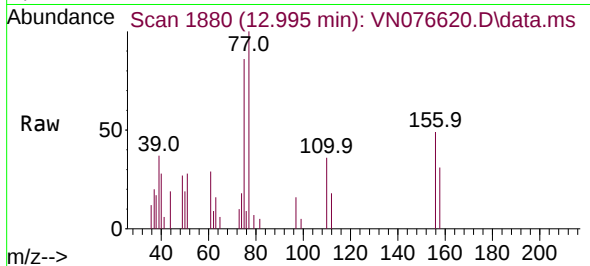
Tgt Ion: 83	Resp: 6071
Ion Ratio	Lower Upper
83 100	
131 9.0	5.3 16.1
85 63.0	32.4 97.0





#76
1,2,3-Trichloropropane
Concen: 1.017 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

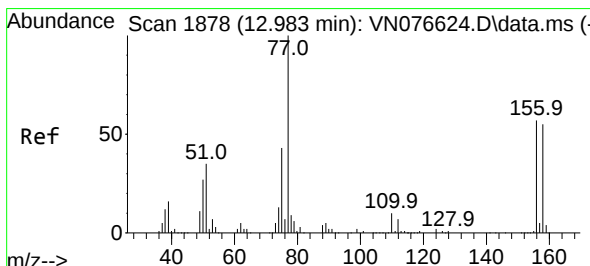
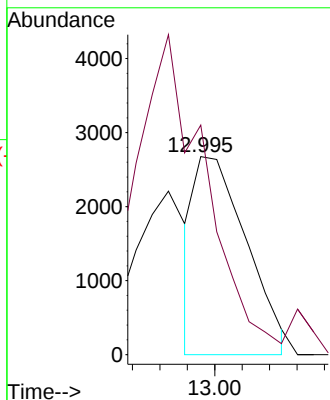
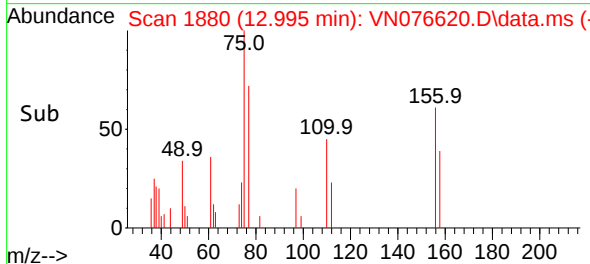
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



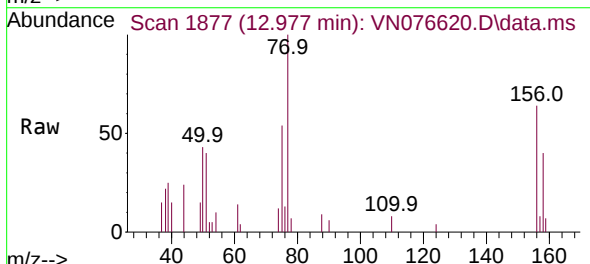
Tgt Ion: 75 Resp: 352
Ion Ratio Lower Upper
75 100
77 220.8 87.5 262.5

Manual Integrations
APPROVED

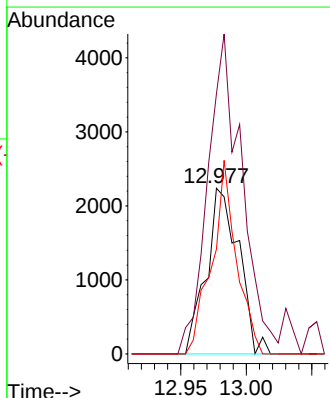
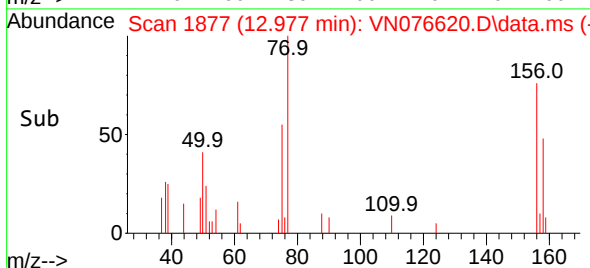
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

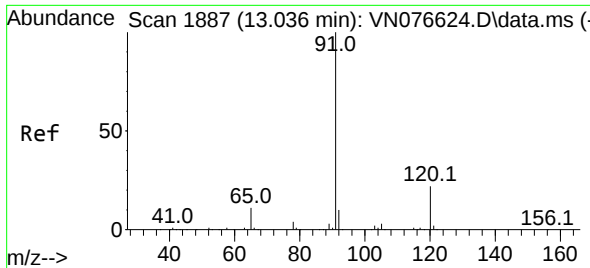


#77
Bromobenzene
Concen: 1.086 ug/l
RT: 12.977 min Scan# 1877
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16



Tgt Ion:156 Resp: 3842
Ion Ratio Lower Upper
156 100
77 202.5 101.6 304.9
158 89.0 48.9 146.7





