

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077025.D
 Acq On : 17 Mar 2023 09:25
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 18 02:26:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	374617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	694412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	580100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	220900	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	5795	0.463	ug/l	97
3) Chloromethane	2.372	50	4500	1.192	ug/l	97
4) Vinyl Chloride	2.537	62	4378	1.075	ug/l #	79
6) Chloroethane	3.143	64	3163	1.227	ug/l #	88
7) Trichlorofluoromethane	3.507	101	10177	1.161	ug/l	99
8) Diethyl Ether	3.972	74	3641	1.104	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.384	101	6132	1.233	ug/l	98
12) 1,1-Dichloroethene	4.348	96	5307	1.167	ug/l	82
14) Allyl chloride	5.025	41	9014	1.083	ug/l #	80
15) Acrylonitrile	5.731	53	15373	5.244	ug/l	96
16) Acetone	4.448	43	15833	5.938	ug/l	92
17) Carbon Disulfide	4.725	76	17019	1.283	ug/l #	95
18) Methyl Acetate	5.048	43	10557	1.050	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	17477	1.071	ug/l	95
20) Methylene Chloride	5.289	84	7283	1.259	ug/l	97
21) trans-1,2-Dichloroethene	5.807	96	5629	1.142	ug/l #	82
22) Diisopropyl ether	6.678	45	18479	1.013	ug/l #	86
23) Vinyl Acetate	6.613	43	51339	4.460	ug/l	98
24) 1,1-Dichloroethane	6.578	63	11978	1.147	ug/l	95
25) 2-Butanone	7.495	43	19974	5.121	ug/l	100
26) 2,2-Dichloropropane	7.495	77	8122	1.034	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	5662	1.003	ug/l	90
28) Bromochloromethane	7.813	49	5570	1.229	ug/l #	94
29) Tetrahydrofuran	7.854	42	12403	4.907	ug/l	94
30) Chloroform	7.966	83	11416	1.127	ug/l	91
32) 1,1,1-Trichloroethane	8.178	97	9511	1.098	ug/l #	52
36) 1,1-Dichloropropene	8.383	75	7912	1.042	ug/l	97
37) Ethyl Acetate	7.560	43	8326	1.025	ug/l #	90
38) Carbon Tetrachloride	8.366	117	7763	1.049	ug/l #	88
39) Methylcyclohexane	9.607	83	8756	0.985	ug/l	98
40) Benzene	8.613	78	24532	1.065	ug/l #	89
41) Methacrylonitrile	7.789	41	4709	1.100	ug/l #	91
42) 1,2-Dichloroethane	8.683	62	9228	1.109	ug/l	100
43) Isopropyl Acetate	8.695	43	12369	0.974	ug/l	94
44) Trichloroethene	9.348	130	6346	1.199	ug/l	70
45) 1,2-Dichloropropane	9.619	63	6554	1.071	ug/l #	85

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Quant Time: Mar 18 02:26:37 2023
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 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
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Manual Integrations
 APPROVED

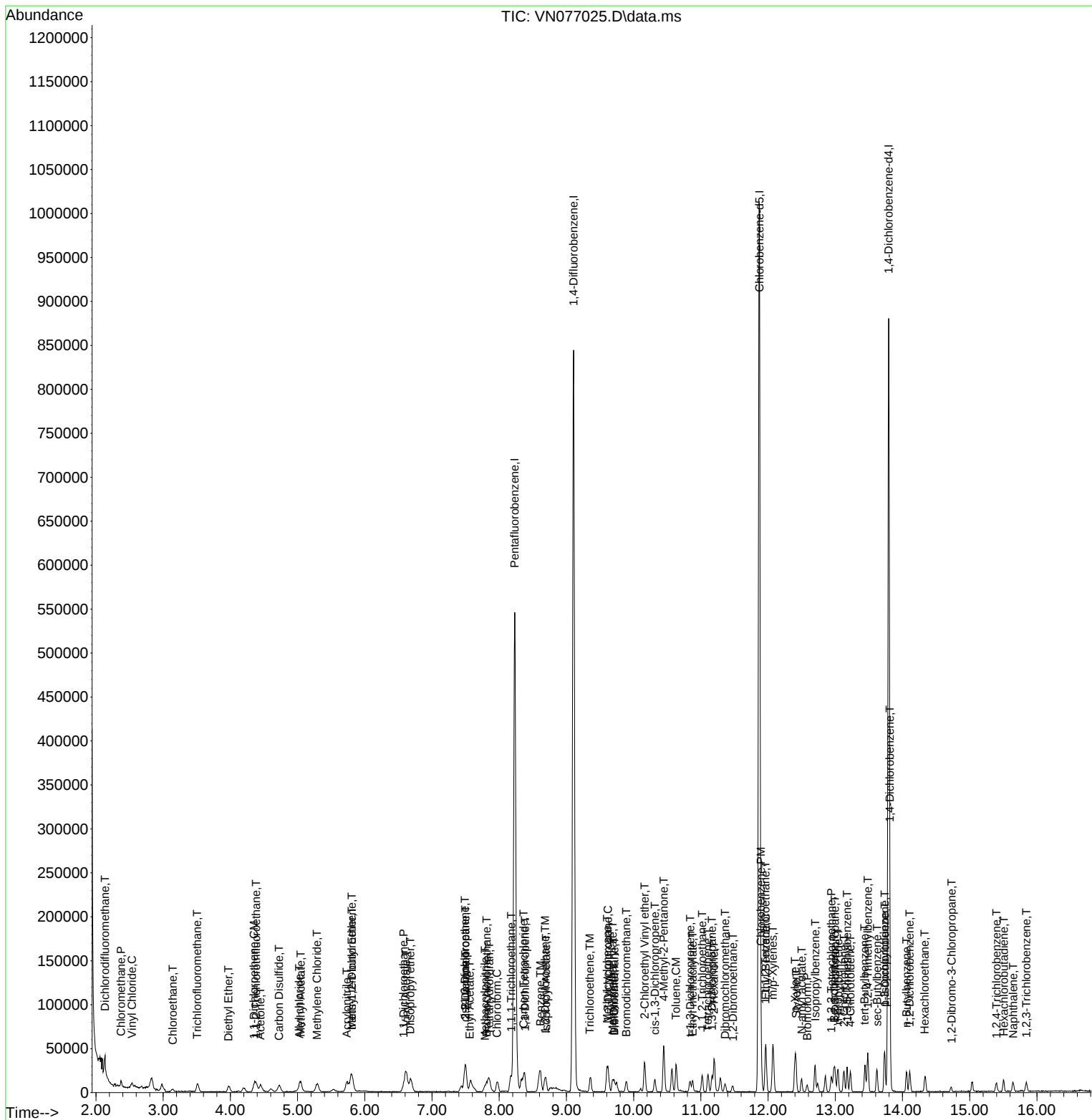
Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

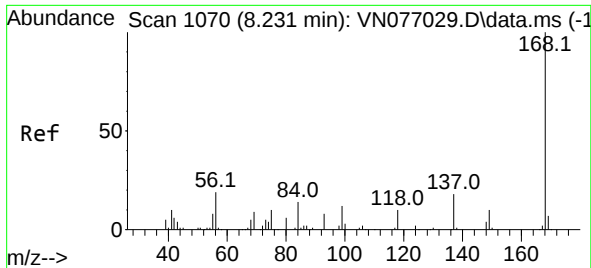
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.713	93	4290	1.112	ug/l	97
47) Bromodichloromethane	9.889	83	9128	1.128	ug/l #	94
48) Methyl methacrylate	9.689	41	5727	0.944	ug/l	95
49) 1,4-Dioxane	9.707	88	1982	19.120	ug/l #	79
51) 4-Methyl-2-Pentanone	10.448	43	36659	4.637	ug/l	96
52) Toluene	10.630	92	13442	0.977	ug/l	94
53) t-1,3-Dichloropropene	10.842	75	7517	0.948	ug/l	97
54) cis-1,3-Dichloropropene	10.319	75	8460	0.945	ug/l #	87
55) 1,1,2-Trichloroethane	11.019	97	5283	0.974	ug/l #	88
56) Ethyl methacrylate	10.877	69	7044	0.864	ug/l	99
57) 1,3-Dichloropropane	11.166	76	10634	1.071	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.166	63	14715	4.232	ug/l	97
59) 2-Hexanone	11.195	43	25721	4.486	ug/l	96
60) Dibromochloromethane	11.360	129	5497	1.009	ug/l	97
61) 1,2-Dibromoethane	11.477	107	6002	1.116	ug/l	87
64) Tetrachloroethene	11.101	164	4499	1.156	ug/l #	82
65) Chlorobenzene	11.895	112	15295	1.146	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.960	131	5721	1.158	ug/l #	61
67) Ethyl Benzene	11.966	91	24489	1.010	ug/l	98
68) m/p-Xylenes	12.071	106	17708	1.969	ug/l	92
69) o-Xylene	12.401	106	9057	1.014	ug/l	91
70) Styrene	12.418	104	11886	0.855	ug/l	97
71) Bromoform	12.583	173	3348	1.000	ug/l #	97
73) Isopropylbenzene	12.701	105	19564	0.988	ug/l	97
74) N-amyl acetate	12.501	43	8371	0.977	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	8908	1.242	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	5526m	0.967	ug/l	
77) Bromobenzene	12.983	156	4835	1.090	ug/l	91
78) n-propylbenzene	13.042	91	20786	0.910	ug/l	100
79) 2-Chlorotoluene	13.130	91	14759	1.014	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	14557	0.881	ug/l	99
82) 4-Chlorotoluene	13.224	91	13685	0.988	ug/l	95
83) tert-Butylbenzene	13.436	119	13310	0.959	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	14549	0.882	ug/l	98
85) sec-Butylbenzene	13.624	105	17312	0.877	ug/l	100
86) p-Isopropyltoluene	13.736	119	13982	0.882	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	9721	1.160	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	9914m	1.189	ug/l	
89) n-Butylbenzene	14.059	91	13304	0.957	ug/l	92
90) Hexachloroethane	14.330	117	3688	1.144	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	9540	1.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.730	75	1521	1.145	ug/l	88
93) 1,2,4-Trichlorobenzene	15.401	180	3680	0.974	ug/l	97
94) Hexachlorobutadiene	15.506	225	2321	1.116	ug/l	94
95) Naphthalene	15.648	128	9335	2.524	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.842	180	3958	1.044	ug/l	96

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

Manual Integrations APPROVED

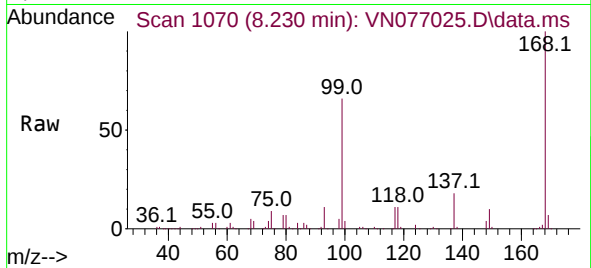
Quant Time: Mar 18 02:26:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 18 02:17:37 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

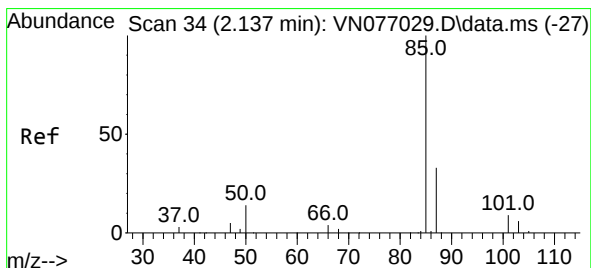
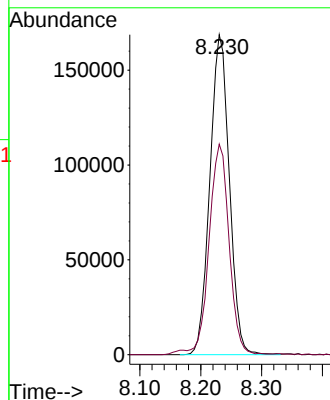
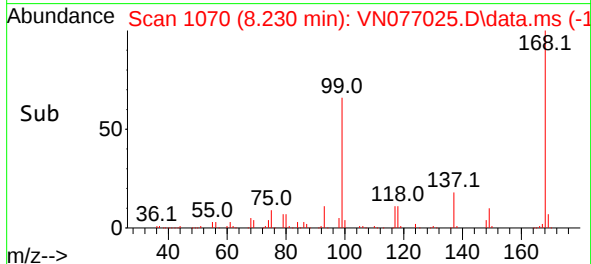
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



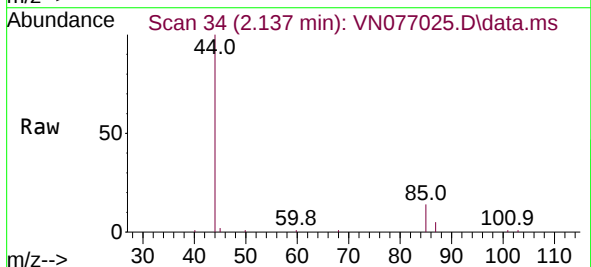
Tgt Ion:168 Resp: 37461
Ion Ratio Lower Upper
168 100
99 65.5 53.9 80.9

Manual Integrations
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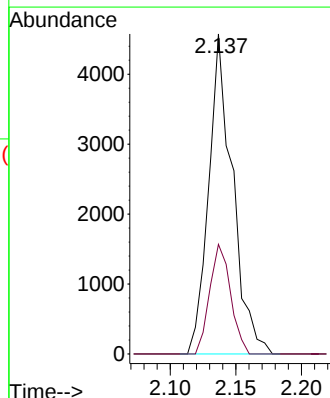
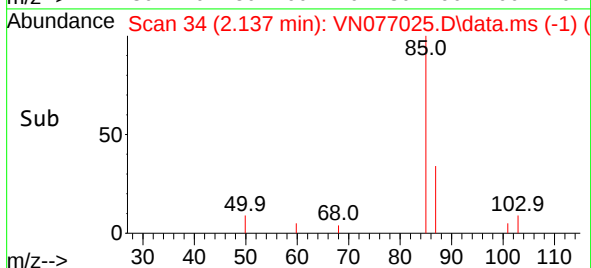
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

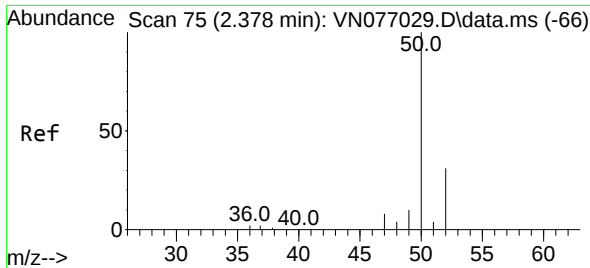


#2
Dichlorodifluoromethane
Concen: 0.463 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25



Tgt Ion: 85 Resp: 5795
Ion Ratio Lower Upper
85 100
87 34.2 16.4 49.2





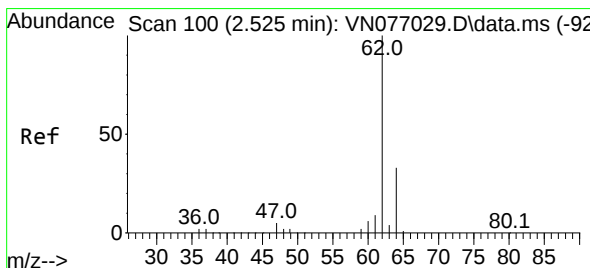
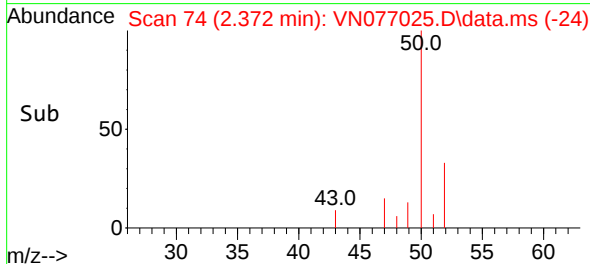
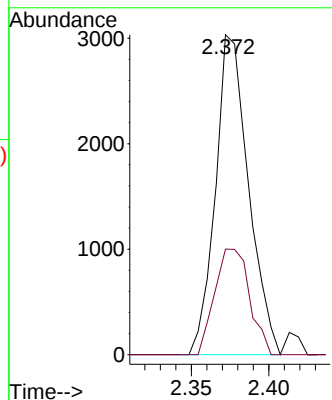
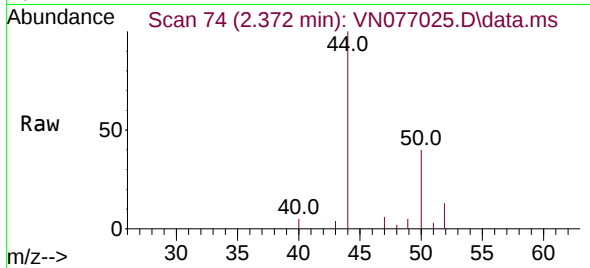
#3
Chloromethane
Concen: 1.192 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 4500
Ion Ratio Lower Upper
50 100
52 33.0 25.1 37.7

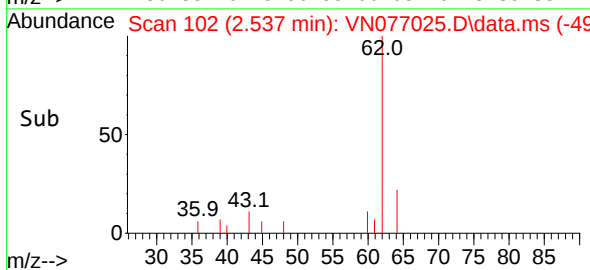
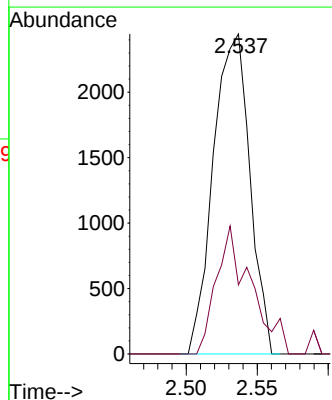
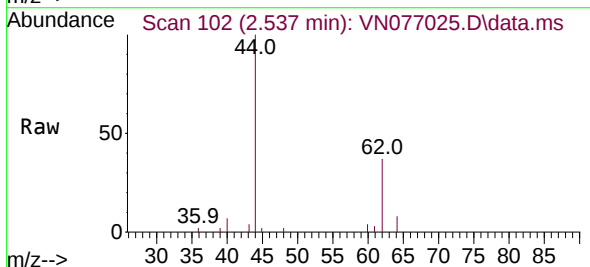
Manual Integrations
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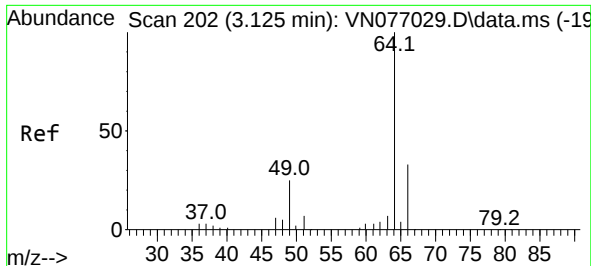
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#4
Vinyl Chloride
Concen: 1.075 ug/l
RT: 2.537 min Scan# 102
Delta R.T. 0.012 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 62 Resp: 4378
Ion Ratio Lower Upper
62 100
64 21.6 26.6 40.0#





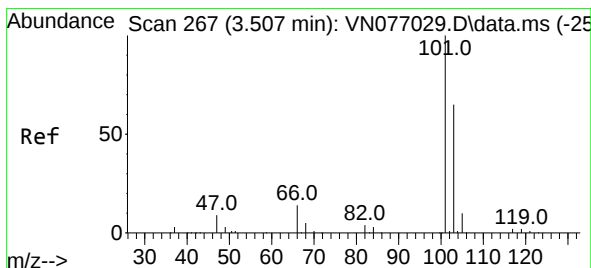
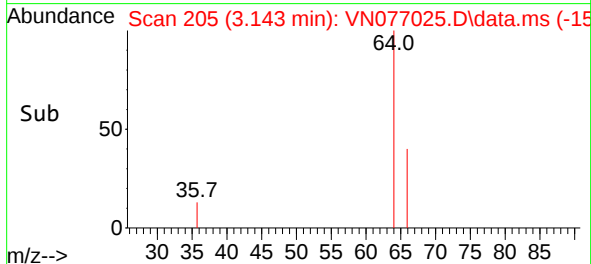
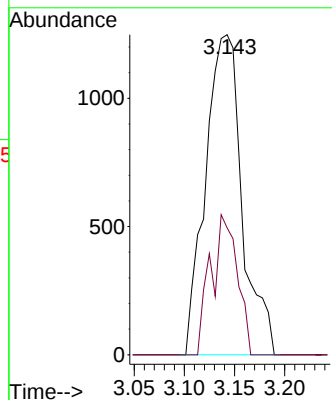
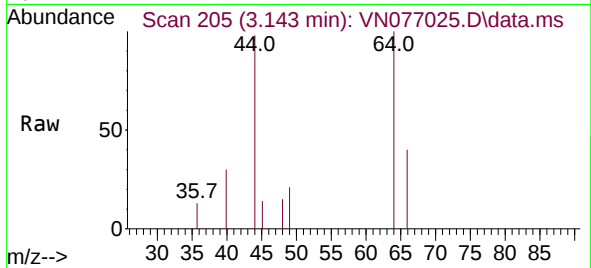
#6
Chloroethane
Concen: 1.227 ug/l
RT: 3.143 min Scan# 205
Delta R.T. 0.018 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 316
Ion Ratio Lower Upper
64 100
66 39.7 26.3 39.5

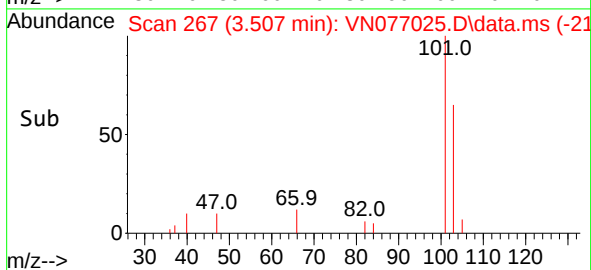
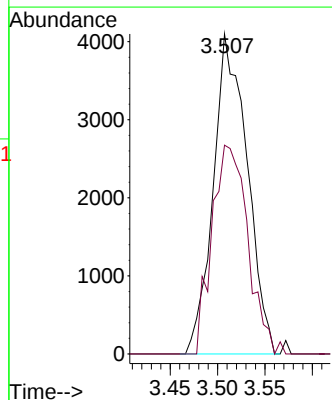
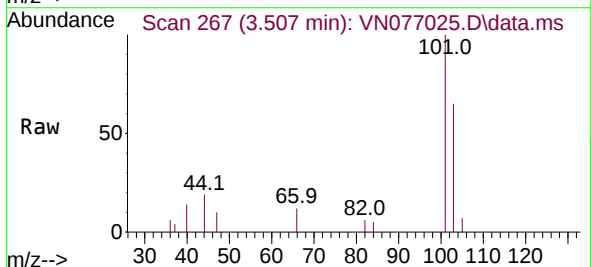
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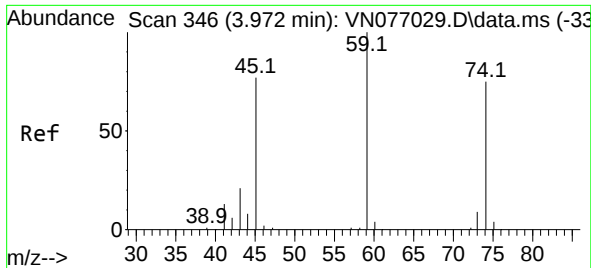
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#7
Trichlorofluoromethane
Concen: 1.161 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:101 Resp: 10177
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6





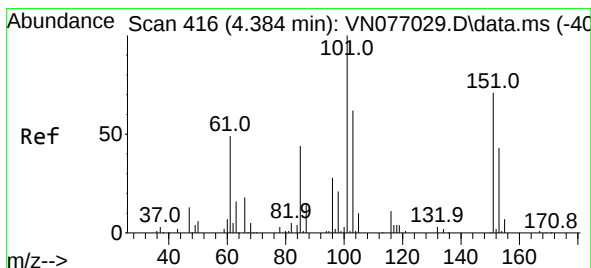
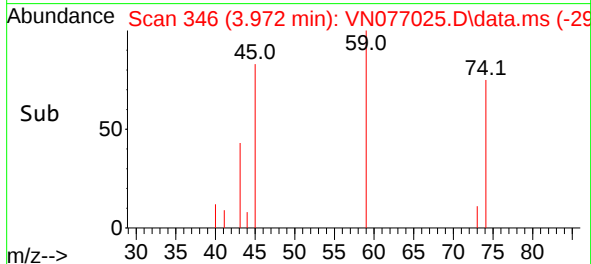
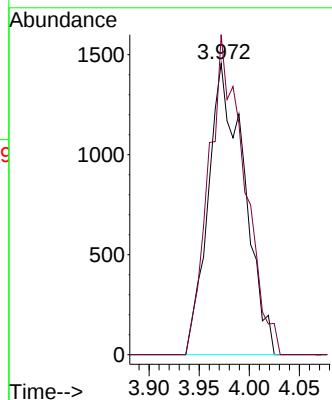
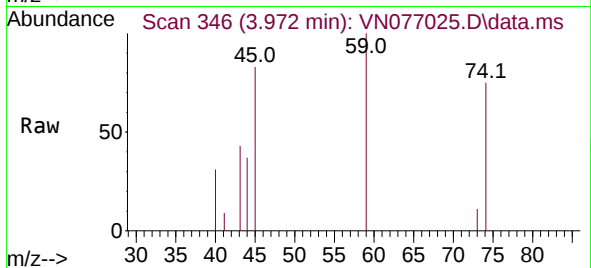
#8
Diethyl Ether
Concen: 1.104 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 74 Resp: 364
Ion Ratio Lower Upper
74 100
45 108.9 50.8 152.5

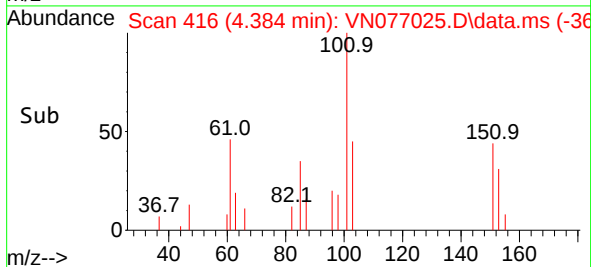
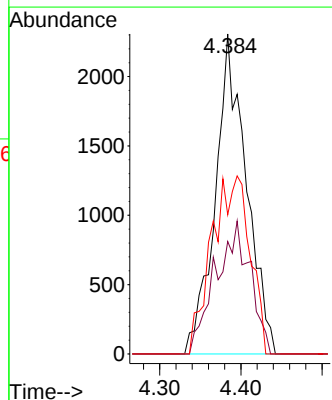
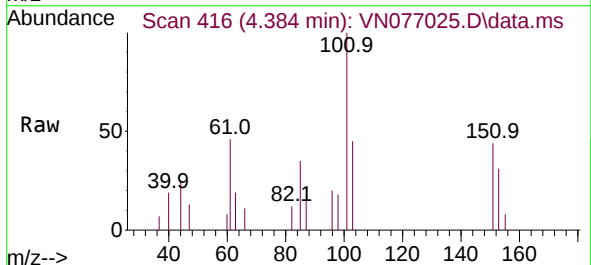
Manual Integrations
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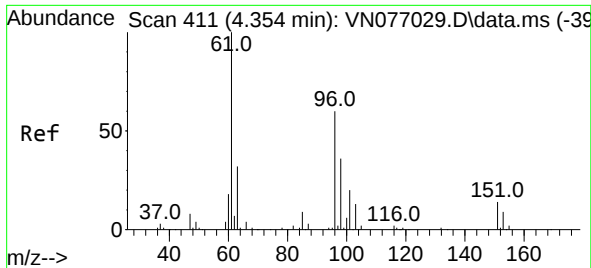
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.233 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:101 Resp: 6132
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 68.6 56.9 85.3





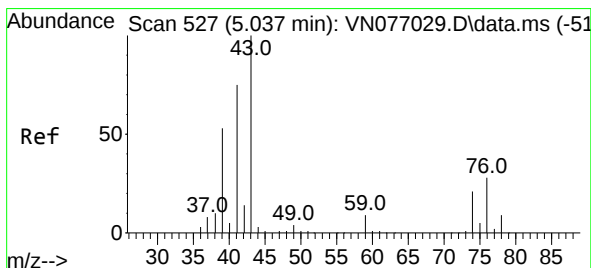
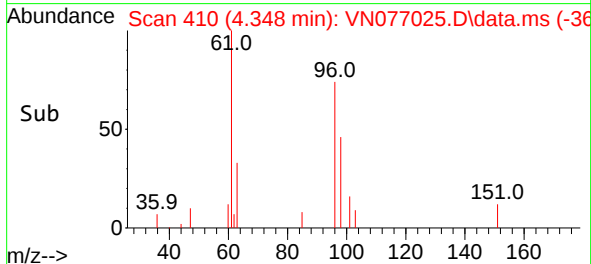
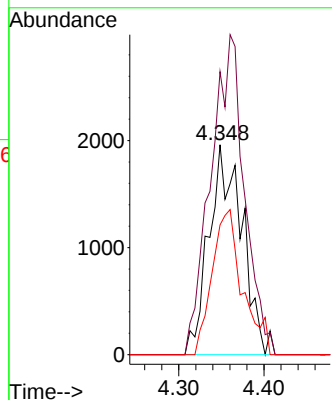
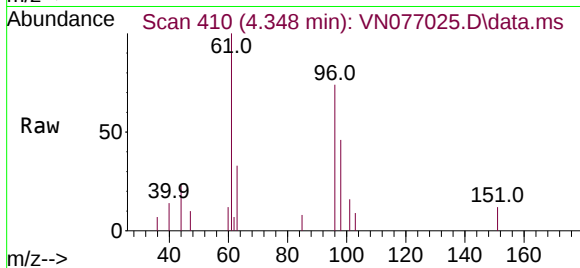
#12
1,1-Dichloroethene
Concen: 1.167 ug/l
RT: 4.348 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 530
Ion Ratio Lower Upper
96 100
61 134.8 133.8 200.8
98 61.8 48.6 72.8

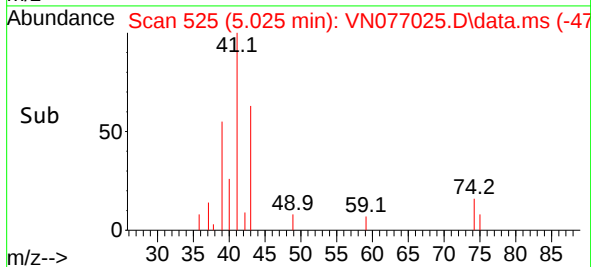
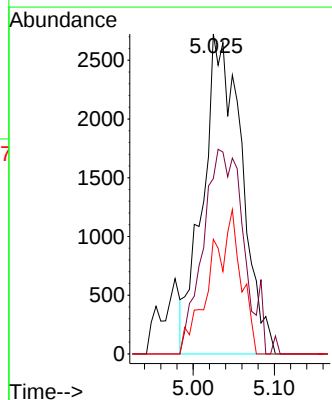
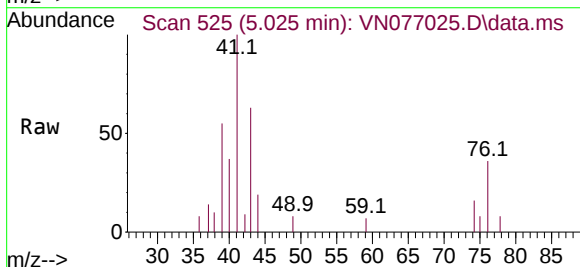
Manual Integrations
APPROVED

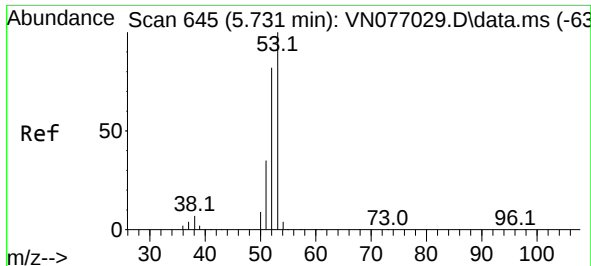
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#14
Allyl chloride
Concen: 1.083 ug/l
RT: 5.025 min Scan# 525
Delta R.T. -0.012 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

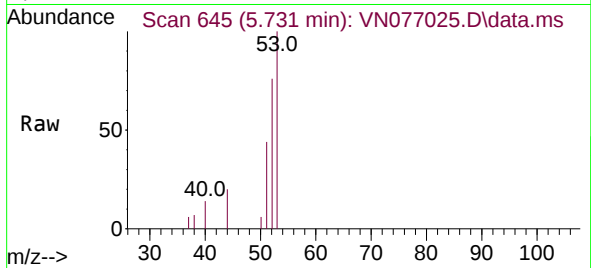
Tgt Ion: 41 Resp: 9014
Ion Ratio Lower Upper
41 100
39 66.9 53.8 80.8
76 0.0 26.7 40.1#





#15
Acrylonitrile
Concen: 5.244 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

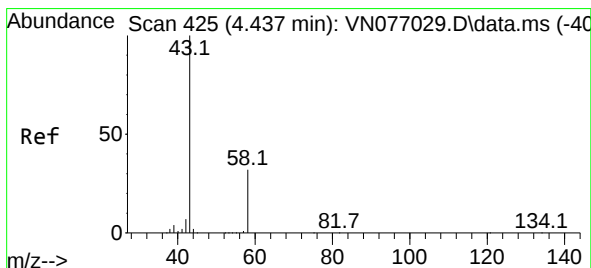
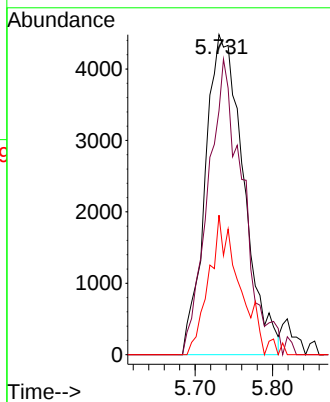
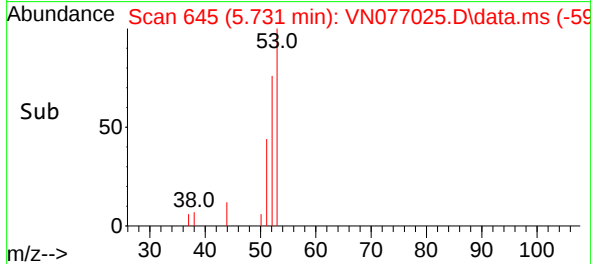
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



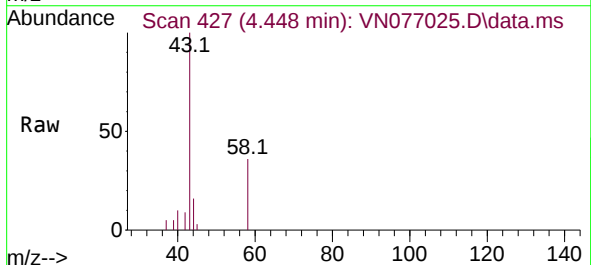
Tgt Ion: 53 Resp: 1537
Ion Ratio Lower Upper
53 100
52 84.9 64.6 97.0
51 34.0 28.3 42.5

Manual Integrations
APPROVED

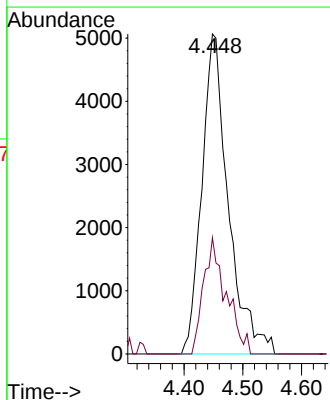
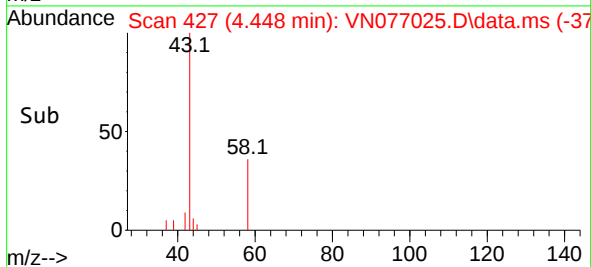
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

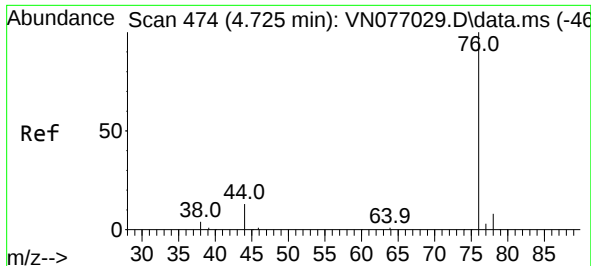


#16
Acetone
Concen: 5.938 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25



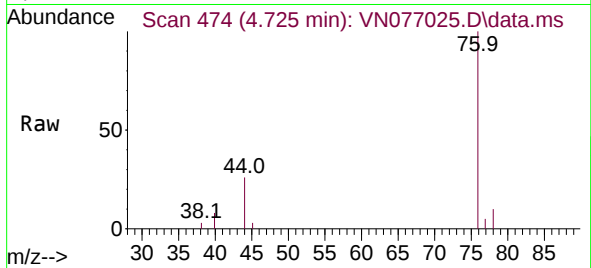
Tgt Ion: 43 Resp: 15833
Ion Ratio Lower Upper
43 100
58 36.3 25.4 38.0





#17
Carbon Disulfide
Concen: 1.283 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

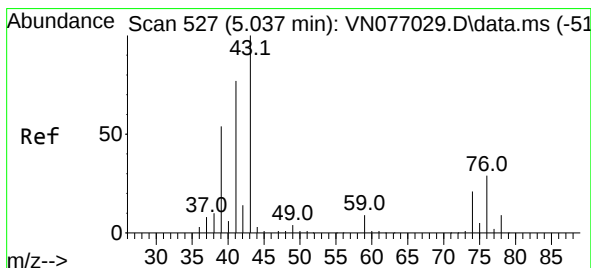
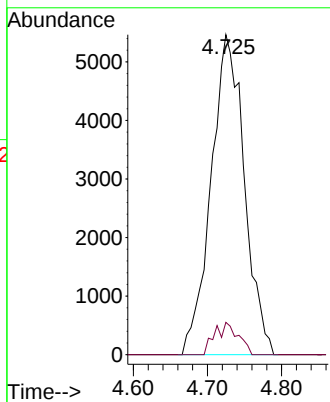
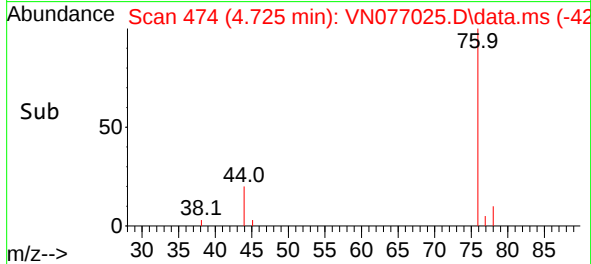
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 17019
Ion Ratio Lower Upper
76 100
78 10.1 6.6 10.0

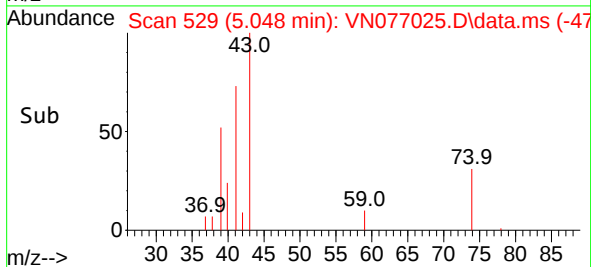
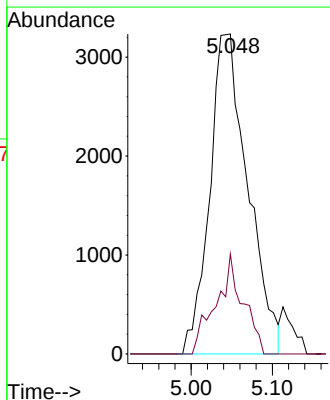
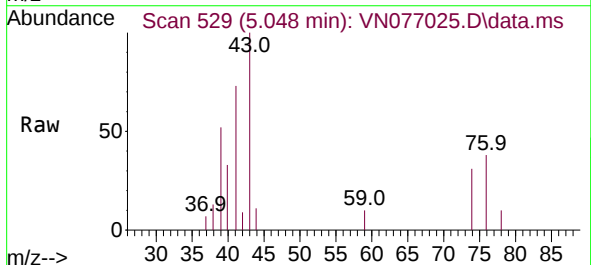
Manual Integrations
APPROVED

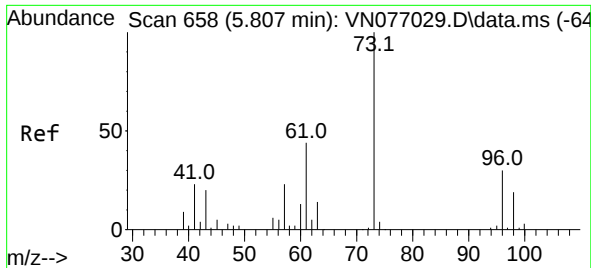
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#18
Methyl Acetate
Concen: 1.050 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 43 Resp: 10557
Ion Ratio Lower Upper
43 100
74 22.2 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 1.071 ug/l
RT: 5.807 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

Client Sample Id :

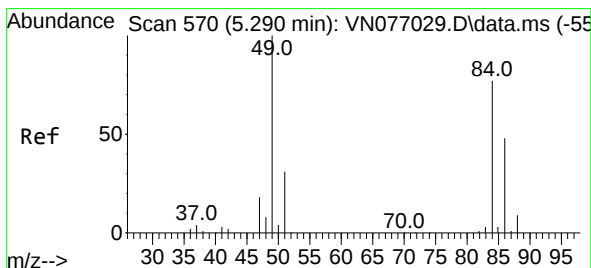
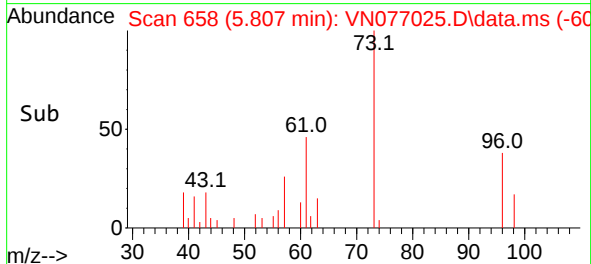
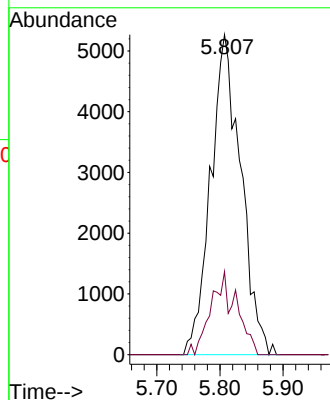
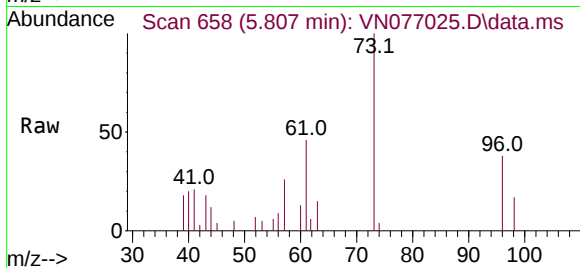
VSTDIC001

Tgt Ion: 73 Resp: 1747
Ion Ratio Lower Upper
73 100
57 25.9 18.7 28.1

Manual Integrations

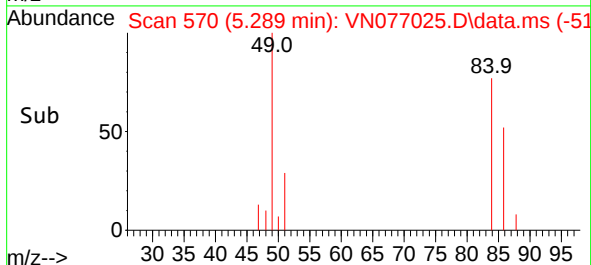
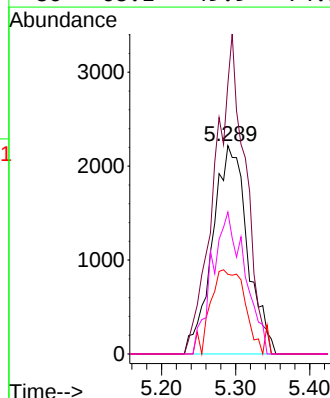
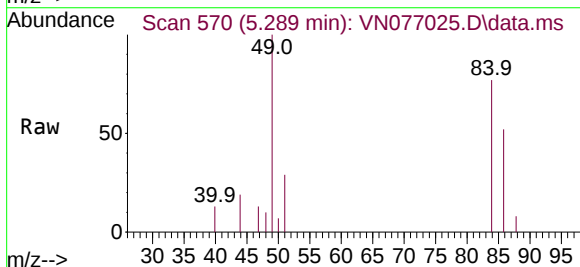
APPROVED

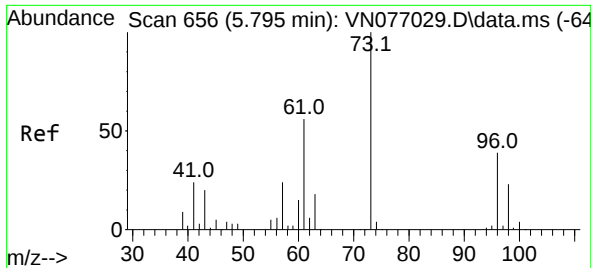
Reviewed By : John Carlone 03/20/2023
Supervised By : Mahesh Dadoda 03/20/2023



#20
Methylene Chloride
Concen: 1.259 ug/l
RT: 5.289 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