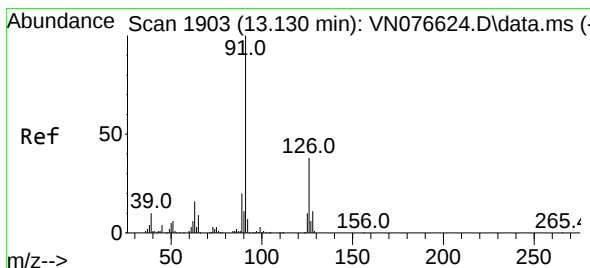
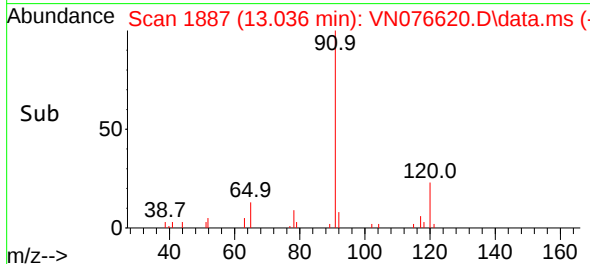
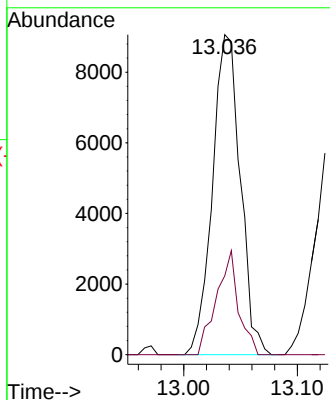
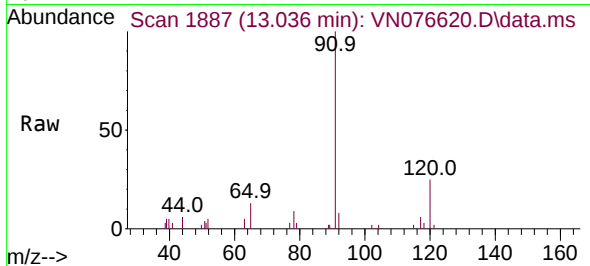
#78
n-propylbenzene
Concen: 0.923 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 15459
Ion Ratio Lower Upper
91 100
120 25.7 11.6 34.8

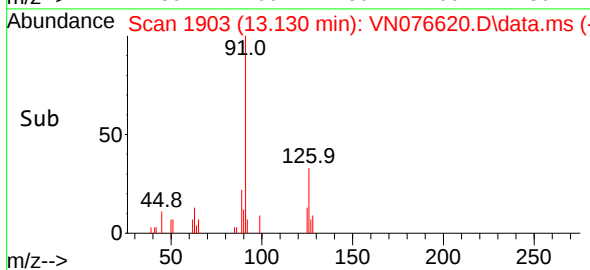
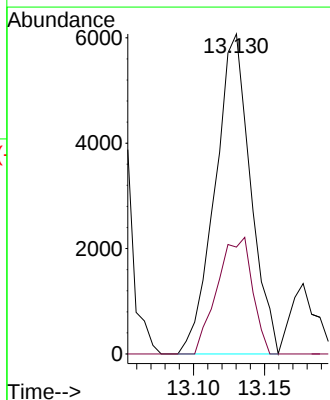
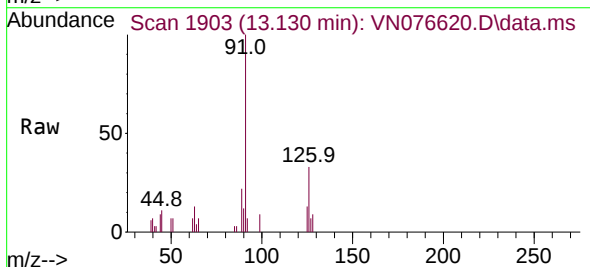
Manual Integrations
APPROVED

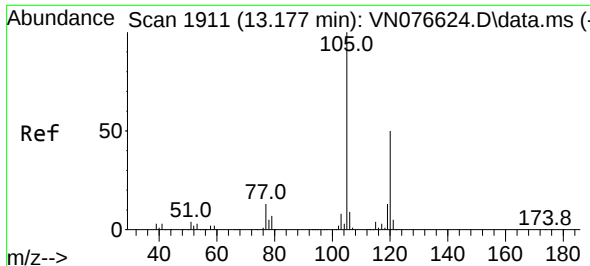
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#79
2-Chlorotoluene
Concen: 0.988 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion: 91 Resp: 10542
Ion Ratio Lower Upper
91 100
126 35.9 16.8 50.3





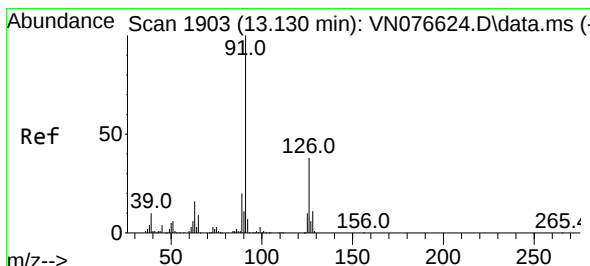
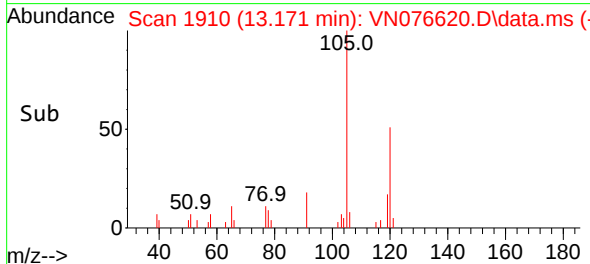
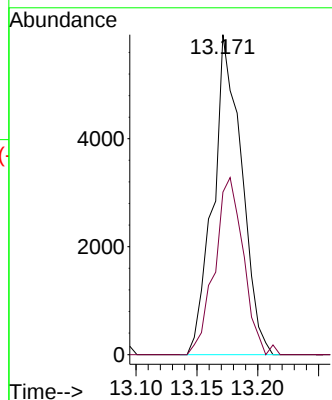
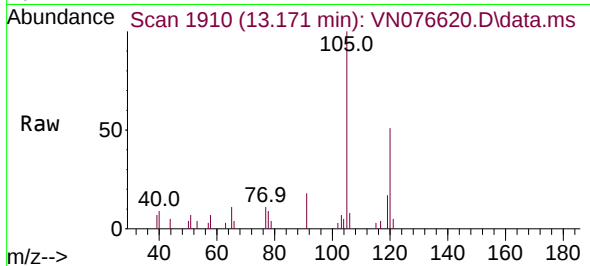
#80
1,3,5-Trimethylbenzene
Concen: 0.765 ug/l
RT: 13.171 min Scan# 1911
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 9660
Ion Ratio Lower Upper
105 100
120 56.0 24.3 72.9

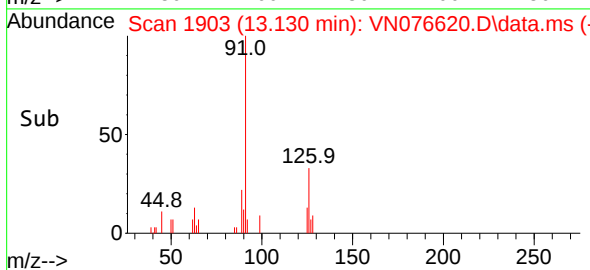
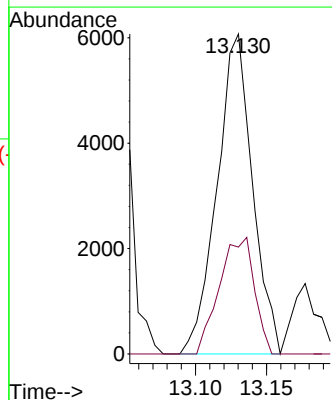
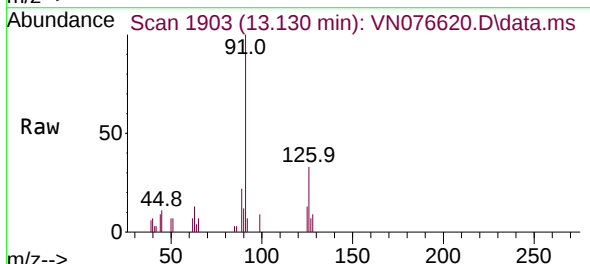
Manual Integrations
APPROVED

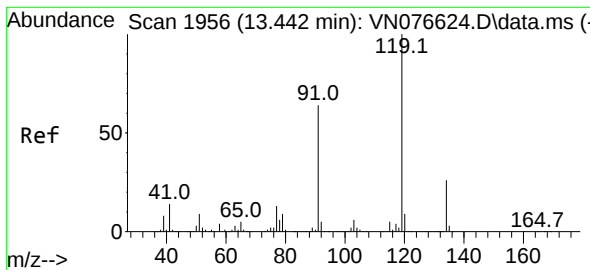
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#82
4-Chlorotoluene
Concen: 0.988 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion: 91 Resp: 10542
Ion Ratio Lower Upper
91 100
126 35.9 16.8 50.3





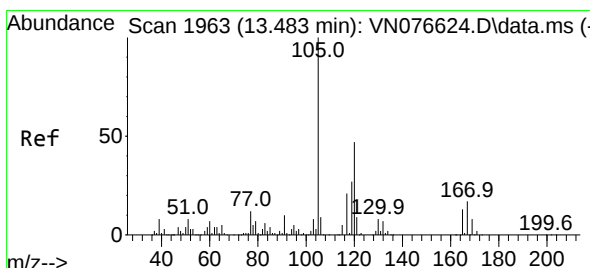
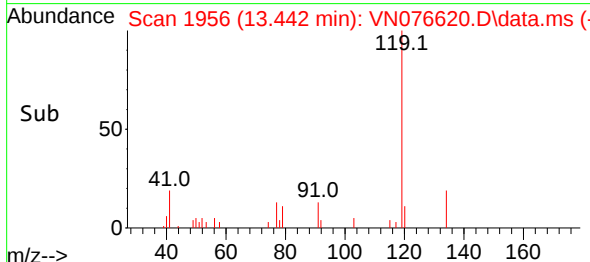
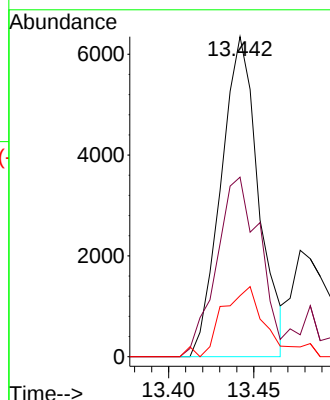
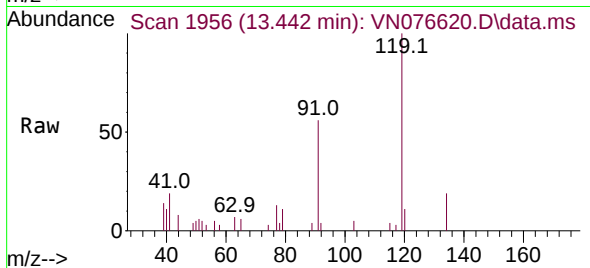
#83
tert-Butylbenzene
Concen: 0.866 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 9790
Ion Ratio Lower Upper
119 100
91 67.8 33.2 99.6
134 25.8 13.4 40.1