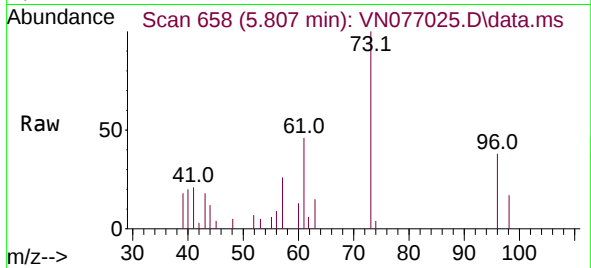
Tgt Ion: 84 Resp: 7283
Ion Ratio Lower Upper
84 100
49 129.8 103.8 155.6
51 38.3 32.3 48.5
86 68.1 49.9 74.9





#21
trans-1,2-Dichloroethene
Concen: 1.142 ug/l
RT: 5.807 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

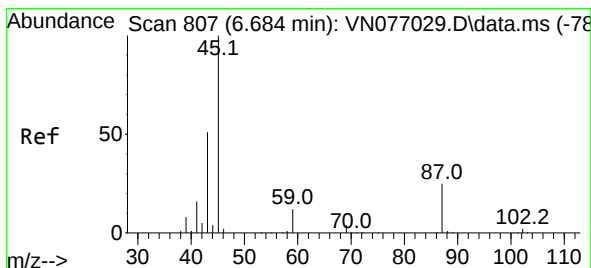
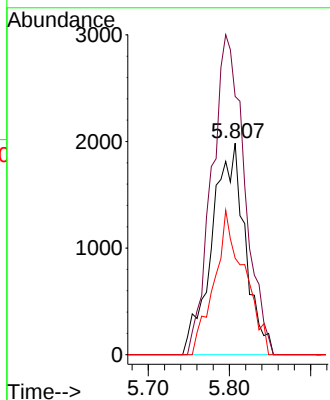
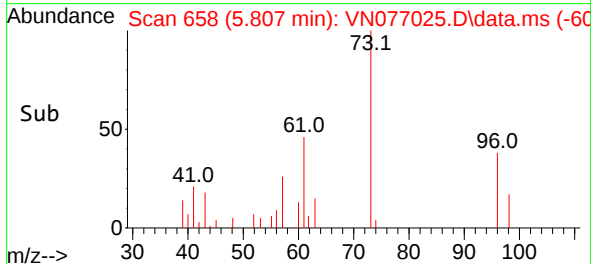
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



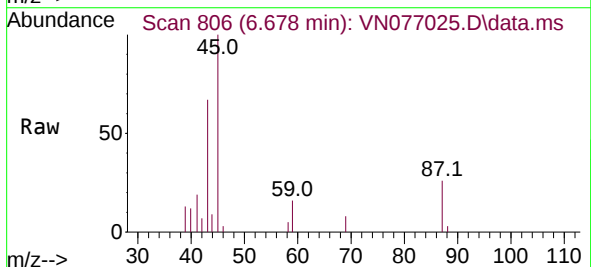
Tgt Ion: 96 Resp: 5629
Ion Ratio Lower Upper
96 100
61 122.1 115.8 173.6
98 45.6 48.2 72.2

Manual Integrations
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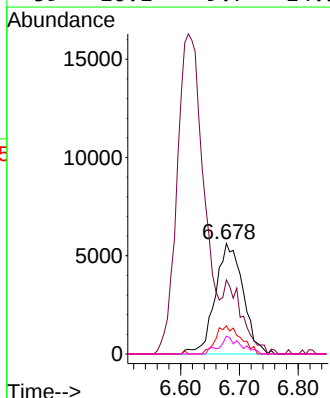
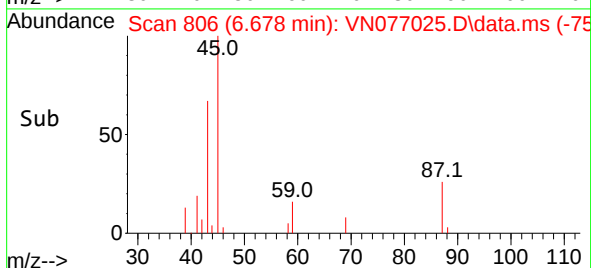
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

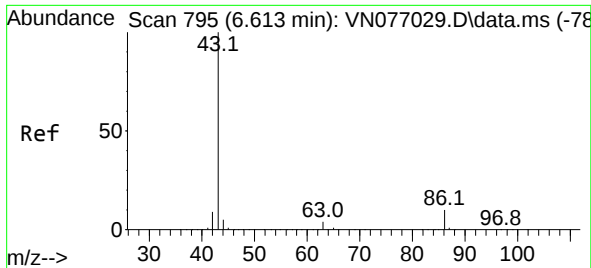


#22
Diisopropyl ether
Concen: 1.013 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25



Tgt Ion: 45 Resp: 18479
Ion Ratio Lower Upper
45 100
43 67.2 41.5 62.3#
87 25.6 20.6 30.8
59 16.1 9.7 14.5#





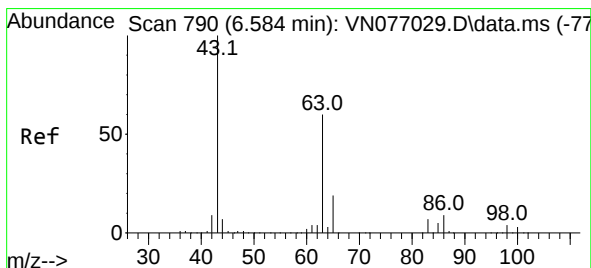
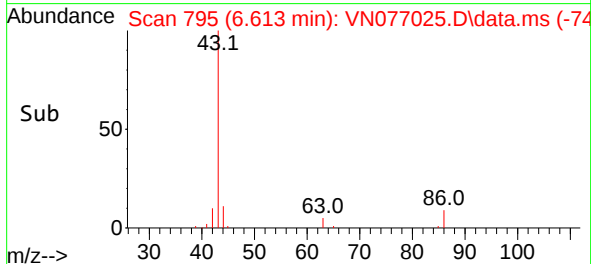
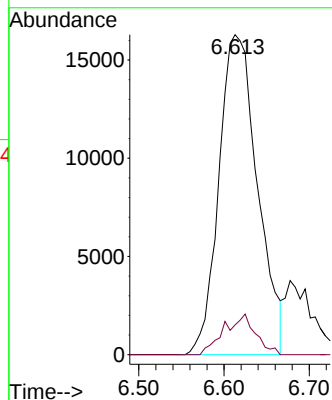
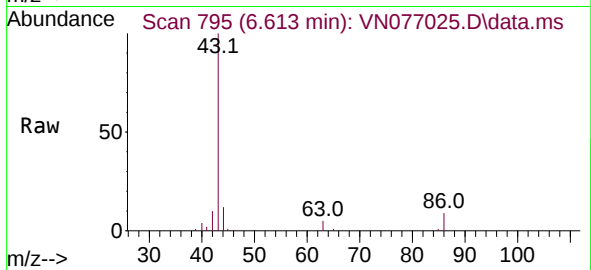
#23
 Vinyl Acetate
 Concen: 4.460 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 51339
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.0 12.0

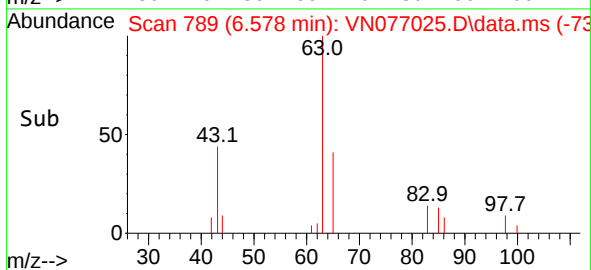
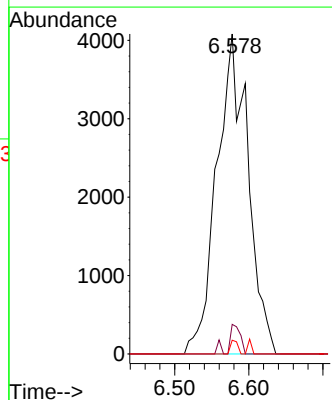
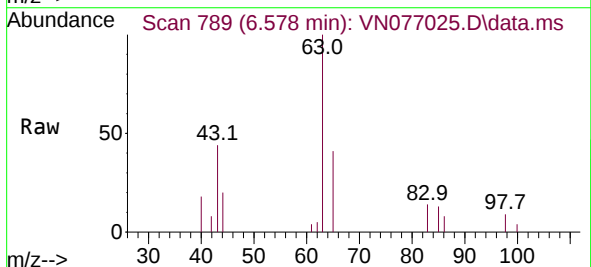
Manual Integrations
 APPROVED

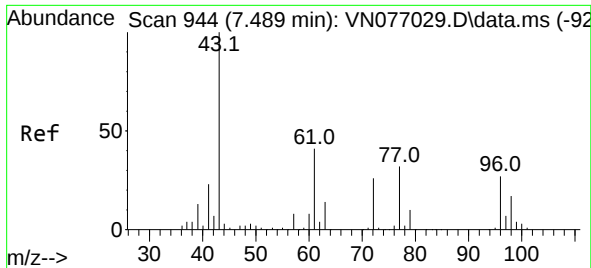
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#24
 1,1-Dichloroethane
 Concen: 1.147 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

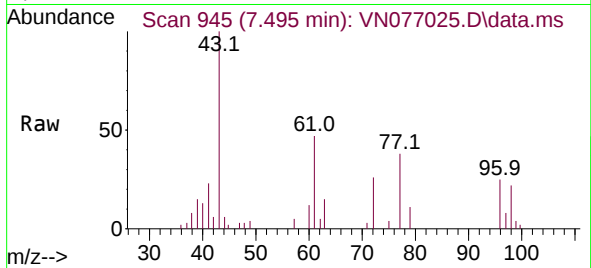
Tgt Ion: 63 Resp: 11978
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.1 9.4
 100 4.3 2.1 6.3





#25
2-Butanone
Concen: 5.121 ug/l
RT: 7.495 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

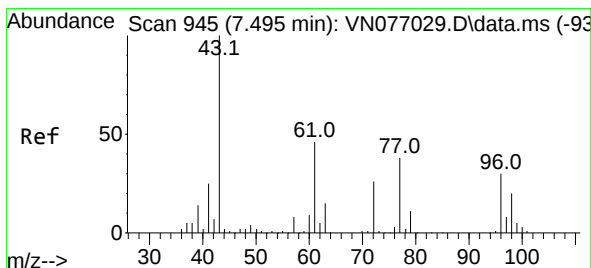
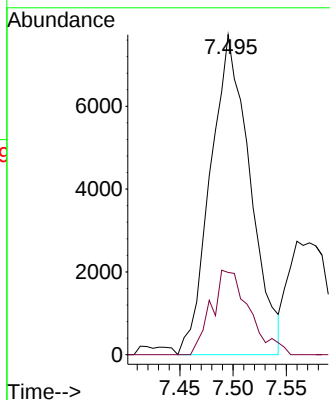
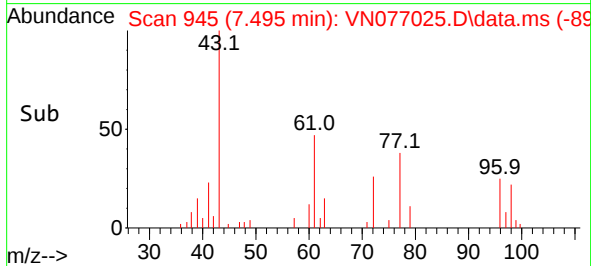
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 19974
Ion Ratio Lower Upper
43 100
72 25.7 20.7 31.1

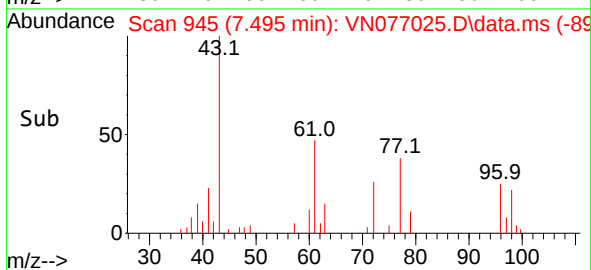
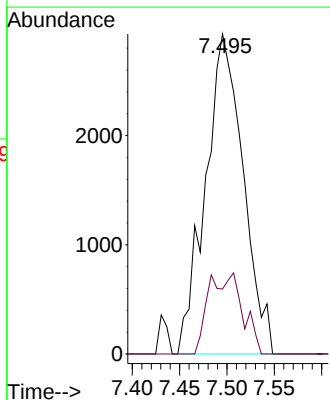
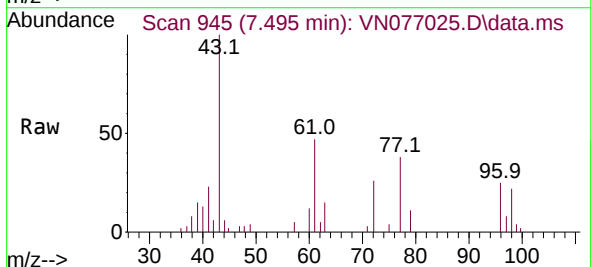
Manual Integrations
APPROVED

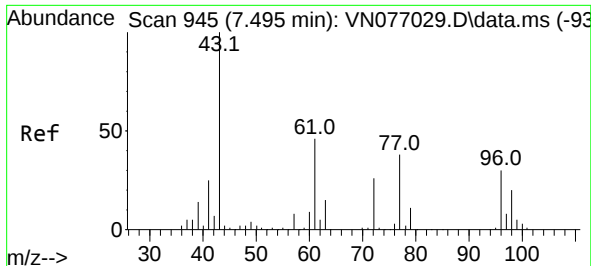
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#26
2,2-Dichloropropane
Concen: 1.034 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

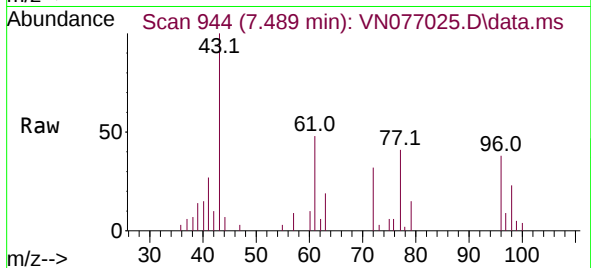
Tgt Ion: 77 Resp: 8122
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 1.003 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

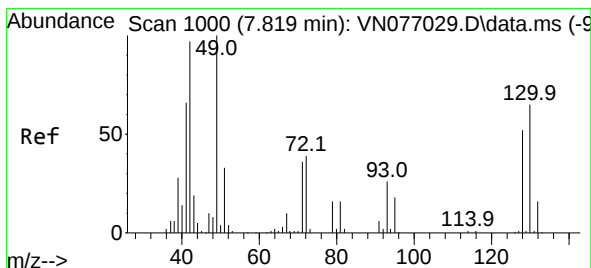
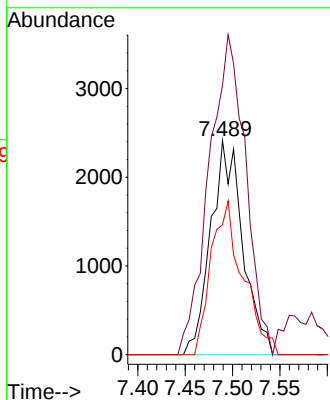
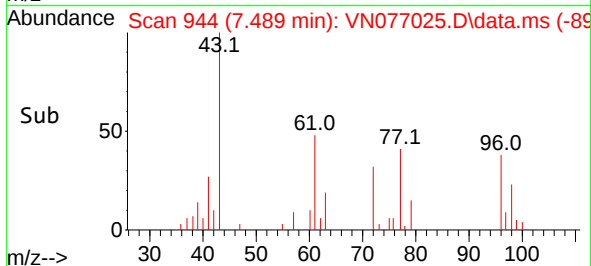
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 566
 Ion Ratio Lower Upper
 96 100
 61 171.1 0.0 315.4
 98 71.4 0.0 128.6

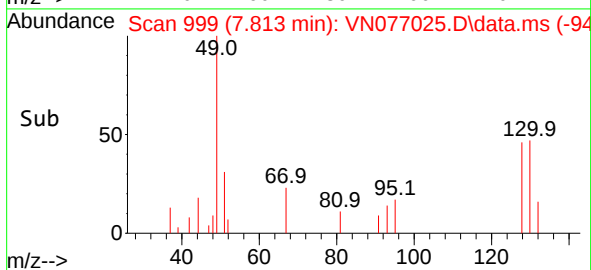
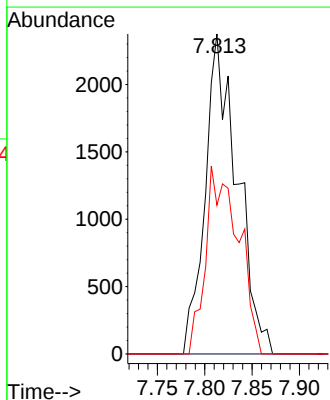
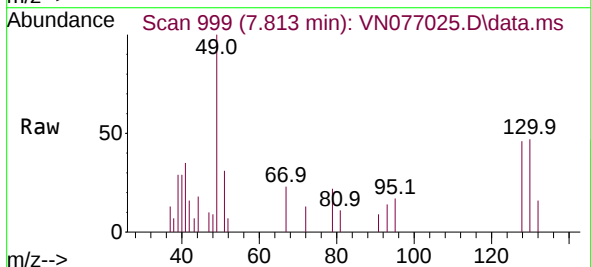
Manual Integrations
 APPROVED

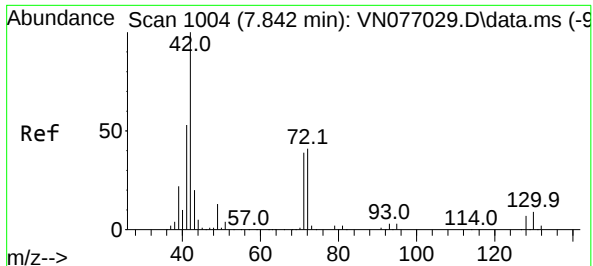
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#28
 Bromochloromethane
 Concen: 1.229 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

Tgt Ion: 49 Resp: 5570
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.2
 130 60.0 51.9 77.9





#29

Tetrahydrofuran

Concen: 4.907 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

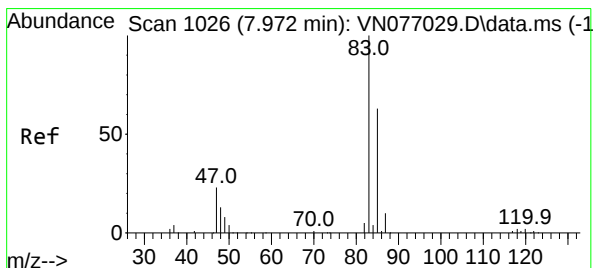
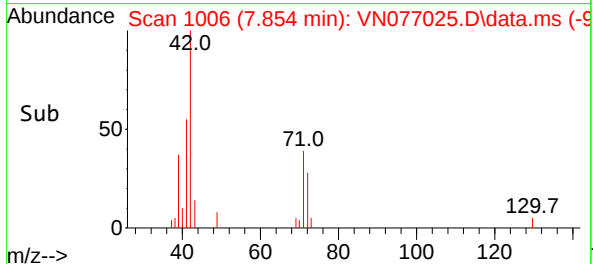
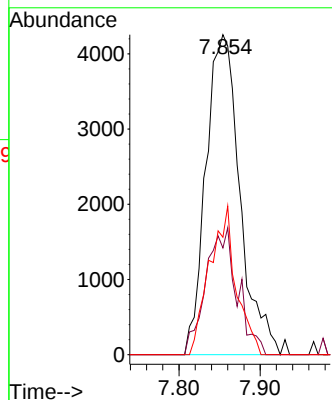
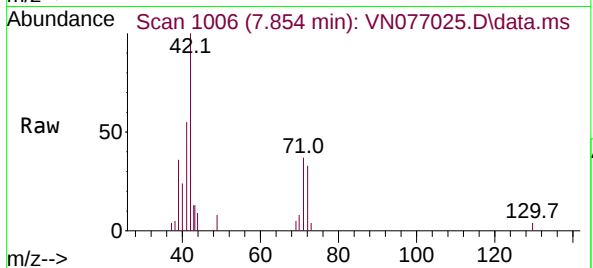
Tgt Ion: 42	Resp: 1240
Ion Ratio	Lower Upper
42 100	
72 36.6	33.2 49.8
71 36.1	31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#30

Chloroform

Concen: 1.127 ug/l

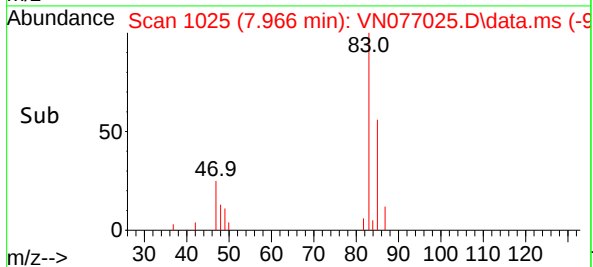
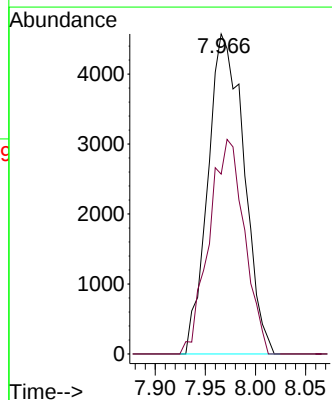
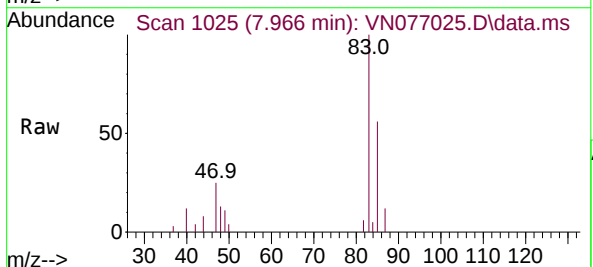
RT: 7.966 min Scan# 1025

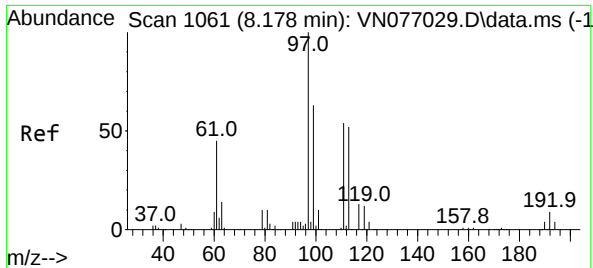
Delta R.T. -0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

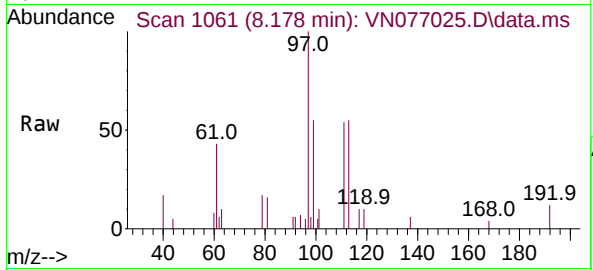
Tgt Ion: 83	Resp: 11416
Ion Ratio	Lower Upper
83 100	
85 56.2	50.6 75.8





#32
 1,1,1-Trichloroethane
 Concen: 1.098 ug/l
 RT: 8.178 min Scan# 1061
 Delta R.T. -0.000 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