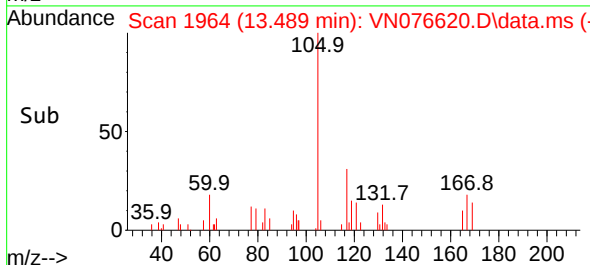
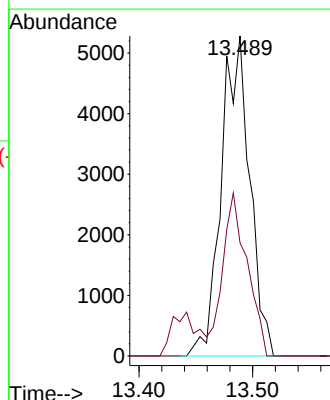
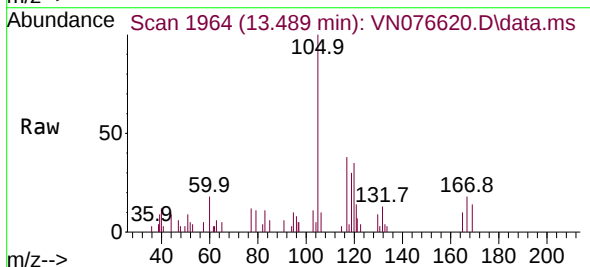
Manual Integrations
APPROVED

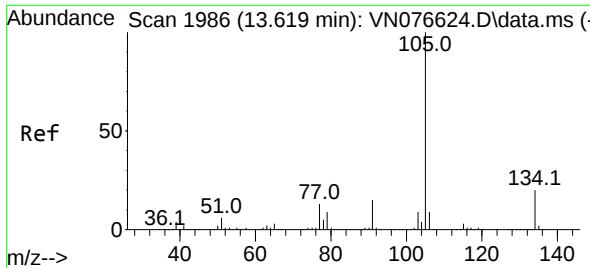
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 0.730 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.007 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

Tgt Ion:105 Resp: 9173
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.8





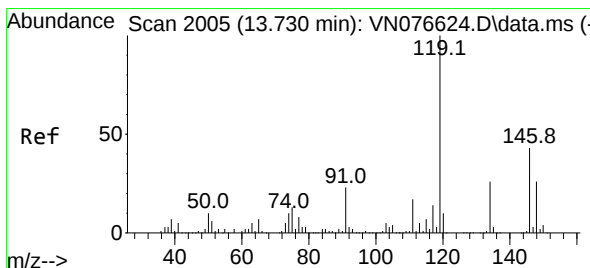
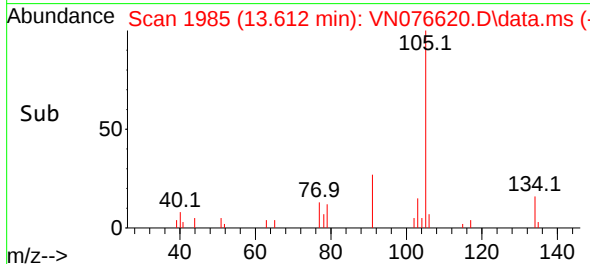
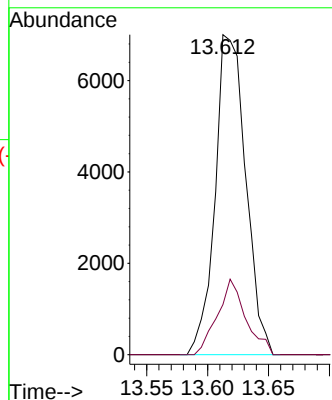
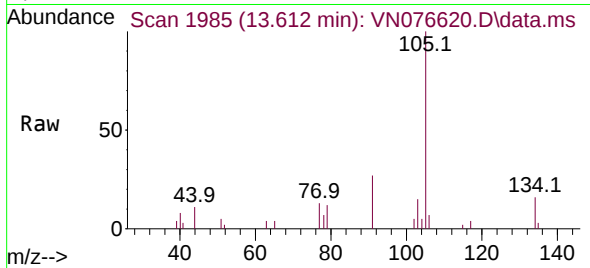
#85
 sec-Butylbenzene
 Concen: 0.803 ug/l
 RT: 13.612 min Scan# 1986
 Delta R.T. -0.006 min
 Lab File: VN076620.D
 Acq: 13 Feb 2023 10:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 1224
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.1 30.1

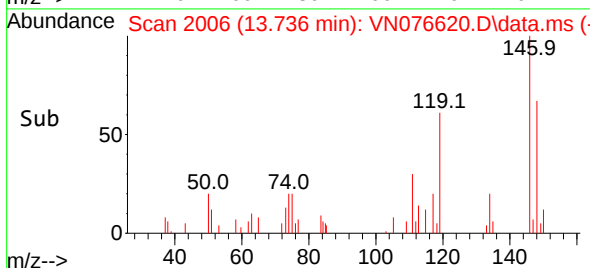
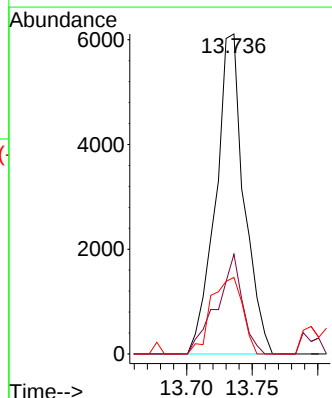
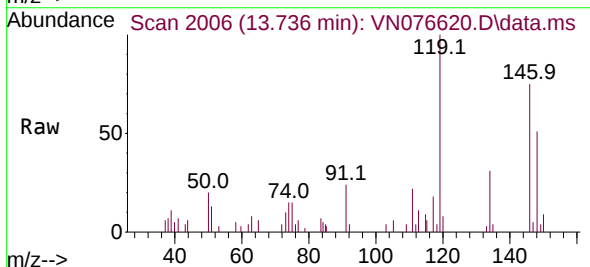
Manual Integrations
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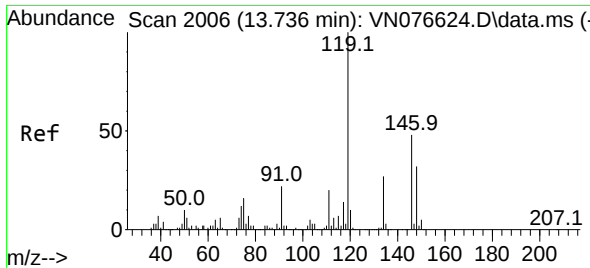
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#86
 p-Isopropyltoluene
 Concen: 0.734 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.007 min
 Lab File: VN076620.D
 Acq: 13 Feb 2023 10:16

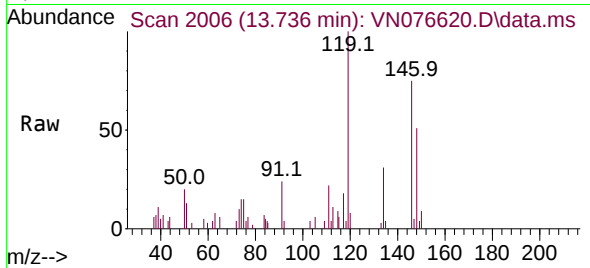
Tgt Ion:119 Resp: 9171
 Ion Ratio Lower Upper
 119 100
 134 28.3 12.8 38.4
 91 26.5 11.5 34.4





#87
 1,3-Dichlorobenzene
 Concen: 1.052 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.001 min
 Lab File: VN076620.D
 Acq: 13 Feb 2023 10:16

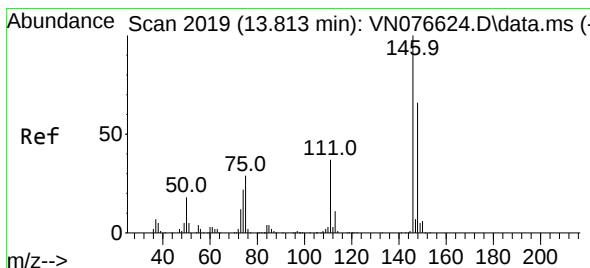
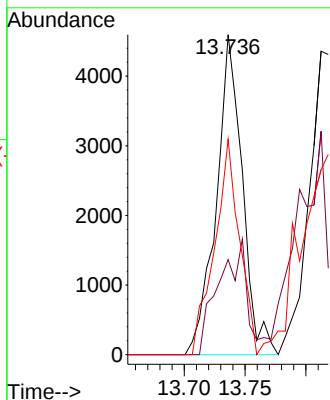
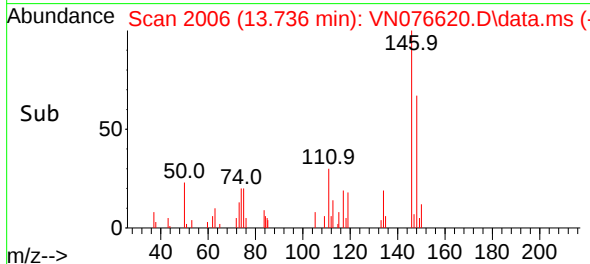
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001



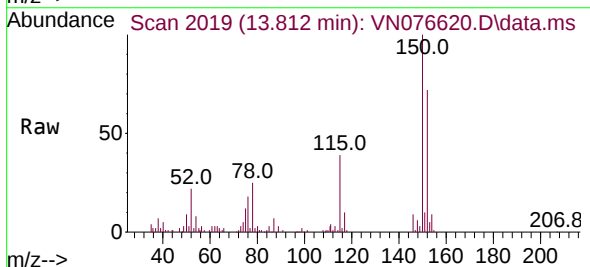
Tgt Ion:146 Resp: 6852
 Ion Ratio Lower Upper
 146 100
 111 38.1 20.3 61.0
 148 65.1 31.5 94.5

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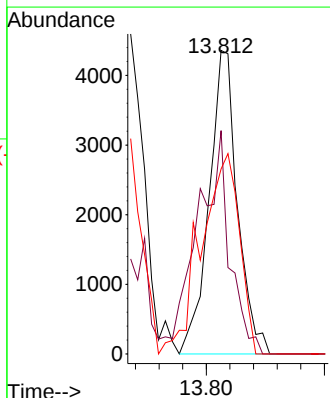
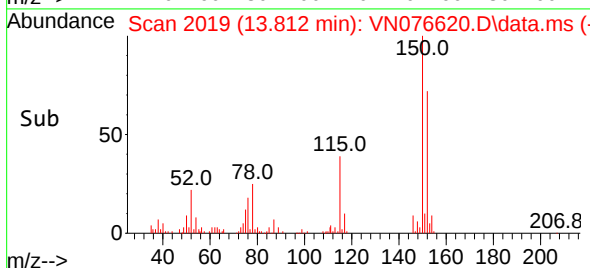
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

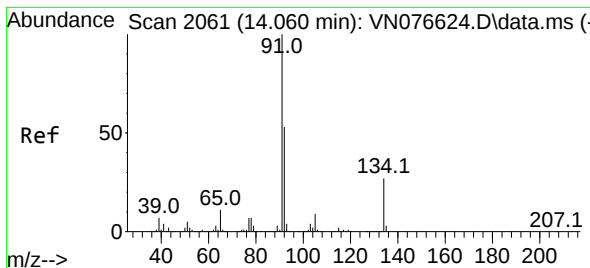


#88
 1,4-Dichlorobenzene
 Concen: 1.100 ug/l m
 RT: 13.812 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VN076620.D
 Acq: 13 Feb 2023 10:16



Tgt Ion:146 Resp: 7273
 Ion Ratio Lower Upper
 146 100
 111 35.9 19.8 59.4
 148 61.4 31.6 94.8