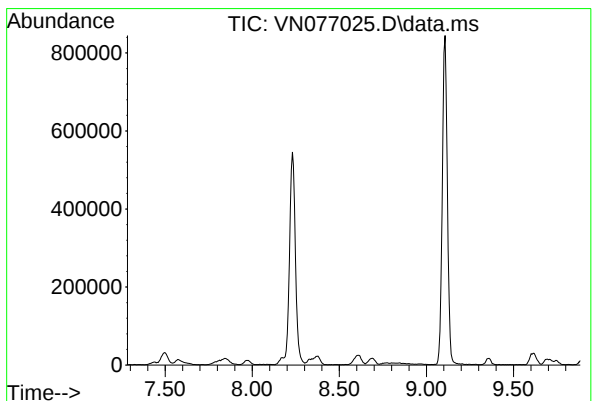
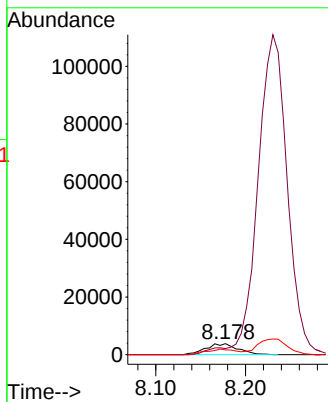
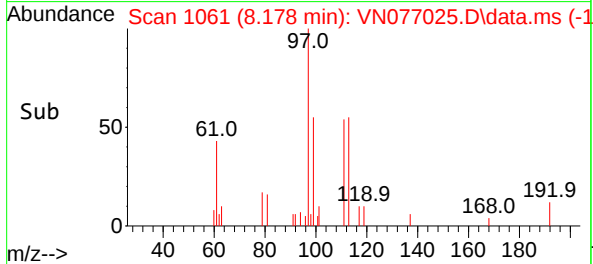
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 97	Resp: 951
Ion Ratio	Lower Upper
97	100
99	0.0 50.2 75.2
61	45.7 39.0 58.6

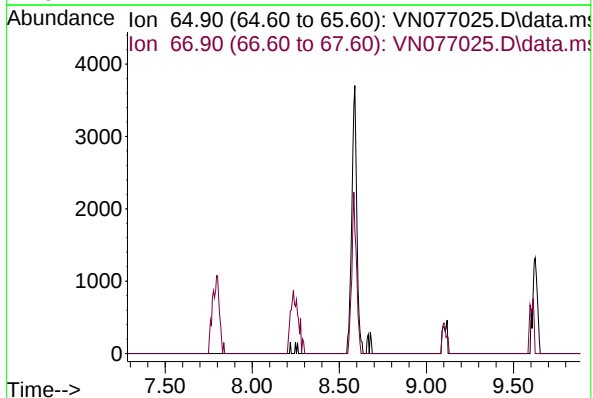
Manual Integrations
 APPROVED

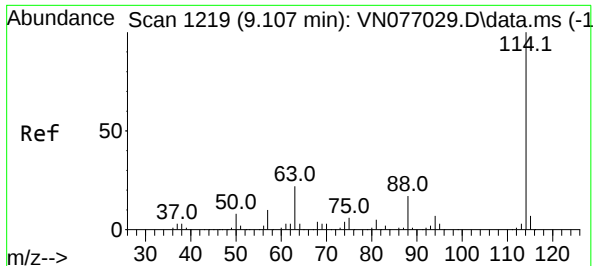
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

Tgt Ion: 65
Sig Exp Ratio
65 100
67 52.6





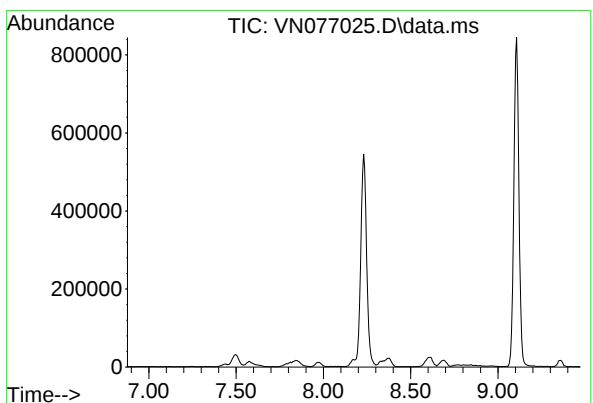
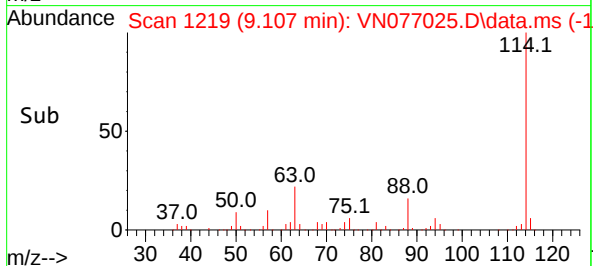
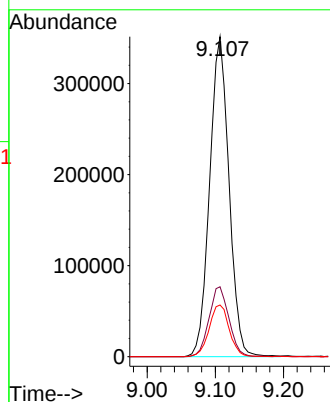
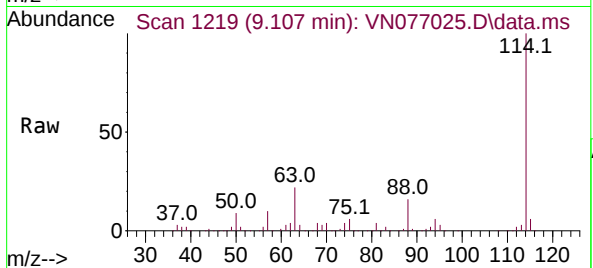
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:114 Resp: 694412
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.6
88 16.1 0.0 33.8

Manual Integrations
APPROVED

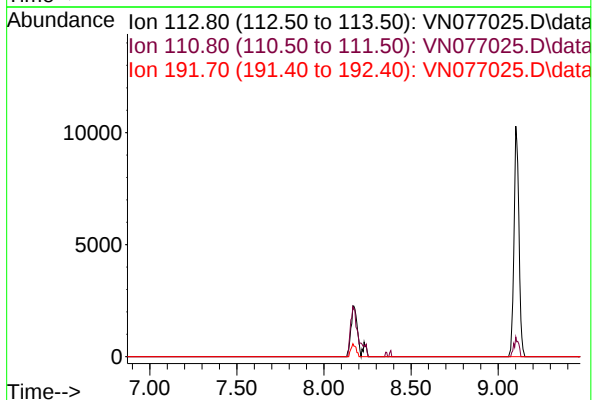
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



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

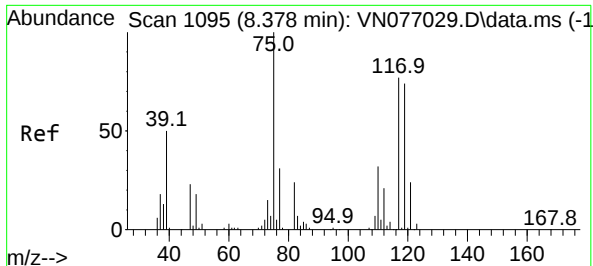
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.7
192 16.3



Ion 110.80 (110.50 to 111.50): VN077025.D\data.ms

Ion 191.70 (191.40 to 192.40): VN077025.D\data.ms



#36

1,1-Dichloropropene

Concen: 1.042 ug/l

RT: 8.383 min Scan# 1096

Delta R.T. 0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

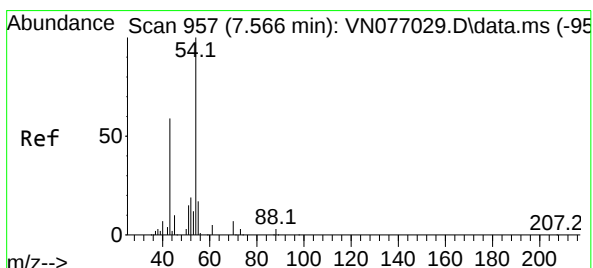
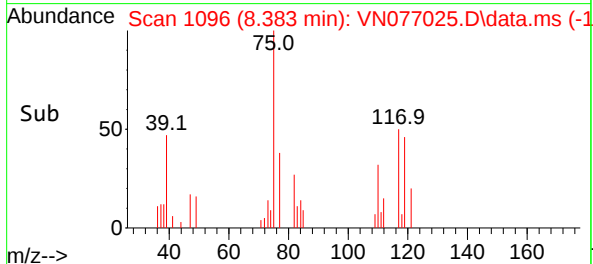
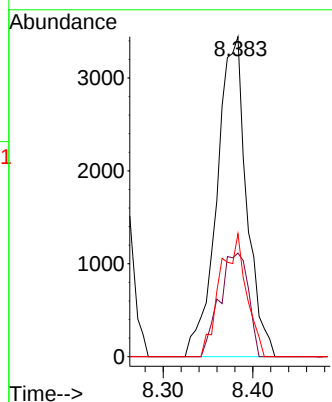
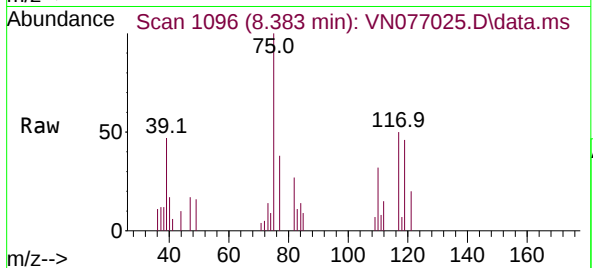
Tgt Ion:	75	Resp:	791
Ion	Ratio	Lower	Upper
75	100		
110	31.5	15.9	47.7
77	34.0	24.3	36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#37

Ethyl Acetate

Concen: 1.025 ug/l

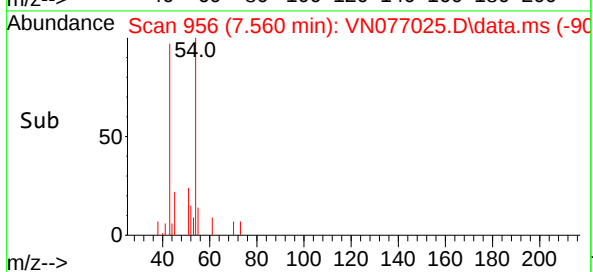
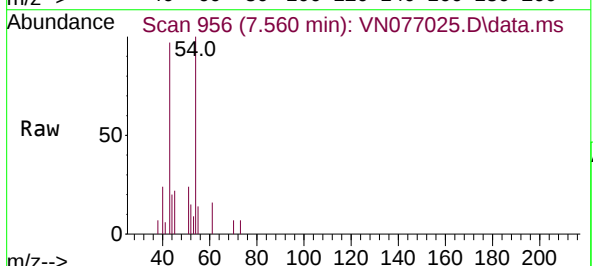
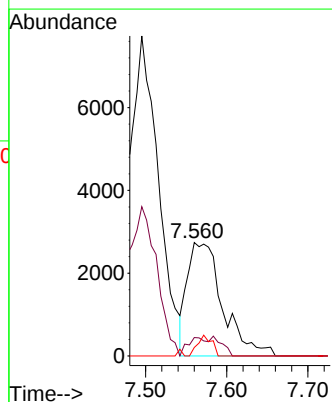
RT: 7.560 min Scan# 956

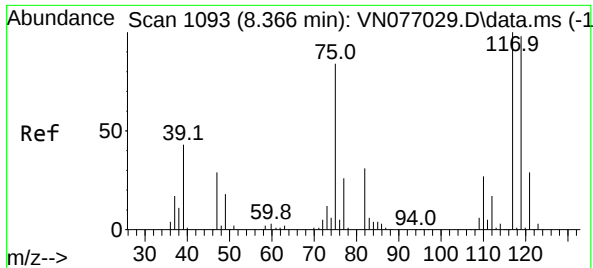
Delta R.T. -0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

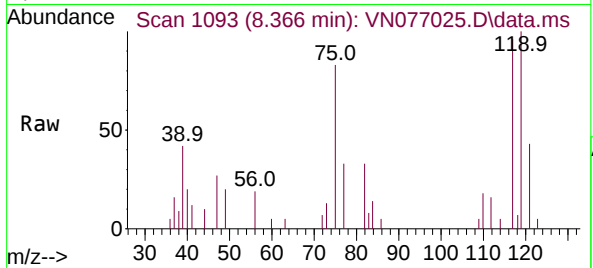
Tgt Ion:	43	Resp:	8326
Ion	Ratio	Lower	Upper
43	100		
61	9.1	11.0	16.6#
70	7.4	8.4	12.6#





#38
Carbon Tetrachloride
Concen: 1.049 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

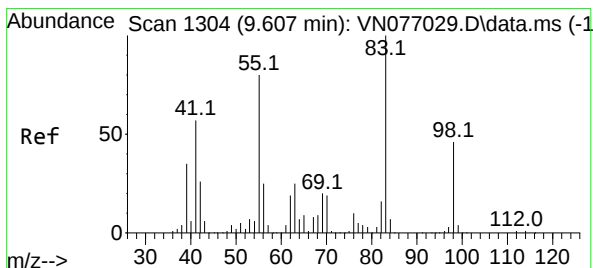
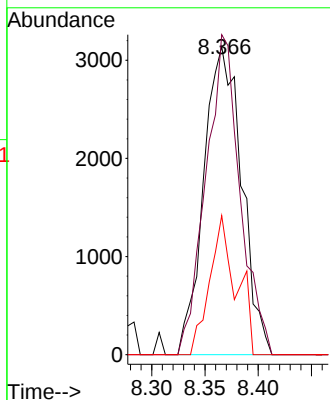
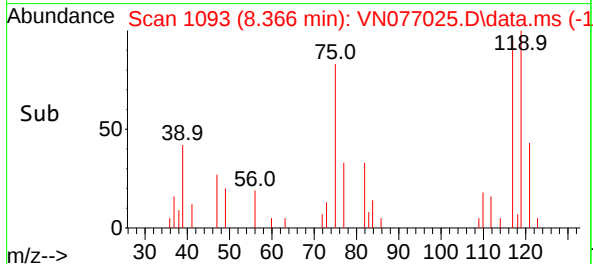
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



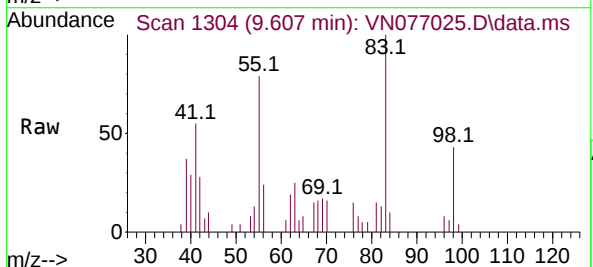
Tgt Ion:117 Resp: 776
Ion Ratio Lower Upper
117 100
119 103.9 78.2 117.2
121 45.2 23.2 34.8

Manual Integrations
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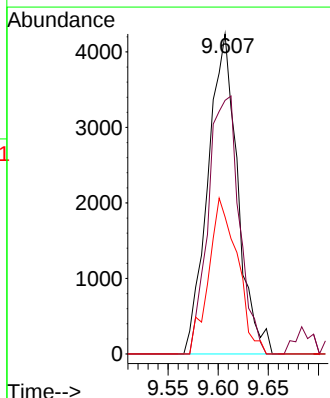
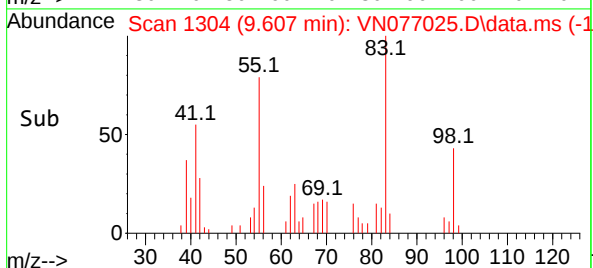
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

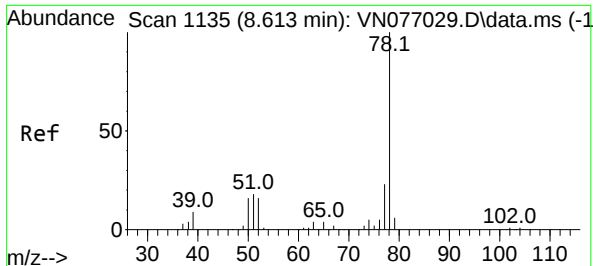


#39
Methylcyclohexane
Concen: 0.985 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25



Tgt Ion: 83 Resp: 8756
Ion Ratio Lower Upper
83 100
55 79.2 63.8 95.8
98 42.8 37.1 55.7





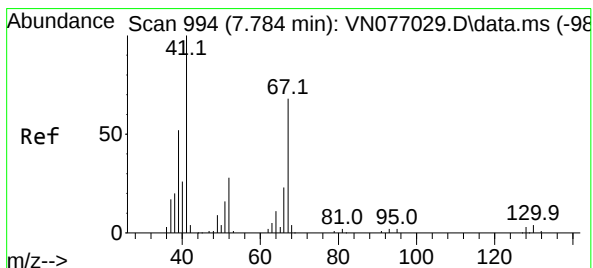
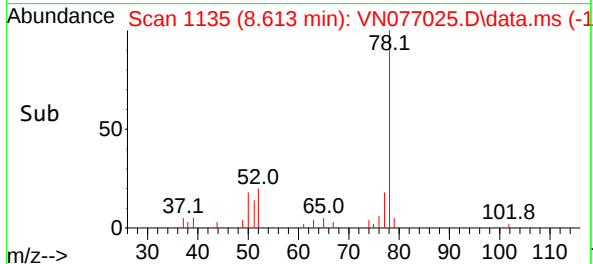
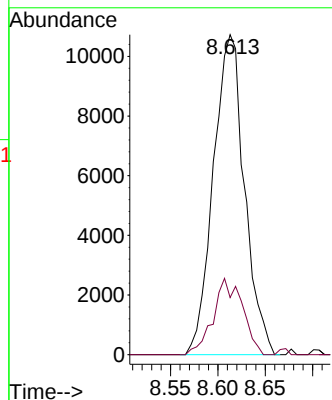
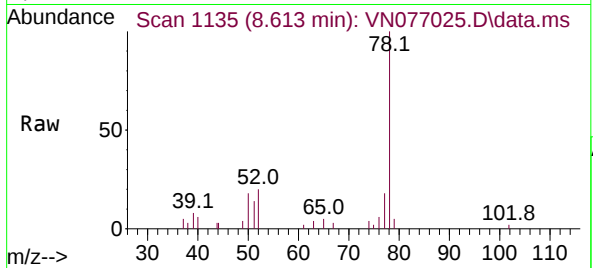
#40
Benzene
Concen: 1.065 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 2453
Ion Ratio Lower Upper
78 100
77 17.9 18.5 27.7

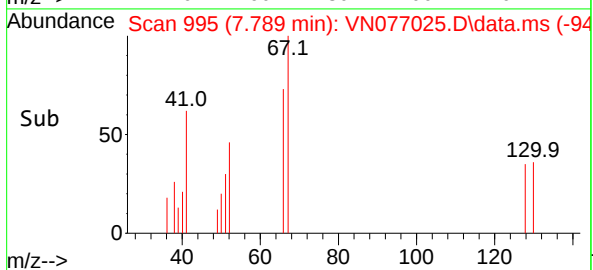
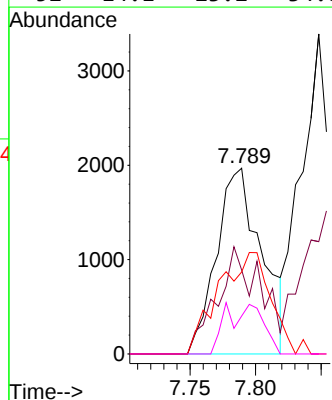
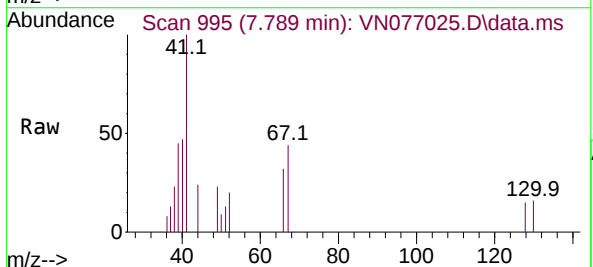
Manual Integrations
APPROVED

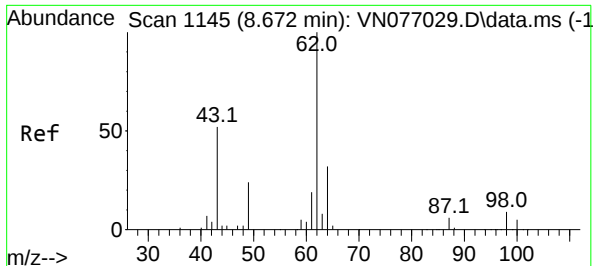
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#41
Methacrylonitrile
Concen: 1.100 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 41 Resp: 4709
Ion Ratio Lower Upper
41 100
39 55.3 41.6 62.4
67 63.8 53.8 80.8
52 14.1 23.2 34.8





#42

1,2-Dichloroethane

Concen: 1.109 ug/l

RT: 8.683 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

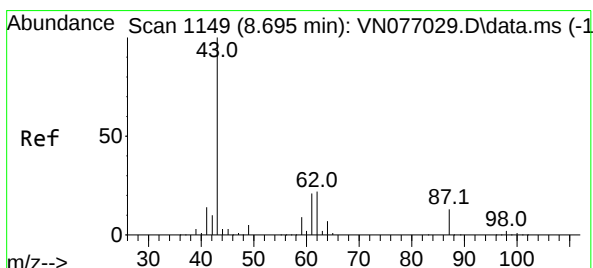
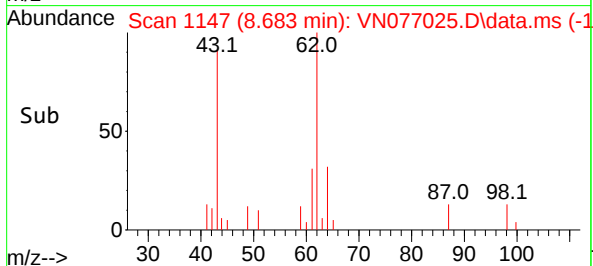
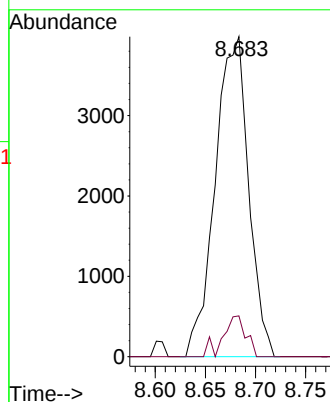
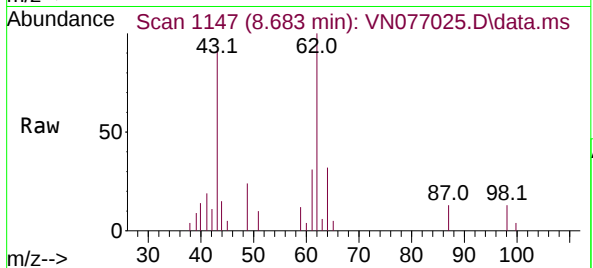
Tgt Ion: 62 Resp: 9228
 Ion Ratio Lower Upper
 62 100
 98 8.7 0.0 17.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#43