#89

n-Butylbenzene

Concen: 0.878 ug/l

RT: 14.054 min Scan# 2061

Delta R.T. -0.005 min

Lab File: VN076620.D

Acq: 13 Feb 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

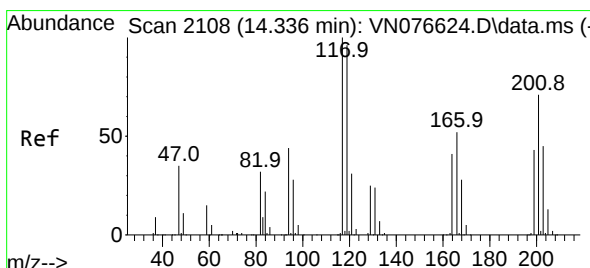
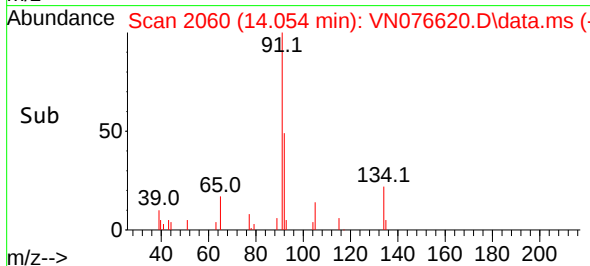
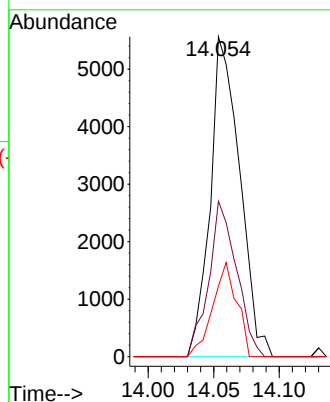
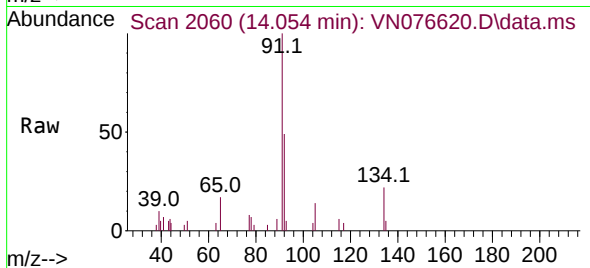
Tgt Ion:	91	Resp:	868
Ion Ratio	Lower	Upper	
91	100		
92	45.8	27.0	80.8
134	24.1	13.1	39.3

Manual Integrations

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Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#90

Hexachloroethane

Concen: 1.292 ug/l

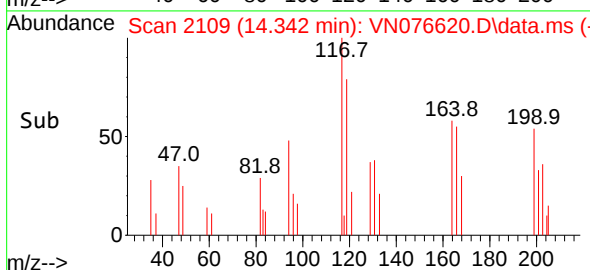
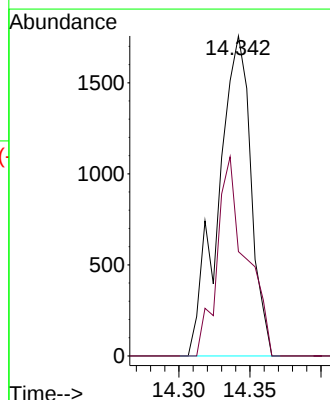
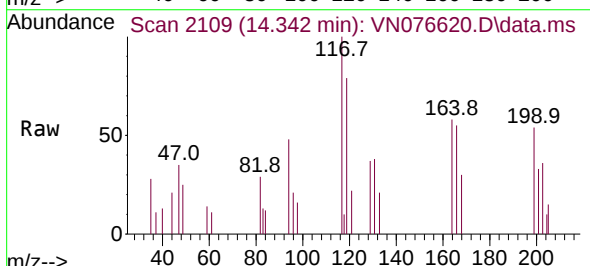
RT: 14.342 min Scan# 2109

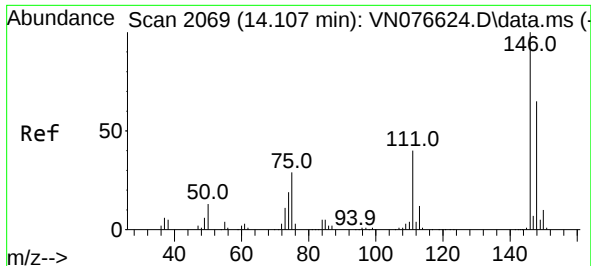
Delta R.T. 0.007 min

Lab File: VN076620.D

Acq: 13 Feb 2023 10:16

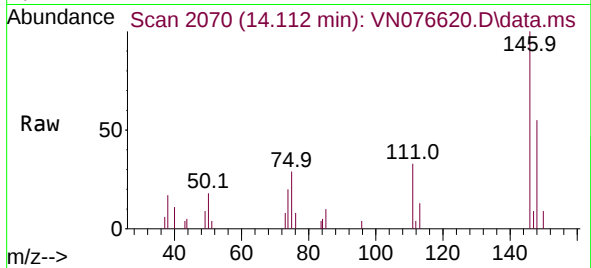
Tgt Ion:	117	Resp:	2811
Ion Ratio	Lower	Upper	
117	100		
201	54.8	37.2	111.6





#91
1,2-Dichlorobenzene
Concen: 1.124 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

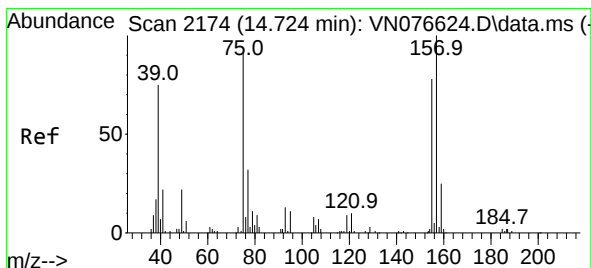
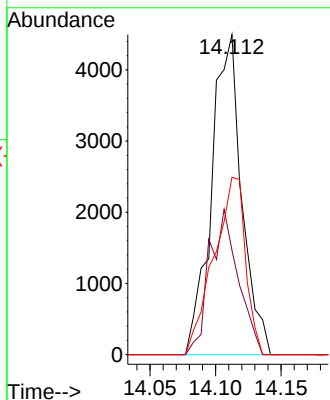
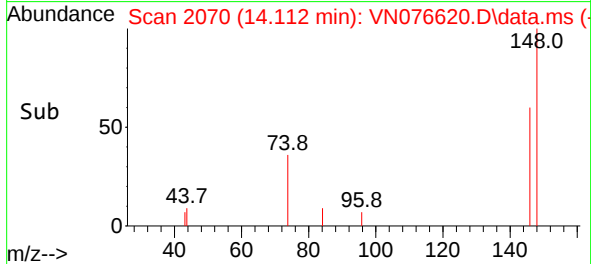
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



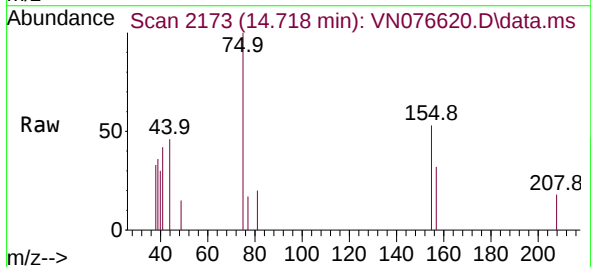
Tgt Ion:146 Resp: 7218
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.3
148 57.8 31.9 95.9

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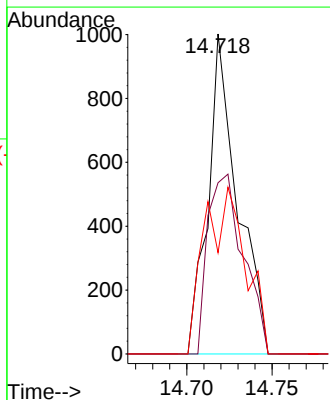
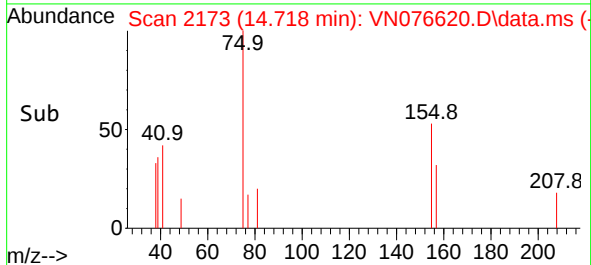
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

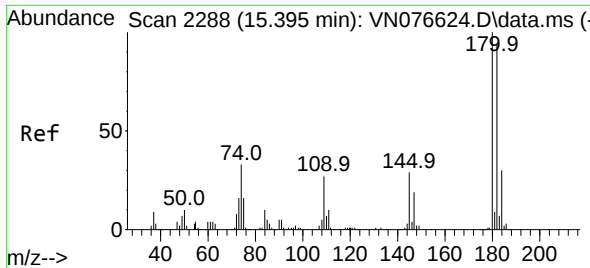


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.676 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.005 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16



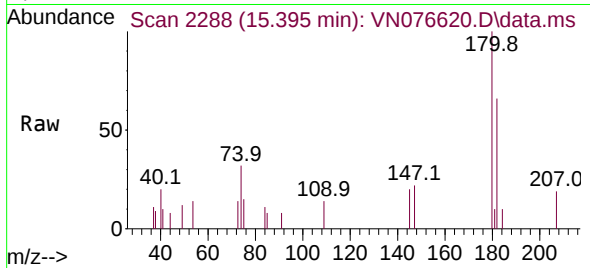
Tgt Ion: 75 Resp: 1209
Ion Ratio Lower Upper
75 100
155 67.7 44.8 134.4
157 72.0 58.4 175.1





#93
1,2,4-Trichlorobenzene
Concen: 1.140 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

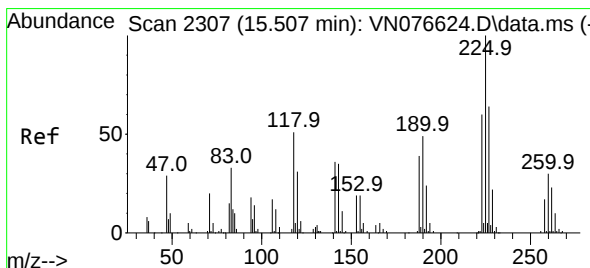
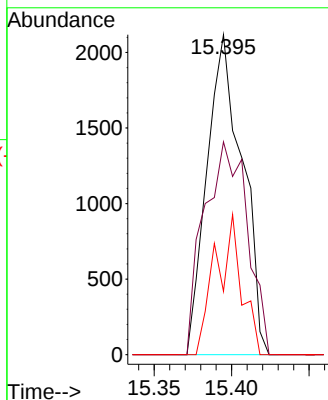
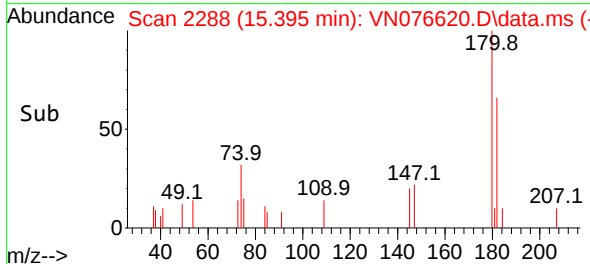
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