Isopropyl Acetate

Concen: 0.974 ug/l

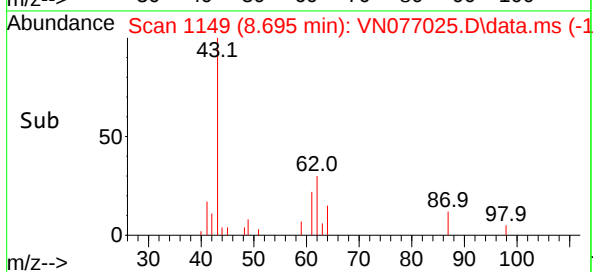
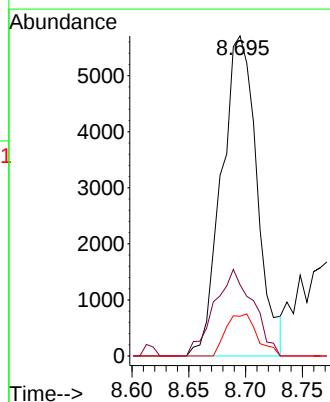
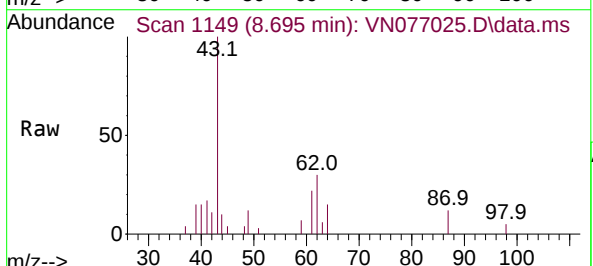
RT: 8.695 min Scan# 1149

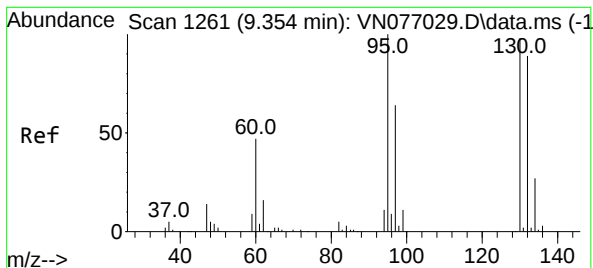
Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Tgt Ion: 43 Resp: 12369
 Ion Ratio Lower Upper
 43 100
 61 29.7 20.6 30.8
 87 11.5 10.0 15.0





#44

Trichloroethene

Concen: 1.199 ug/l

RT: 9.348 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:130 Resp: 6340

Ion Ratio Lower Upper

130 100

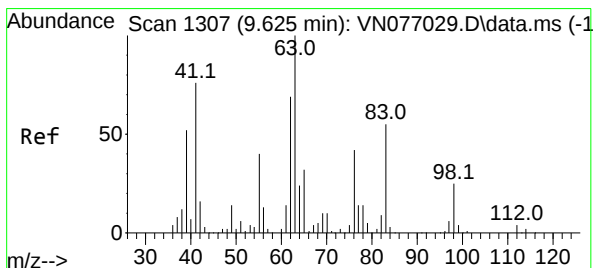
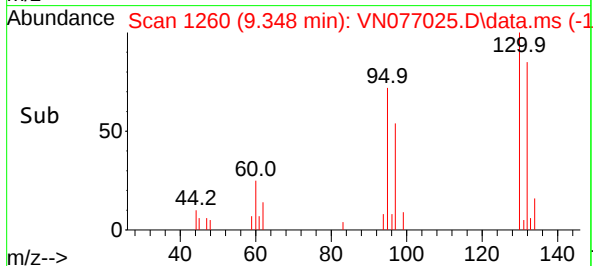
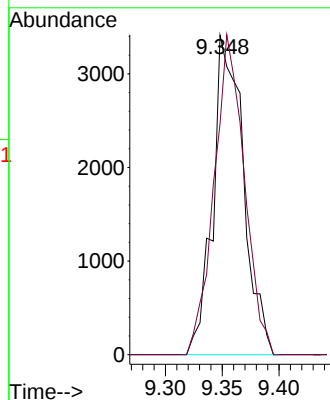
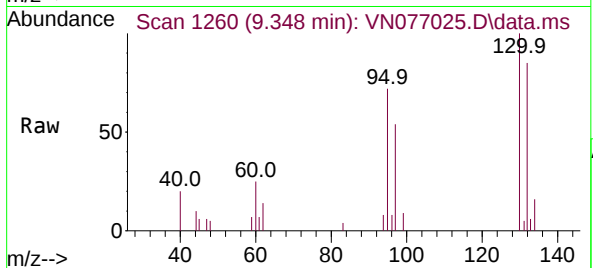
95 72.3 0.0 204.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#45

1,2-Dichloropropane

Concen: 1.071 ug/l

RT: 9.619 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VN077025.D

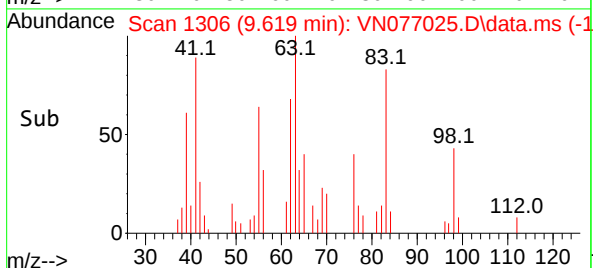
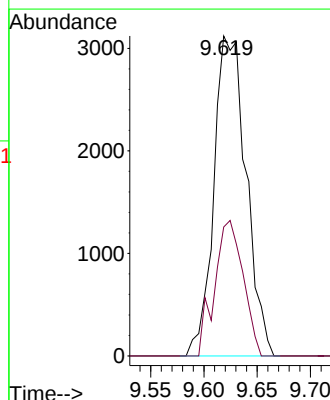
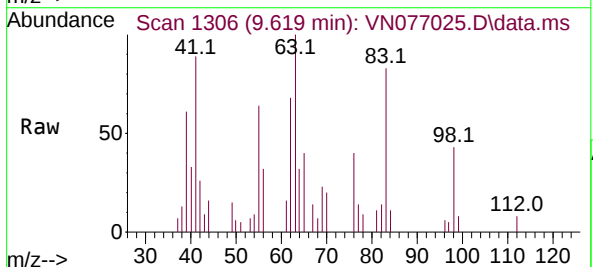
Acq: 17 Mar 2023 09:25

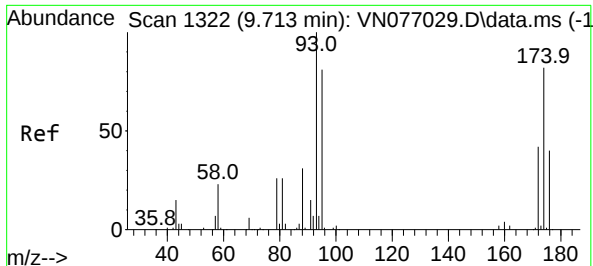
Tgt Ion: 63 Resp: 6554

Ion Ratio Lower Upper

63 100

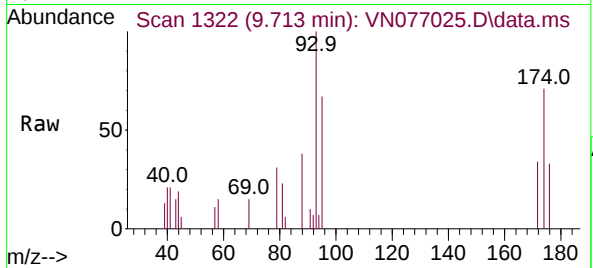
65 40.3 25.5 38.3#





#46
Dibromomethane
Concen: 1.112 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

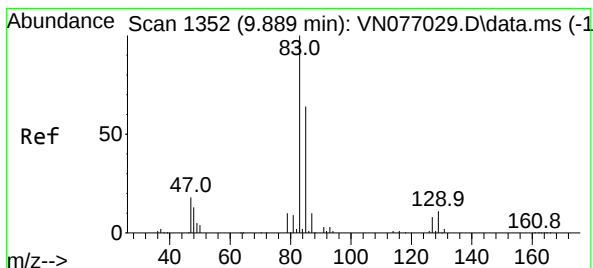
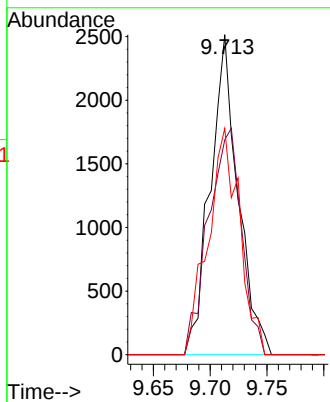
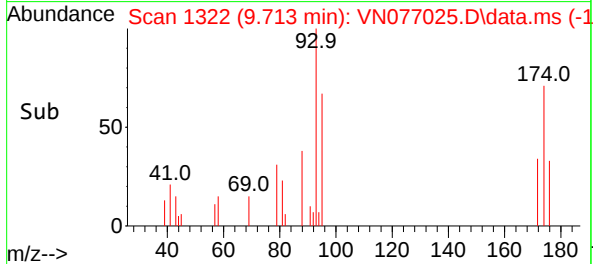
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



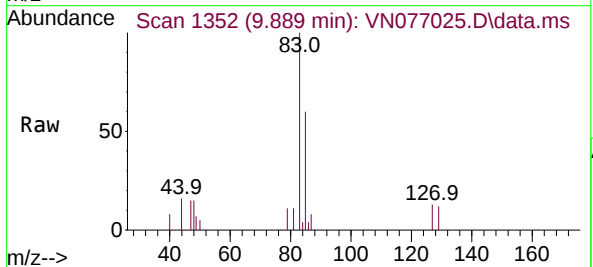
Tgt Ion: 93 Resp: 4290
Ion Ratio Lower Upper
93 100
95 84.1 65.7 98.5
174 80.0 66.4 99.6

Manual Integrations
APPROVED

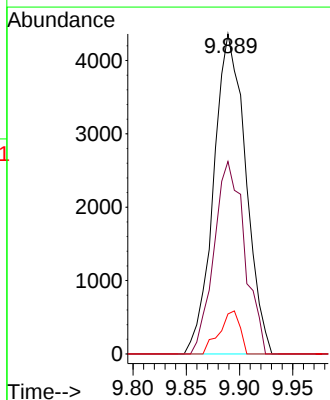
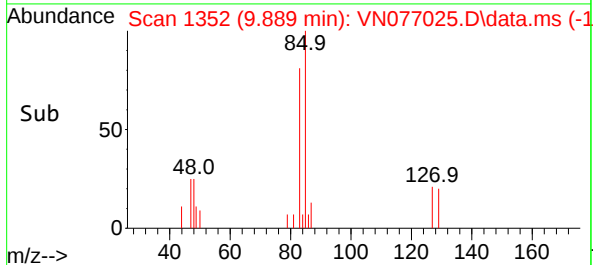
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

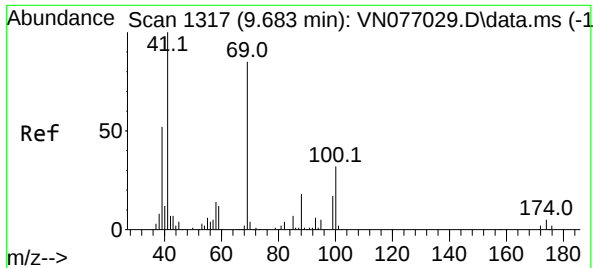


#47
Bromodichloromethane
Concen: 1.128 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25



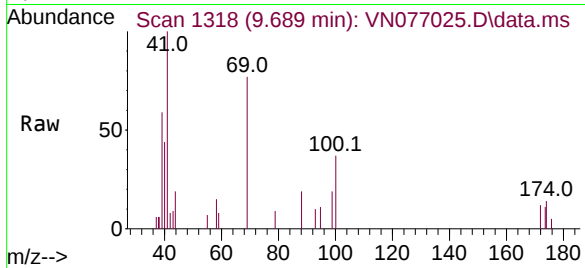
Tgt Ion: 83 Resp: 9128
Ion Ratio Lower Upper
83 100
85 60.1 51.0 76.4
127 12.5 6.1 9.1#





#48
Methyl methacrylate
Concen: 0.944 ug/l
RT: 9.689 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

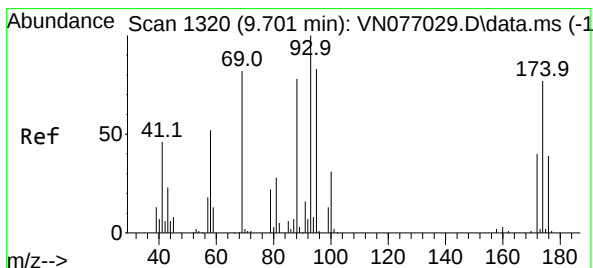
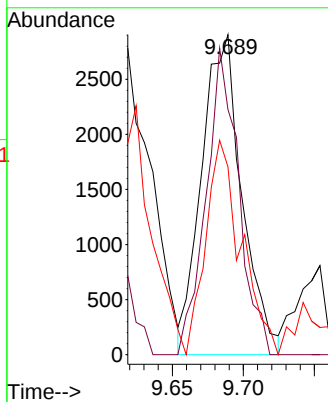
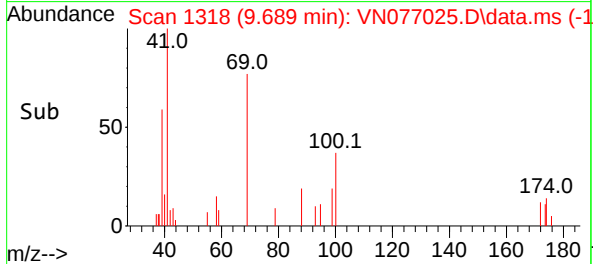
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



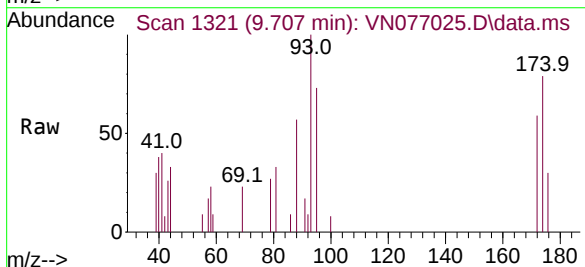
Tgt Ion: 41 Resp: 572
Ion Ratio Lower Upper
41 100
69 77.6 64.3 96.5
39 58.8 43.2 64.8

Manual Integrations
APPROVED

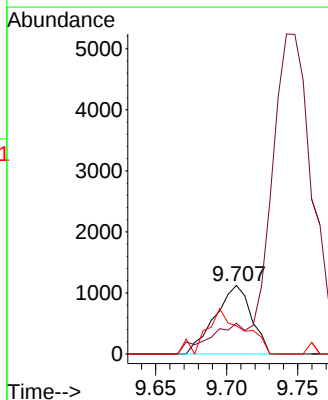
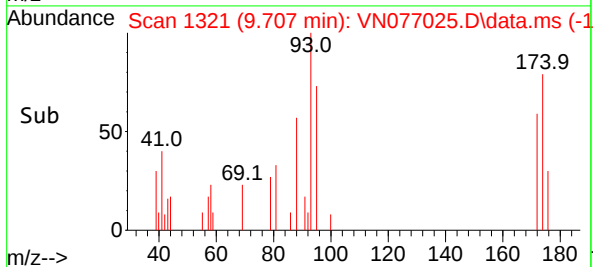
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

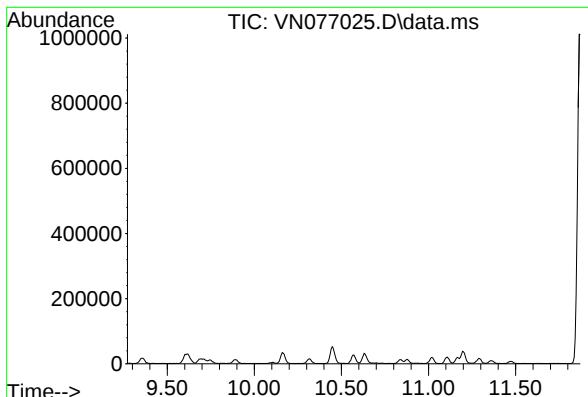


#49
1,4-Dioxane
Concen: 19.120 ug/l
RT: 9.707 min Scan# 1321
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25



Tgt Ion: 88 Resp: 1982
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.2#
58 67.8 60.8 91.2





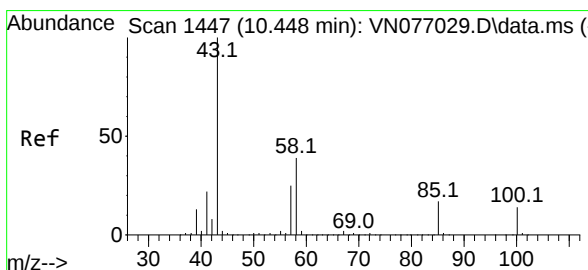
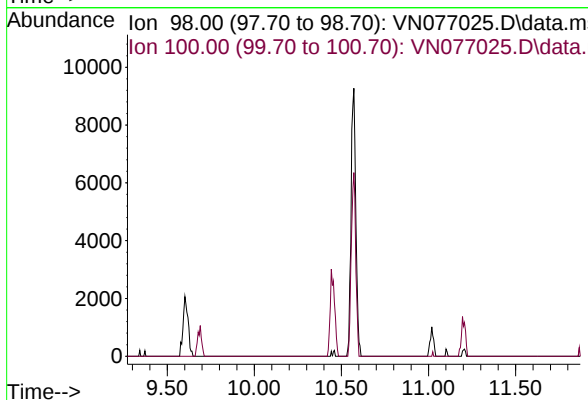
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.57 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 64.5

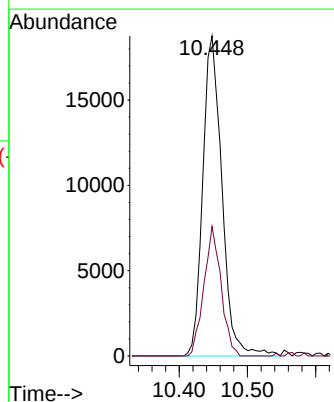
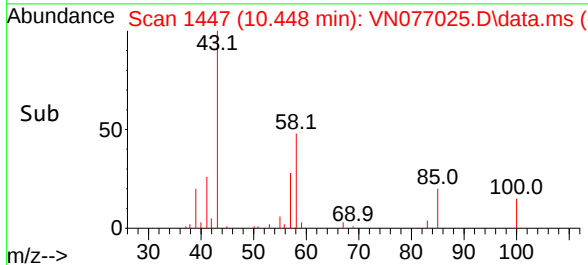
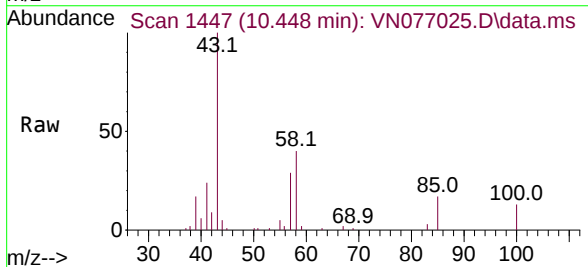
Manual Integrations
 APPROVED

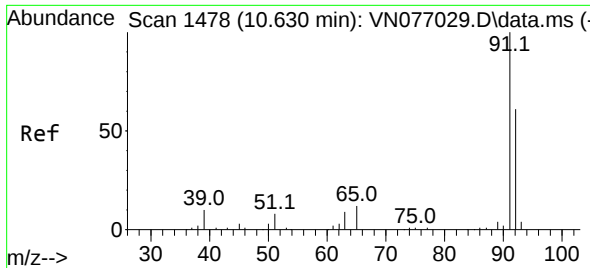
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#51
 4-Methyl-2-Pentanone
 Concen: 4.637 ug/l
 RT: 10.448 min Scan# 1447
 Delta R.T. -0.000 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

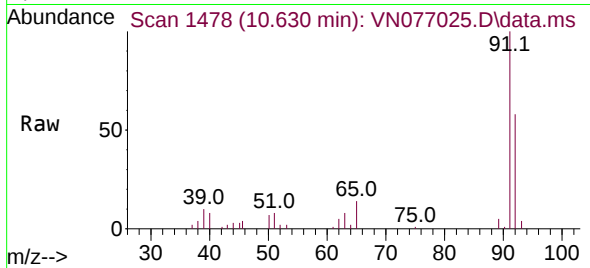
Tgt Ion: 43 Resp: 36659
 Ion Ratio Lower Upper
 43 100
 58 36.3 31.1 46.7





#52
Toluene
Concen: 0.977 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

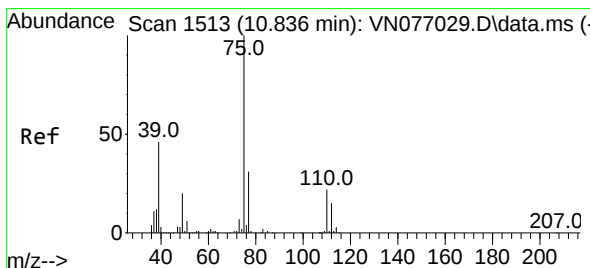
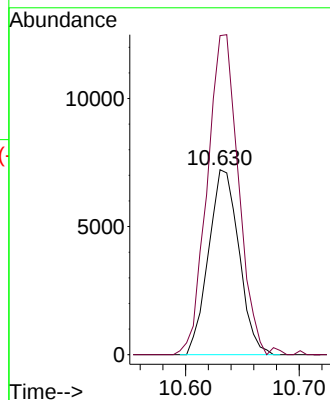
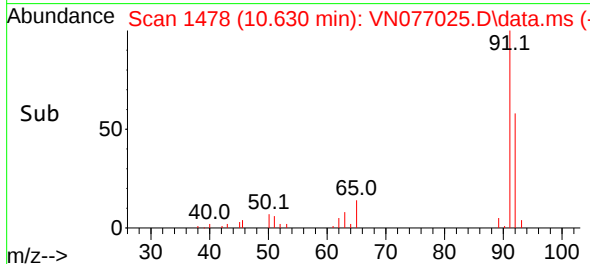
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



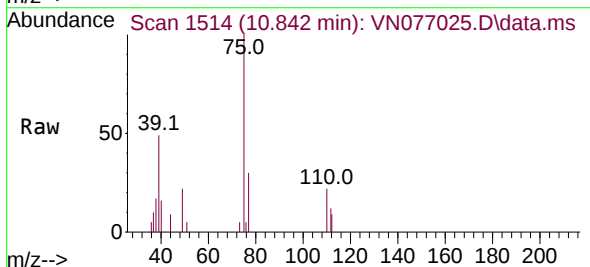
Tgt Ion: 92 Resp: 1344
Ion Ratio Lower Upper
92 100
91 178.1 135.8 203.8

Manual Integrations
APPROVED

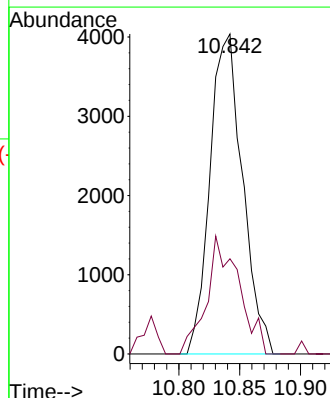
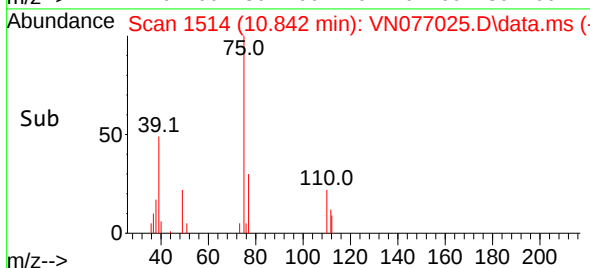
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

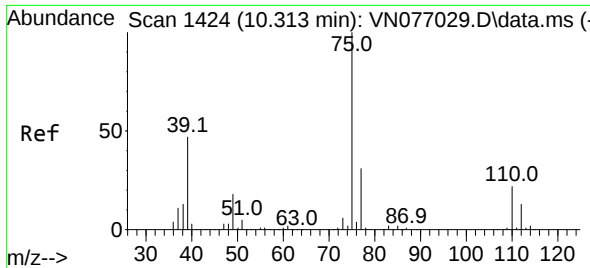


#53
t-1,3-Dichloropropene
Concen: 0.948 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25



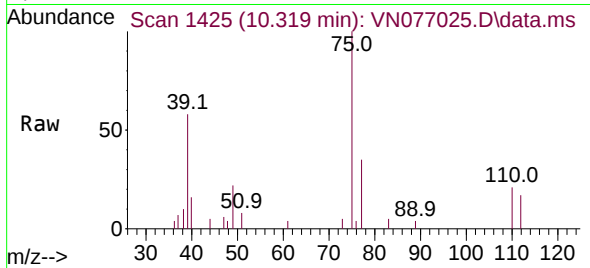
Tgt Ion: 75 Resp: 7517
Ion Ratio Lower Upper
75 100
77 29.7 25.1 37.7





#54
 cis-1,3-Dichloropropene
 Concen: 0.945 ug/l
 RT: 10.319 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

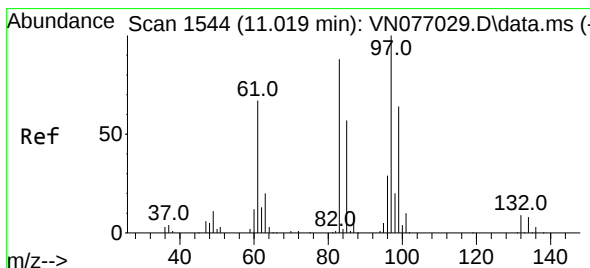
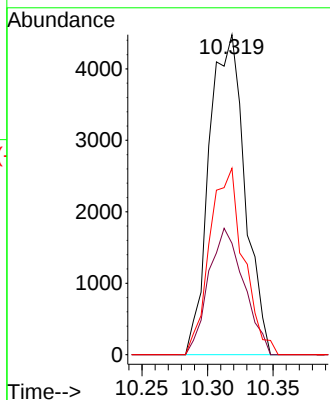
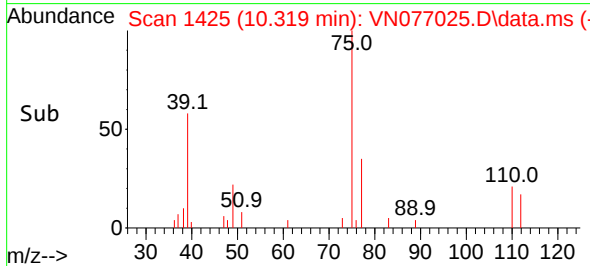
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 8460
 Ion Ratio Lower Upper
 75 100
 77 34.8 24.5 36.7
 39 58.3 37.8 56.6

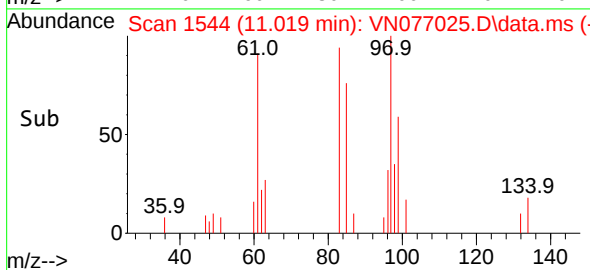
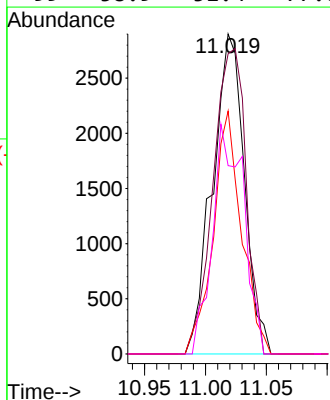
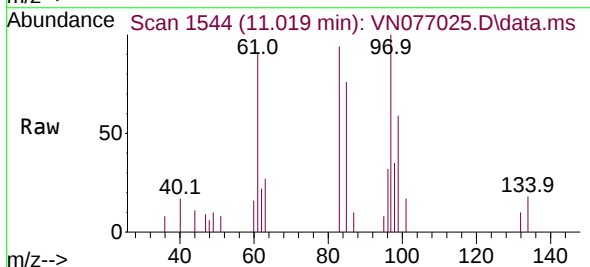
Manual Integrations
 APPROVED

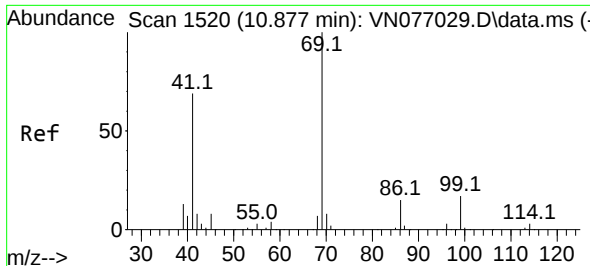
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#55
 1,1,2-Trichloroethane
 Concen: 0.974 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

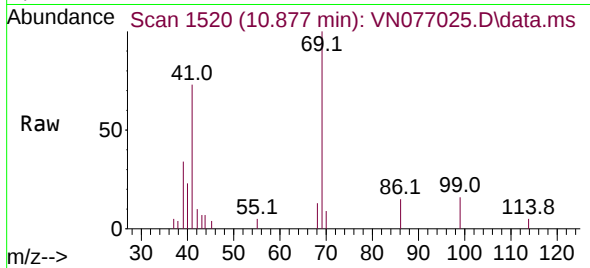
Tgt Ion: 97 Resp: 5283
 Ion Ratio Lower Upper
 97 100
 83 93.8 70.5 105.7
 85 75.9 45.4 68.2#
 99 58.9 51.4 77.0





#56
Ethyl methacrylate
Concen: 0.864 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

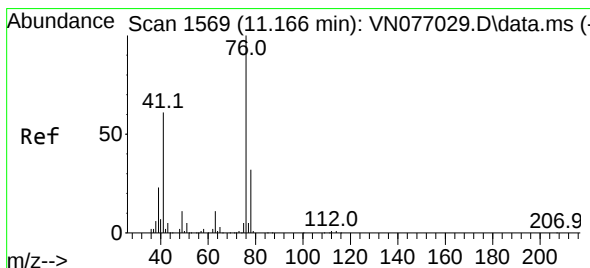
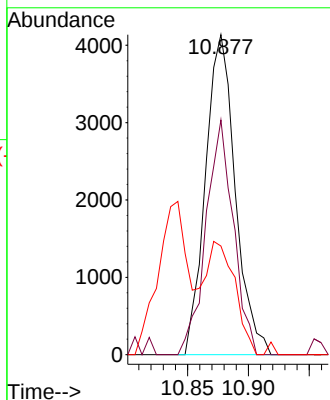
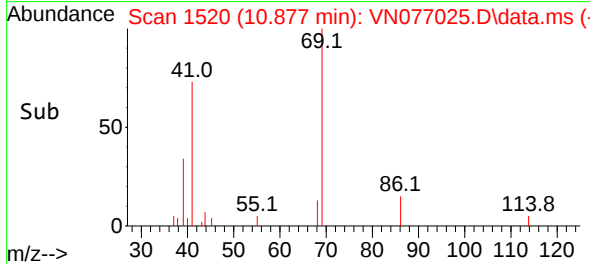
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



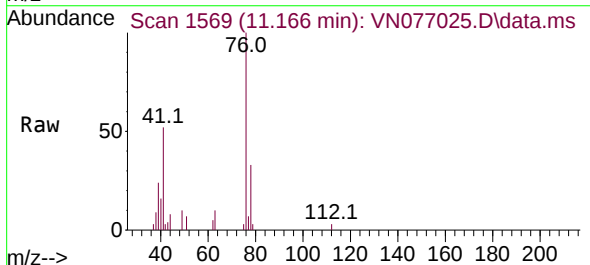
Tgt Ion: 69 Resp: 7044
Ion Ratio Lower Upper
69 100
41 67.4 54.9 82.3
39 33.3 26.6 40.0

Manual Integrations
APPROVED

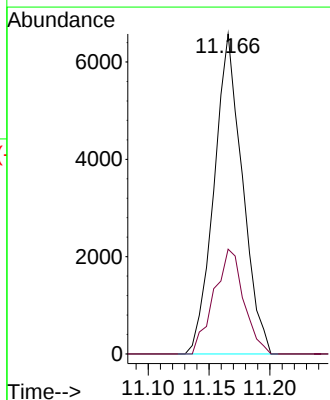
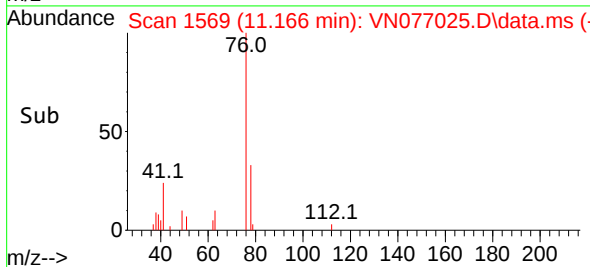
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

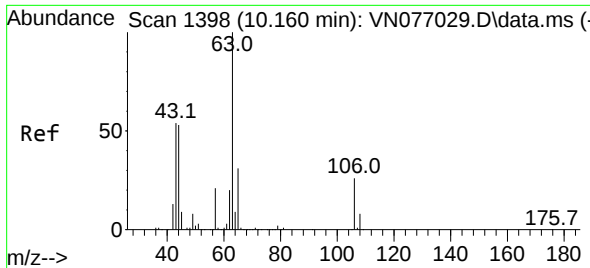


#57
1,3-Dichloropropane
Concen: 1.071 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25



Tgt Ion: 76 Resp: 10634
Ion Ratio Lower Upper
76 100
78 34.4 25.3 37.9





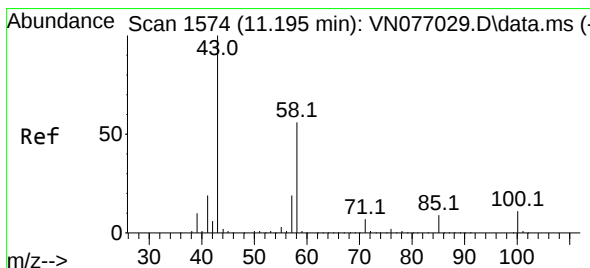
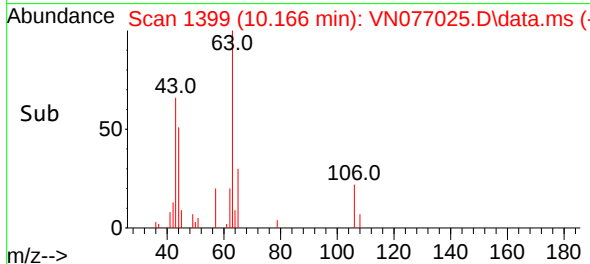
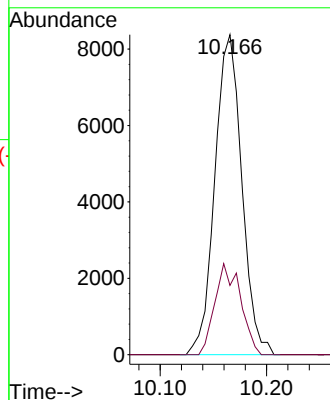
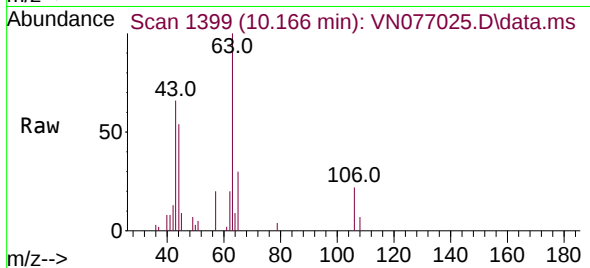
#58
2-Chloroethyl Vinyl ether
Concen: 4.232 ug/l
RT: 10.166 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 14715
Ion Ratio Lower Upper
63 100
106 27.1 20.6 31.0

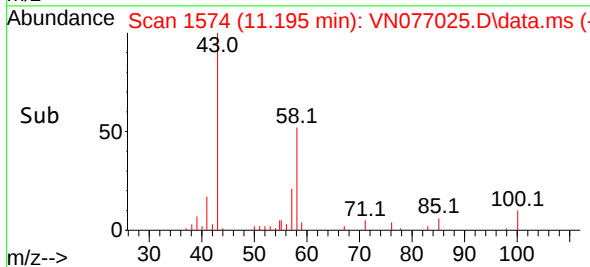
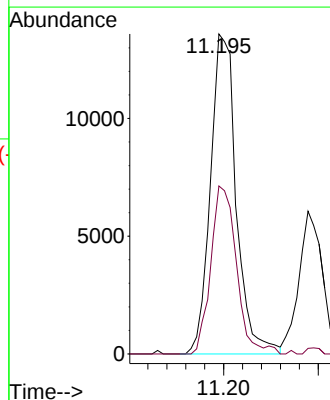
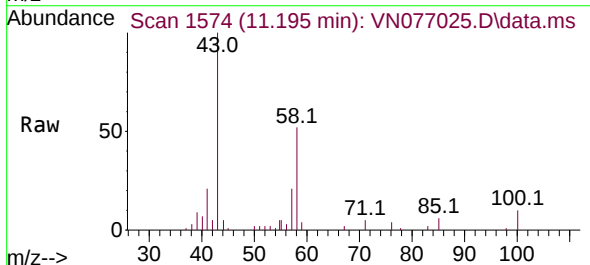
Manual Integrations
APPROVED

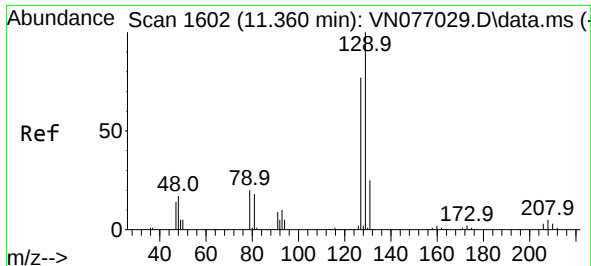
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#59
2-Hexanone
Concen: 4.486 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

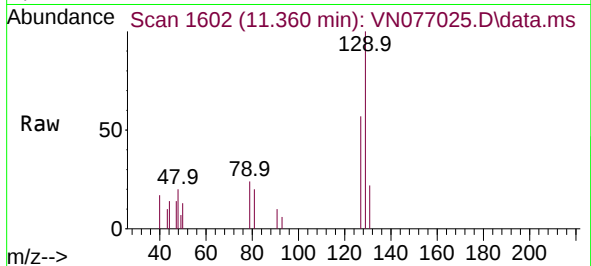
Tgt Ion: 43 Resp: 25721
Ion Ratio Lower Upper
43 100
58 52.1 27.7 83.1





#60
Dibromochloromethane
Concen: 1.009 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

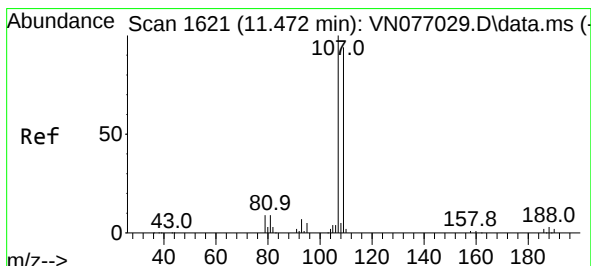
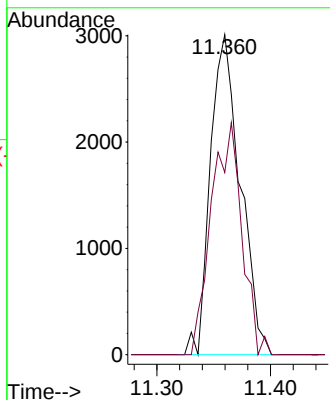
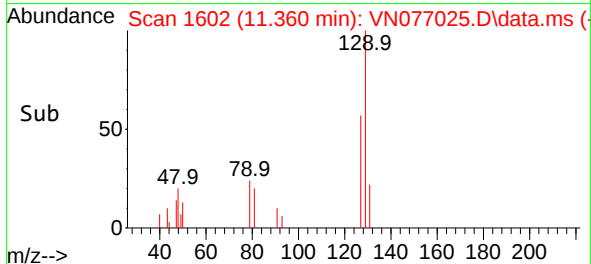
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



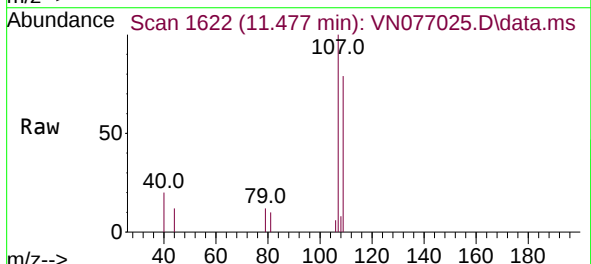
Tgt Ion:129 Resp: 549
Ion Ratio Lower Upper
129 100
127 74.2 38.6 115.7

Manual Integrations
APPROVED

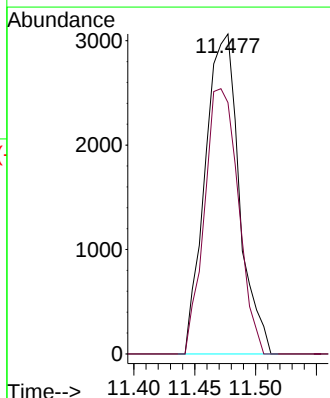
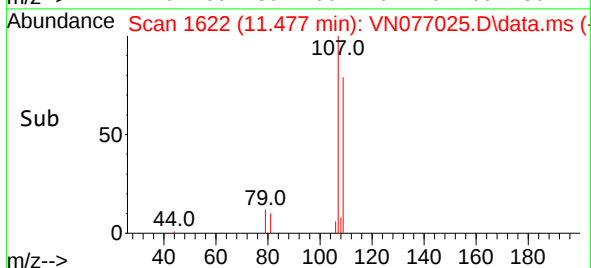
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

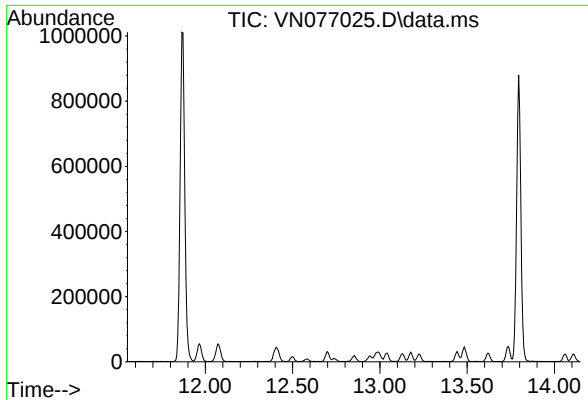


#61
1,2-Dibromoethane
Concen: 1.116 ug/l
RT: 11.477 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25



Tgt Ion:107 Resp: 6002
Ion Ratio Lower Upper
107 100
109 81.9 75.6 113.4





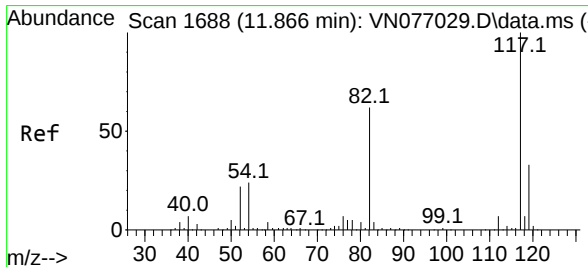
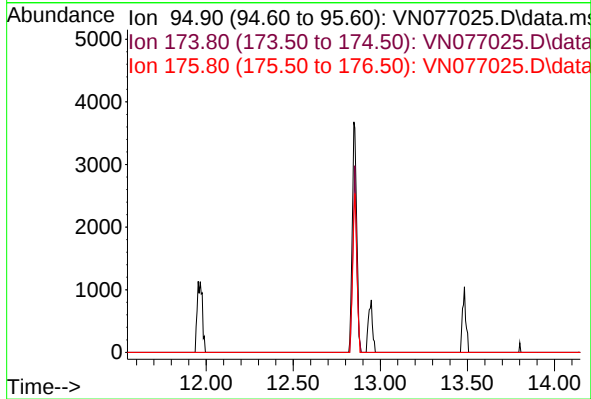
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 68.3
 176 65.0

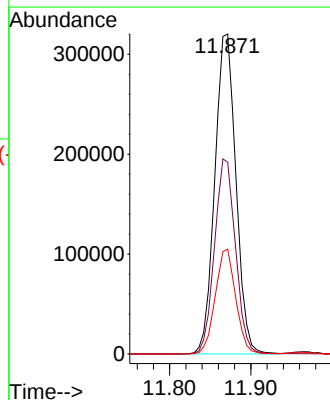
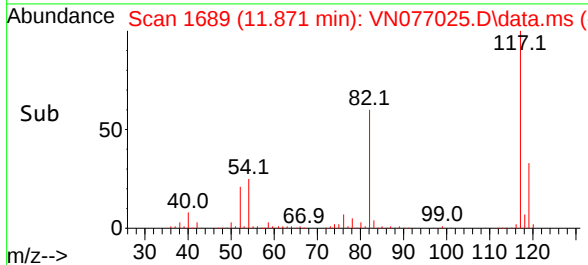
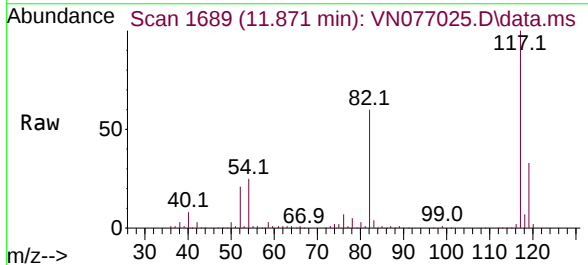
Manual Integrations
 APPROVED

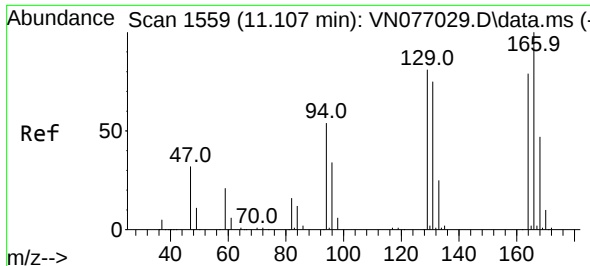
Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1689
 Delta R.T. 0.006 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