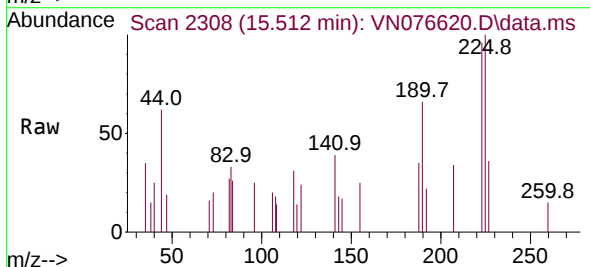
Tgt Ion:180 Resp: 335
Ion Ratio Lower Upper
180 100
182 81.2 47.4 142.2
145 32.1 16.3 48.8

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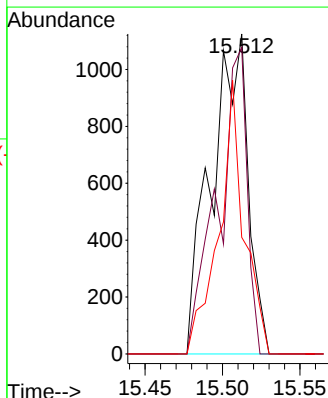
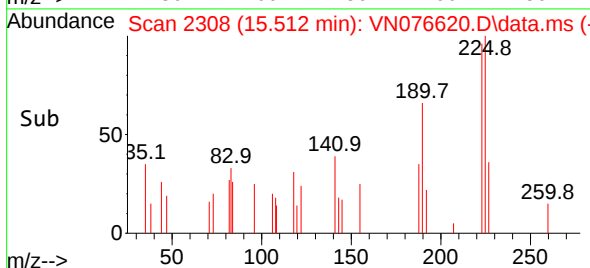
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

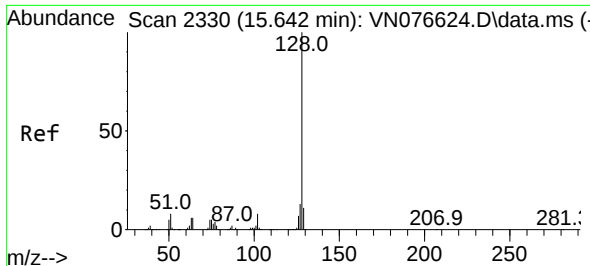


#94
Hexachlorobutadiene
Concen: 1.125 ug/l
RT: 15.512 min Scan# 2308
Delta R.T. 0.006 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16



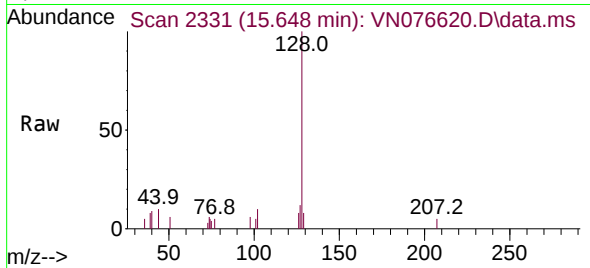
Tgt Ion:225 Resp: 1861
Ion Ratio Lower Upper
225 100
223 75.3 31.2 93.6
227 57.8 31.8 95.3





#95
Naphthalene
Concen: 1.003 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.007 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16

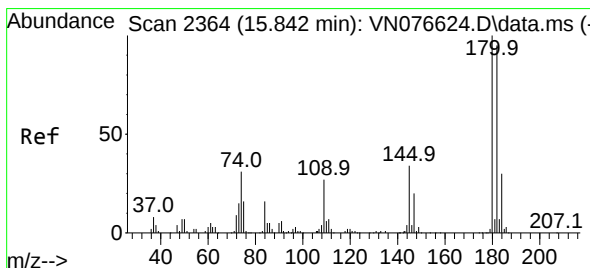
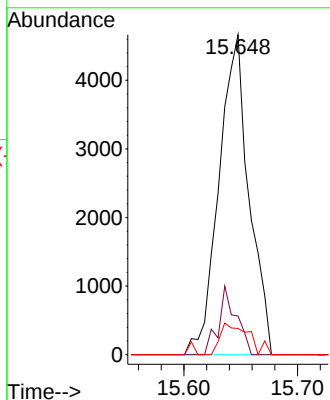
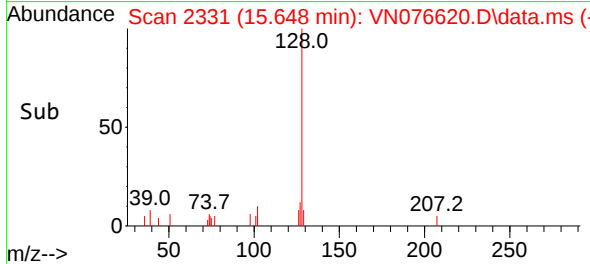
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



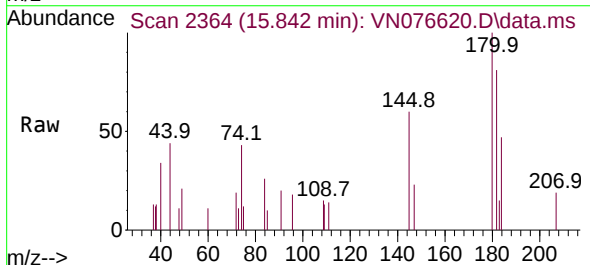
Tgt Ion:128 Resp: 858
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 9.4 8.6 13.0

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



#96
1,2,3-Trichlorobenzene
Concen: 0.908 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.001 min
Lab File: VN076620.D
Acq: 13 Feb 2023 10:16



Tgt Ion:180 Resp: 2557
Ion Ratio Lower Upper
180 100
182 103.2 47.4 142.2
145 41.7 17.2 51.5