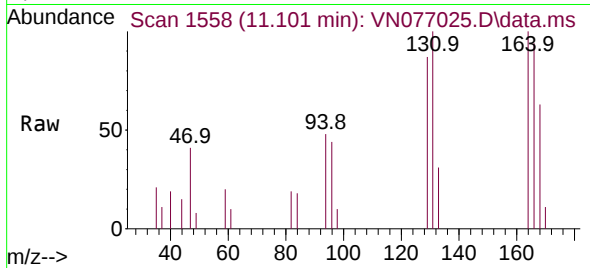
Tgt Ion: 117 Resp: 580100
 Ion Ratio Lower Upper
 117 100
 82 59.9 49.4 74.0
 119 32.7 26.5 39.7





#64
Tetrachloroethene
Concen: 1.156 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

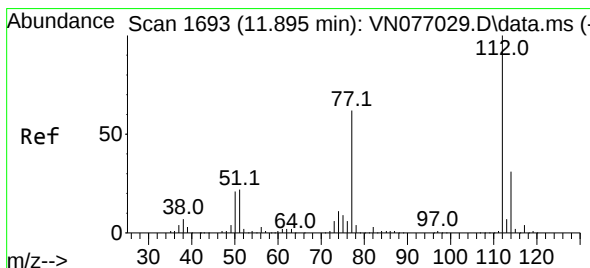
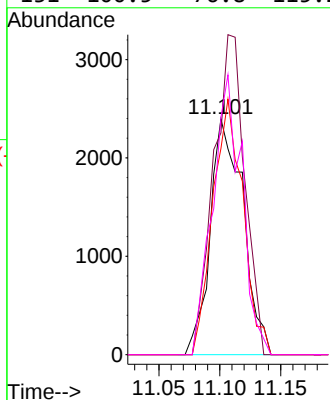
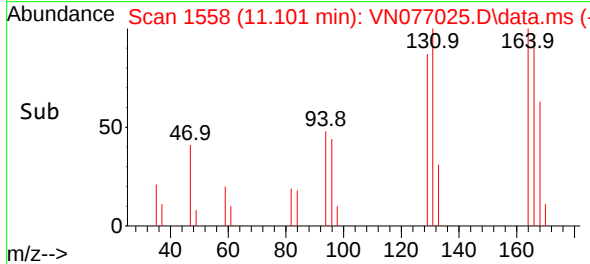
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 4499
Ion Ratio Lower Upper
164 100
166 94.0 101.9 152.9
129 87.4 82.6 123.8
131 100.5 76.8 115.2

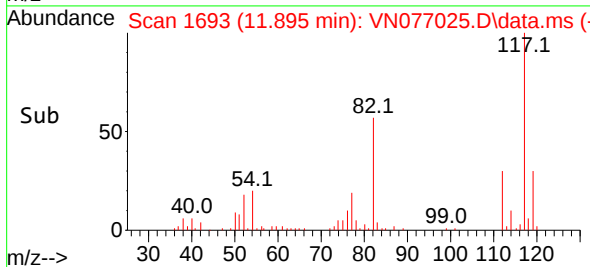
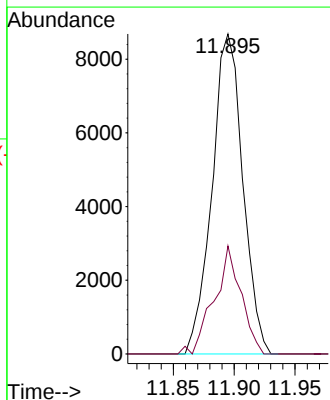
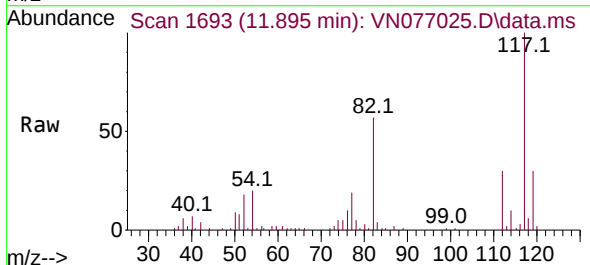
Manual Integrations
APPROVED

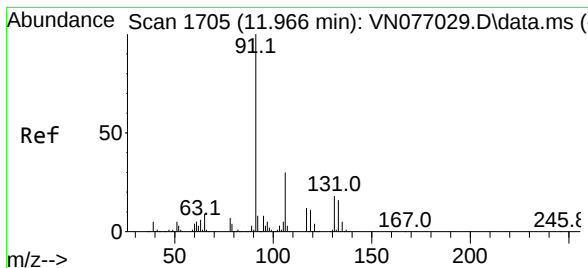
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#65
Chlorobenzene
Concen: 1.146 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

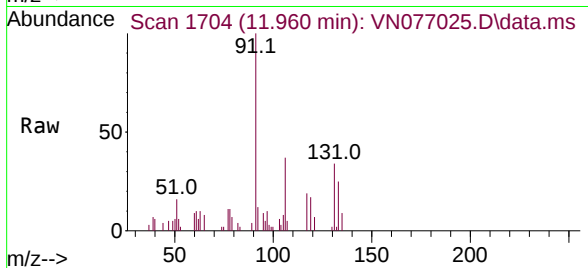
Tgt Ion:112 Resp: 15295
Ion Ratio Lower Upper
112 100
114 33.8 24.8 37.2





#66
1,1,1,2-Tetrachloroethane
Concen: 1.158 ug/l
RT: 11.960 min Scan# 1705
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

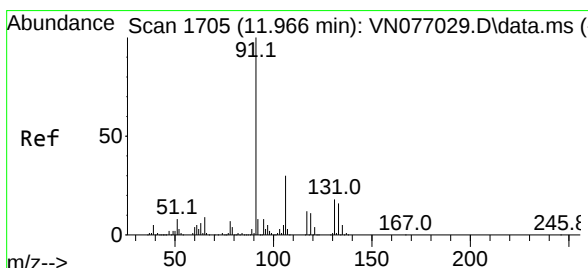
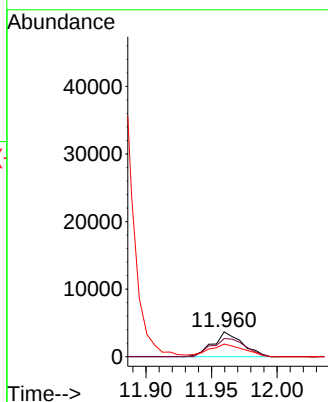
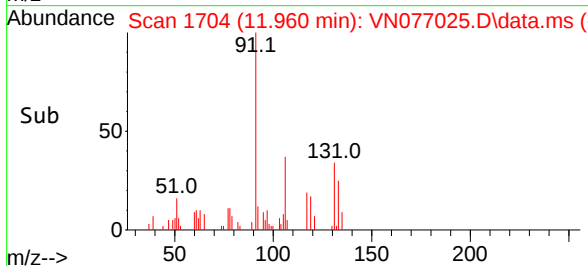
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



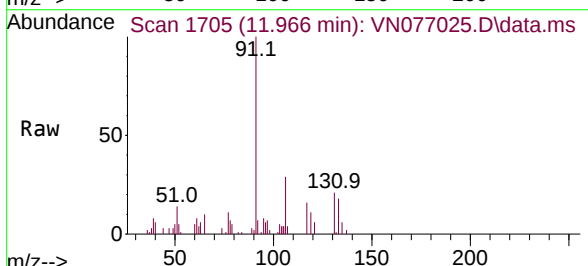
Tgt Ion:131 Resp: 572
Ion Ratio Lower Upper
131 100
133 84.6 46.8 140.3
119 0.0 32.6 97.8

Manual Integrations
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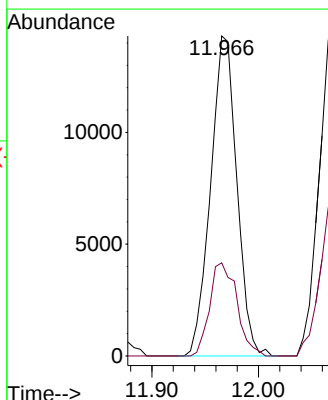
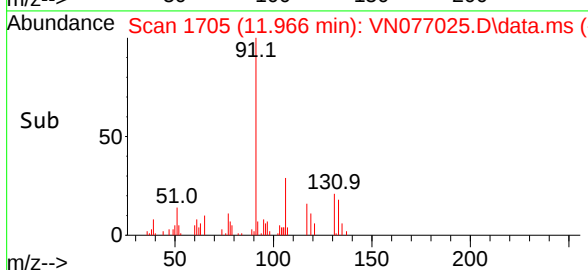
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

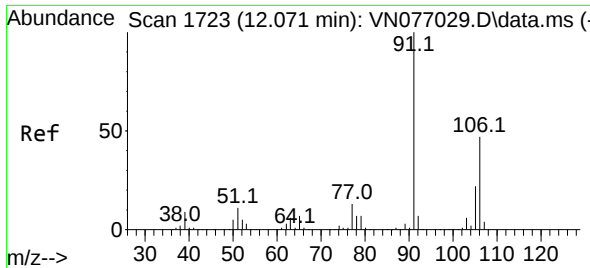


#67
Ethyl Benzene
Concen: 1.010 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25



Tgt Ion: 91 Resp: 24489
Ion Ratio Lower Upper
91 100
106 29.1 24.3 36.5





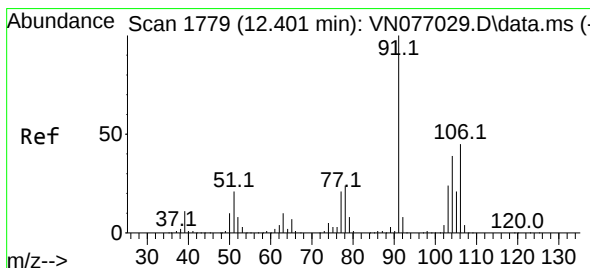
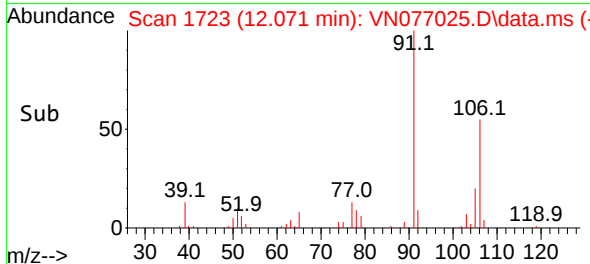
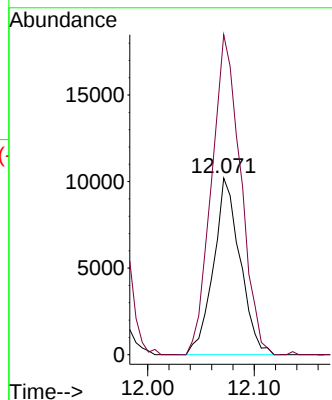
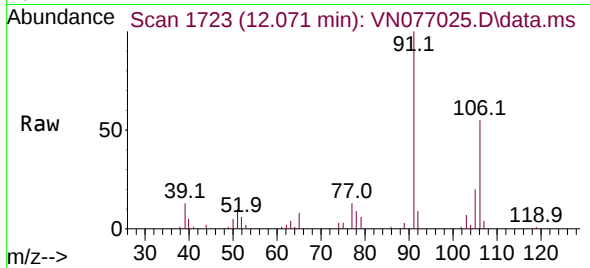
#68
m/p-Xylenes
Concen: 1.969 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 17708
Ion Ratio Lower Upper
106 100
91 197.5 168.0 252.0

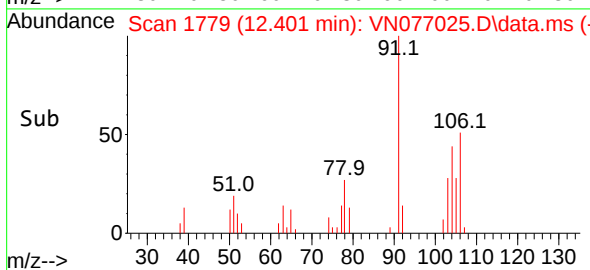
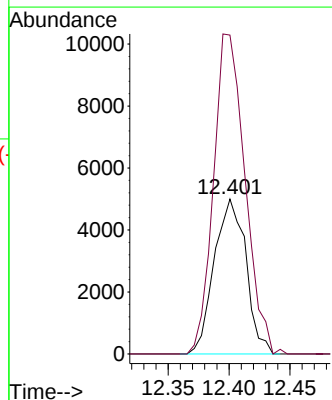
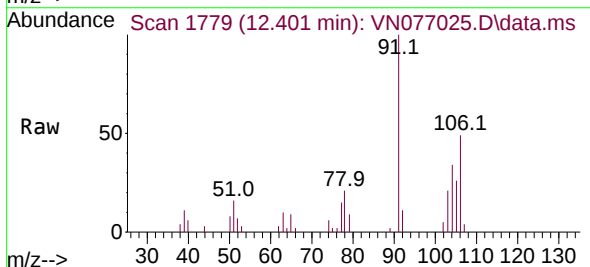
Manual Integrations
APPROVED

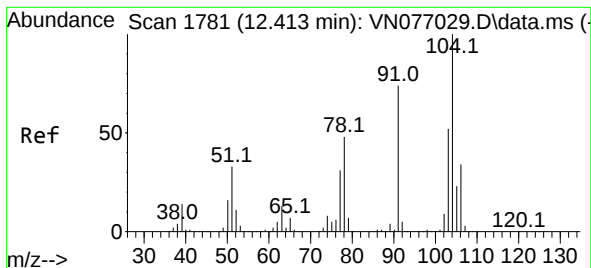
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#69
o-Xylene
Concen: 1.014 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:106 Resp: 9057
Ion Ratio Lower Upper
106 100
91 205.5 110.3 330.9





#70

Styrene

Concen: 0.855 ug/l

RT: 12.418 min Scan# 1188

Delta R.T. 0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:104 Resp: 1188

Ion Ratio Lower Upper

104 100

78 53.8 41.8 62.8

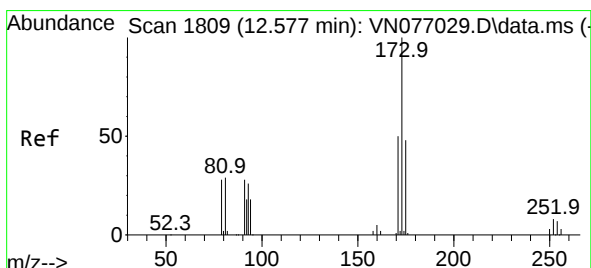
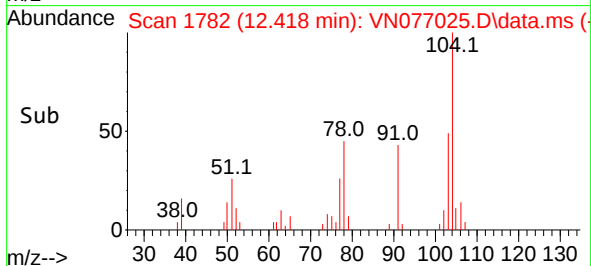
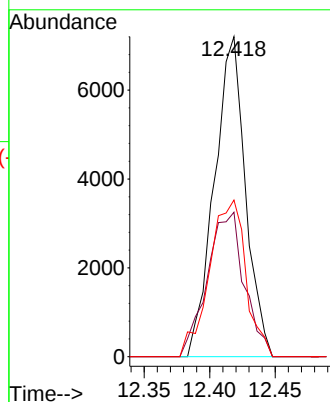
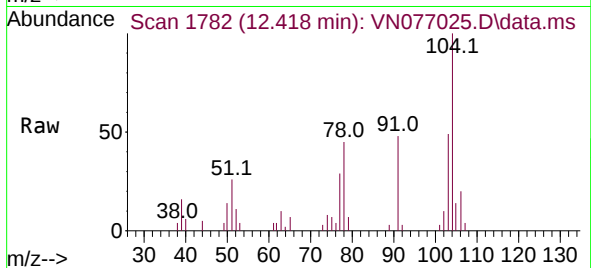
103 57.1 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#71

Bromoform

Concen: 1.000 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

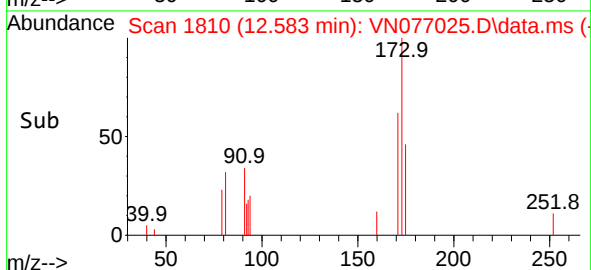
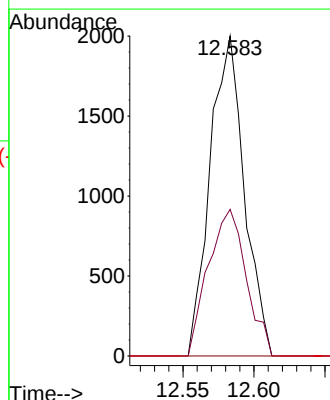
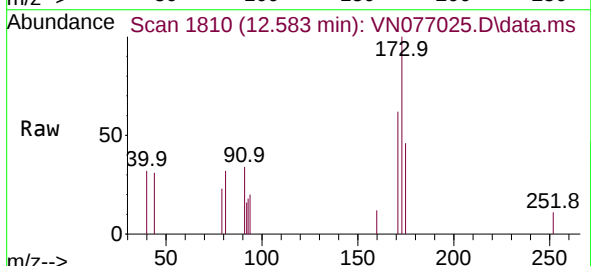
Tgt Ion:173 Resp: 3348

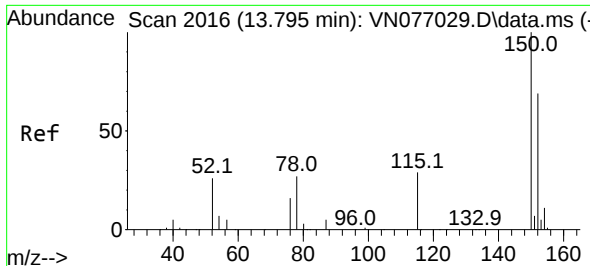
Ion Ratio Lower Upper

173 100

175 50.9 24.5 73.5

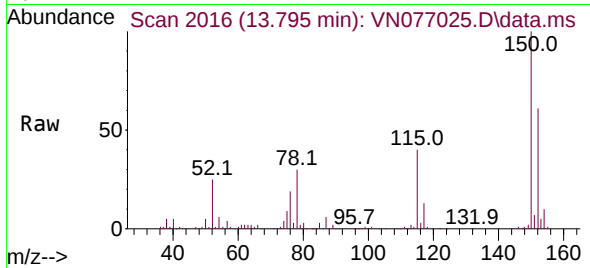
254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

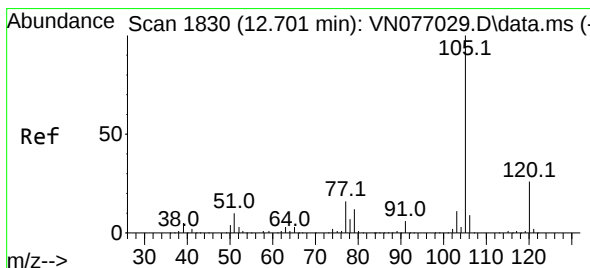
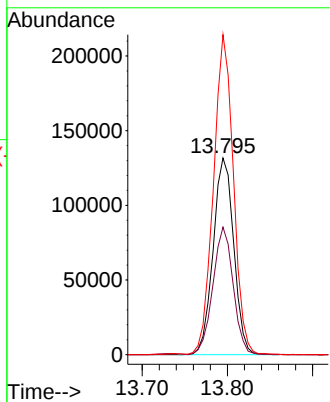
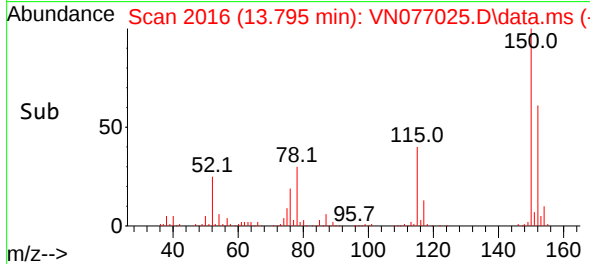
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



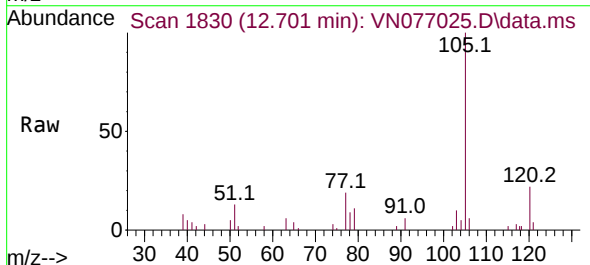
Tgt Ion:152 Resp: 220900
Ion Ratio Lower Upper
152 100
115 64.0 31.9 95.7
150 157.8 0.0 348.0

Manual Integrations
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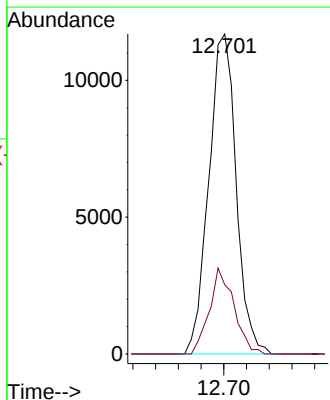
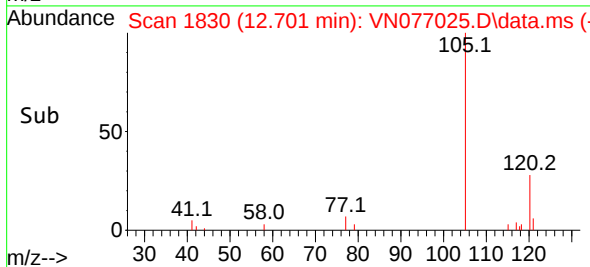
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

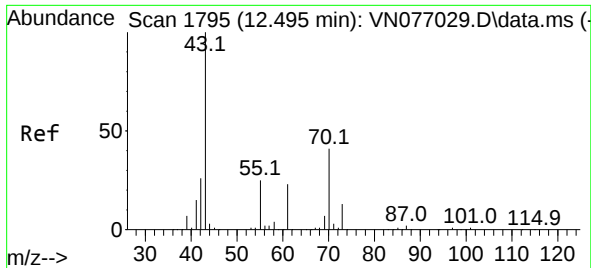


#73
Isopropylbenzene
Concen: 0.988 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25



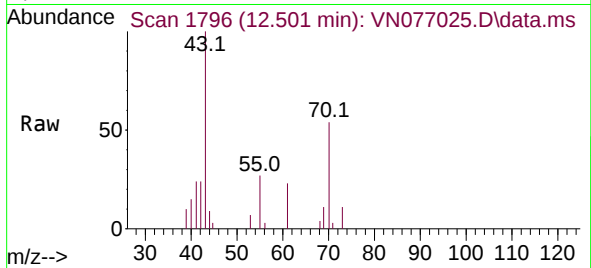
Tgt Ion:105 Resp: 19564
Ion Ratio Lower Upper
105 100
120 24.1 12.8 38.4





#74
N-amy1 acetate
Concen: 0.977 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

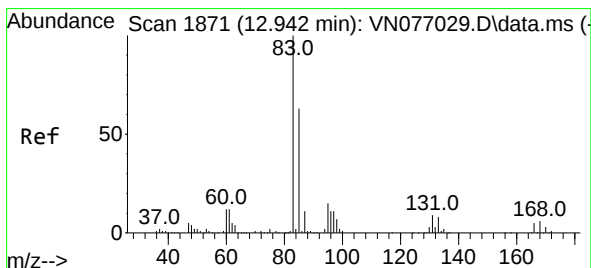
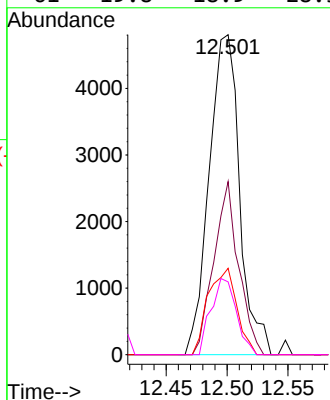
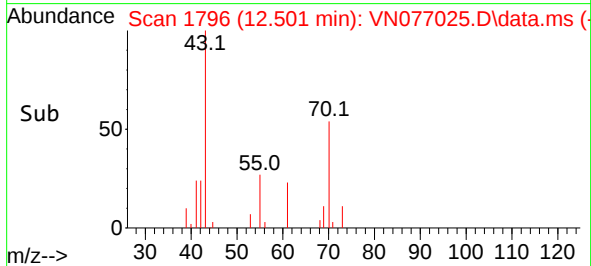
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



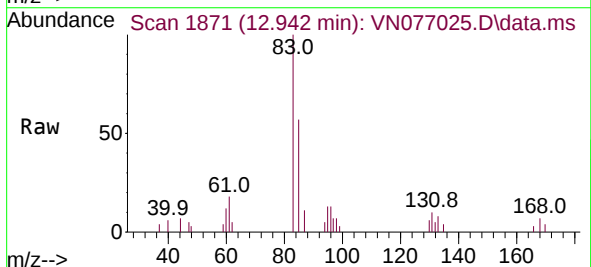
Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
70 44.0 33.6 50.4
55 25.4 20.3 30.5
61 19.8 18.9 28.3

Manual Integrations
APPROVED

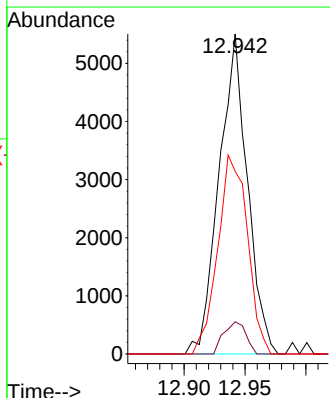
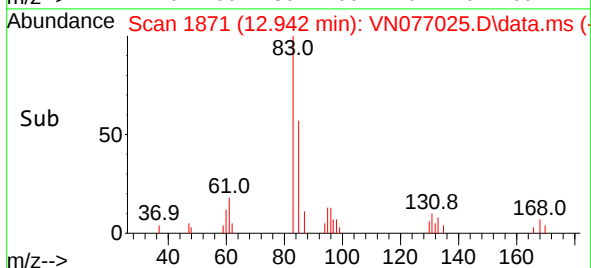
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

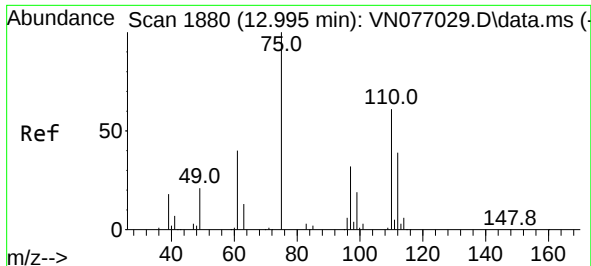


#75
1,1,2,2-Tetrachloroethane
Concen: 1.242 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25



Tgt Ion: 83 Resp: 8908
Ion Ratio Lower Upper
83 100
131 7.8 4.5 13.7
85 65.2 31.9 95.9





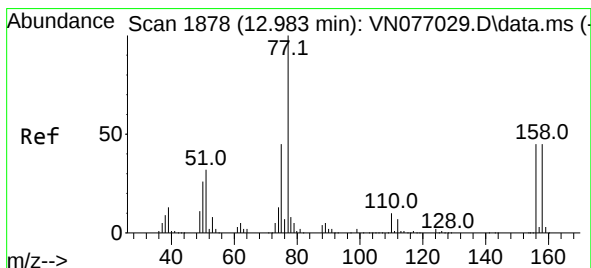
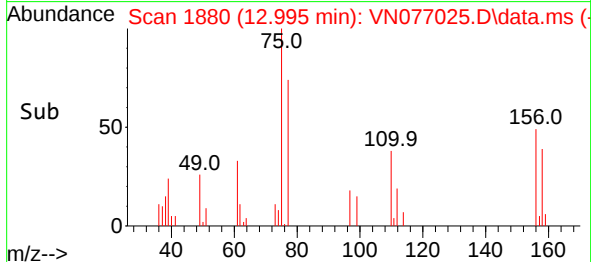
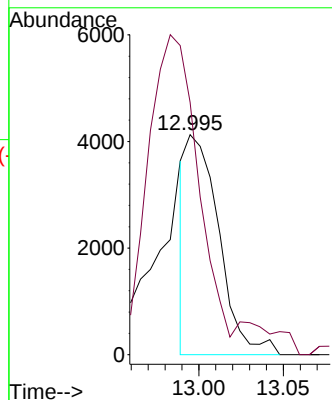
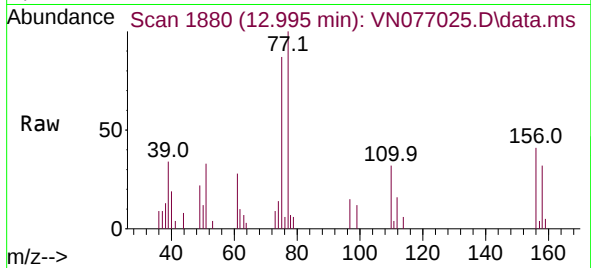
#76
1,2,3-Trichloropropane
Concen: 0.967 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 5520
Ion Ratio Lower Upper
75 100
77 236.6 107.3 322.0

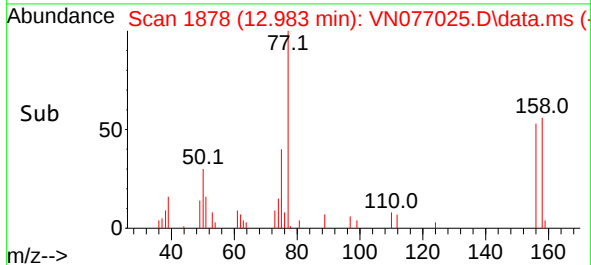
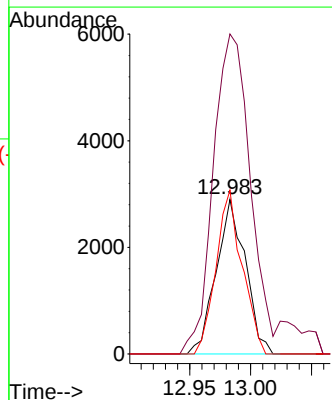
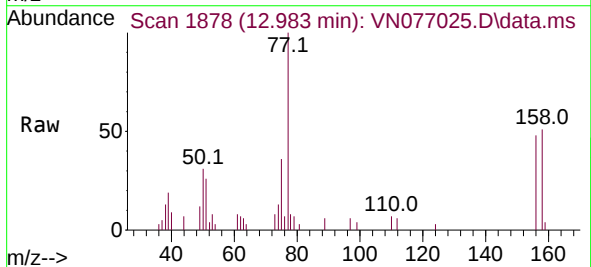
Manual Integrations
APPROVED

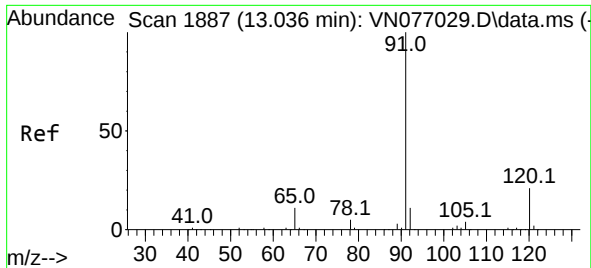
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#77
Bromobenzene
Concen: 1.090 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:156 Resp: 4835
Ion Ratio Lower Upper
156 100
77 270.4 124.8 374.3
158 95.1 48.6 145.9





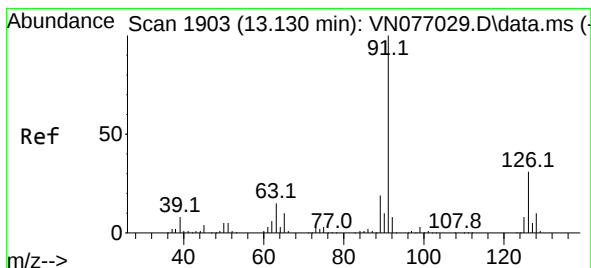
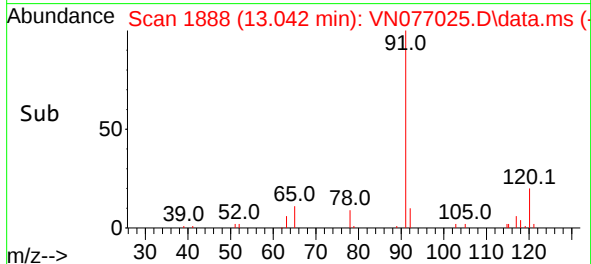
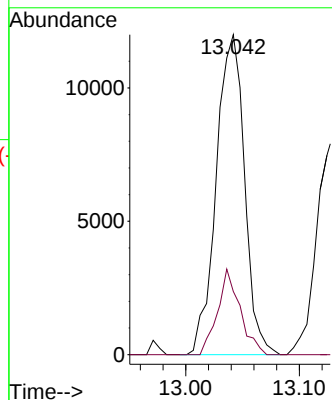
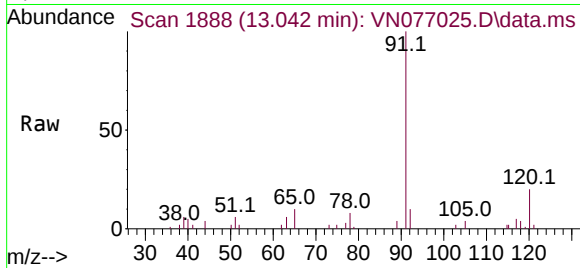
#78
n-propylbenzene
Concen: 0.910 ug/l
RT: 13.042 min Scan# 1887
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 20780
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.3

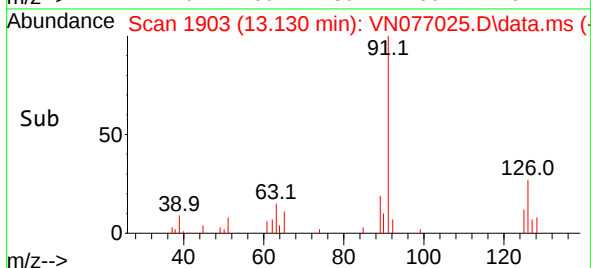
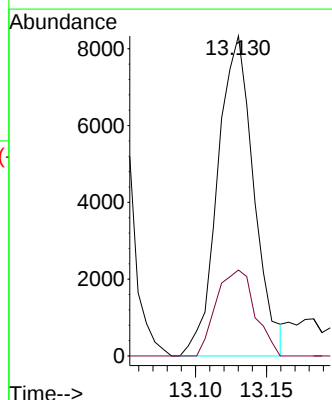
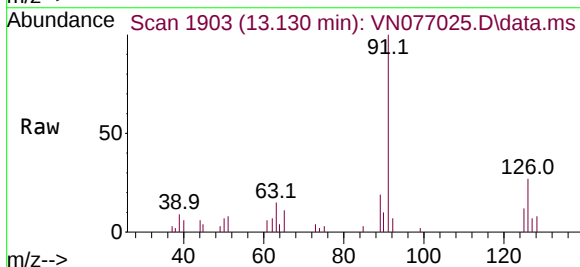
Manual Integrations
APPROVED

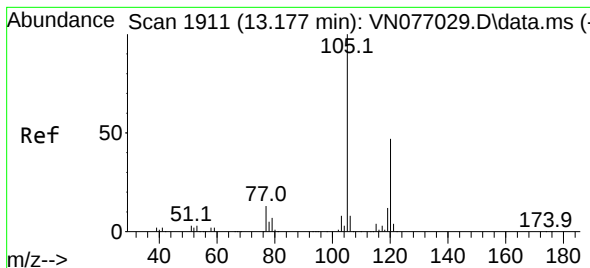
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#79
2-Chlorotoluene
Concen: 1.014 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion: 91 Resp: 14759
Ion Ratio Lower Upper
91 100
126 28.7 15.2 45.5





#80

1,3,5-Trimethylbenzene

Concen: 0.881 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 1455

Ion Ratio Lower Upper

105 100

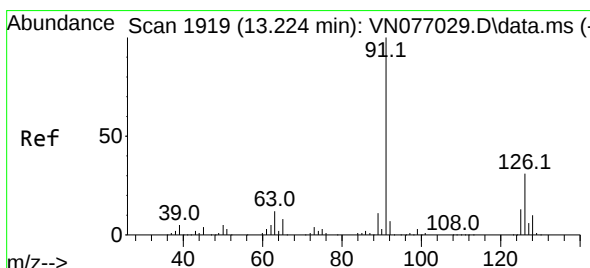
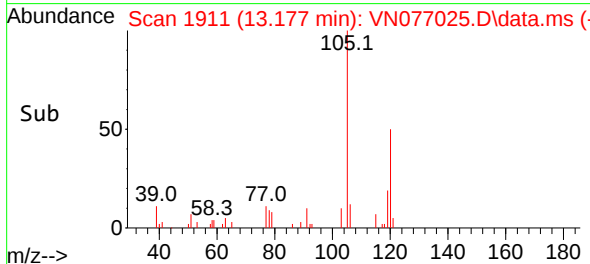
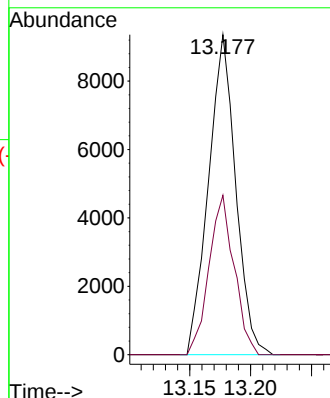
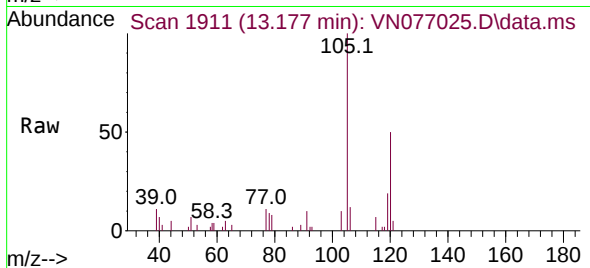
120 45.9 23.4 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#82

4-Chlorotoluene

Concen: 0.988 ug/l

RT: 13.224 min Scan# 1919

Delta R.T. -0.000 min

Lab File: VN077025.D

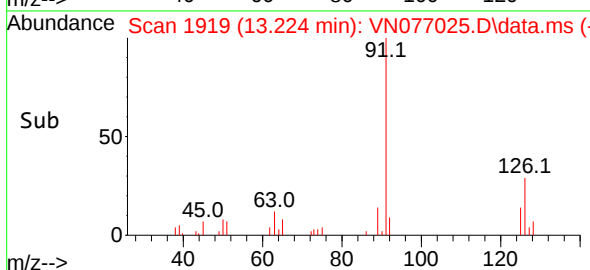
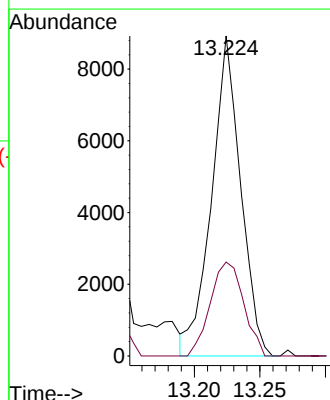
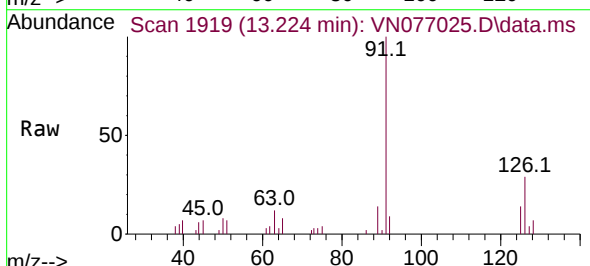
Acq: 17 Mar 2023 09:25

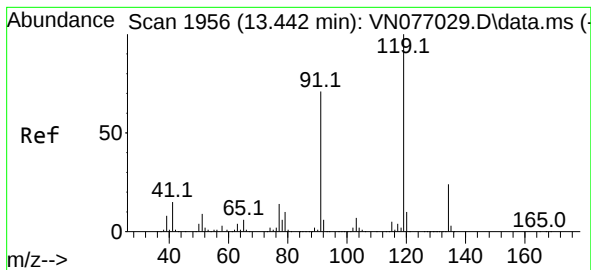
Tgt Ion: 91 Resp: 13685

Ion Ratio Lower Upper

91 100

126 33.8 15.5 46.5





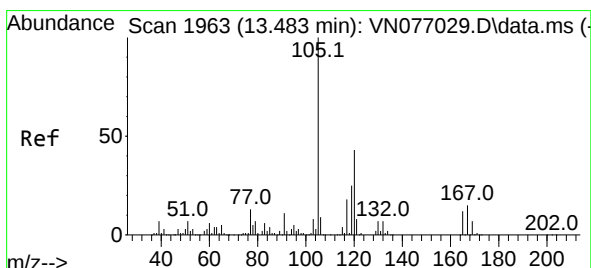
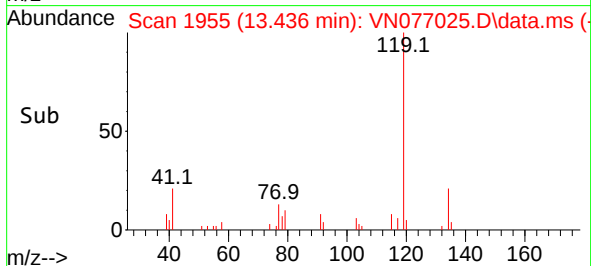
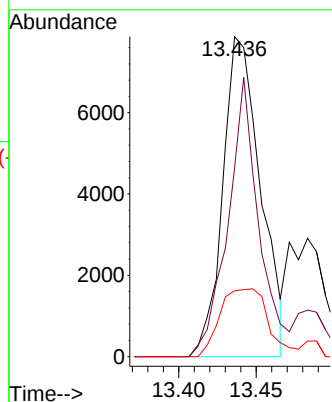
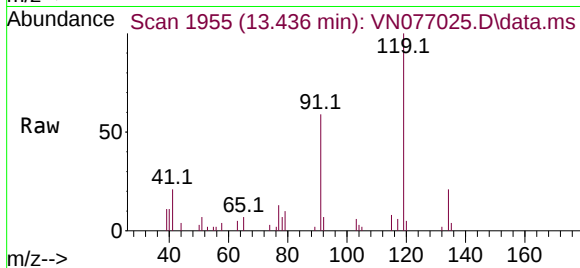
#83
tert-Butylbenzene
Concen: 0.959 ug/l
RT: 13.436 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 13310
Ion Ratio Lower Upper
119 100
91 71.5 35.8 107.3
134 27.2 13.3 39.8

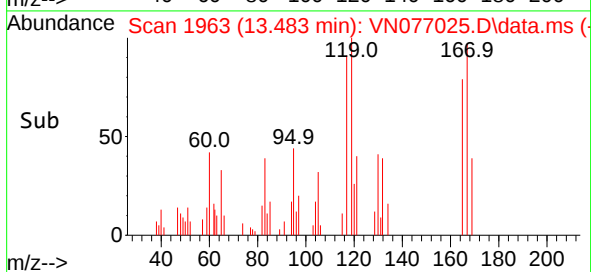
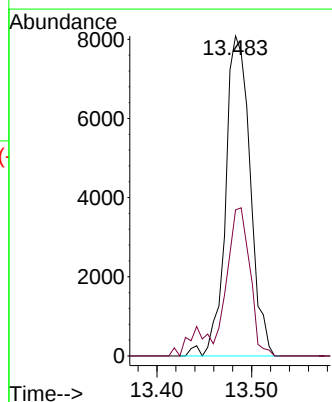
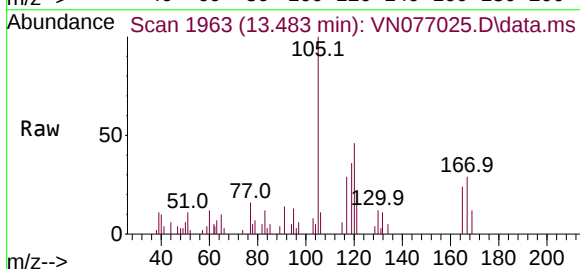
Manual Integrations
APPROVED

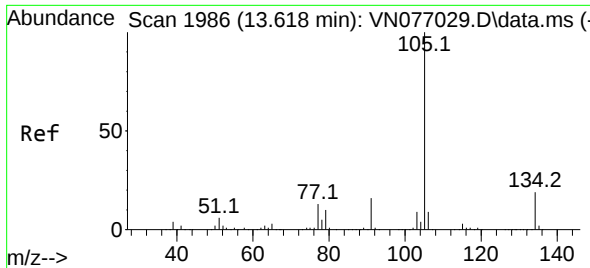
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 0.882 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:105 Resp: 14549
Ion Ratio Lower Upper
105 100
120 42.4 21.8 65.3





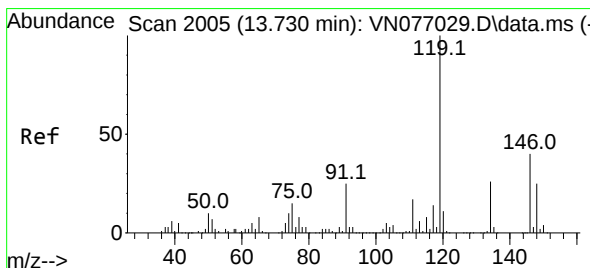
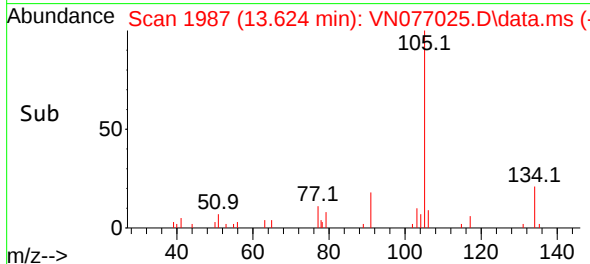
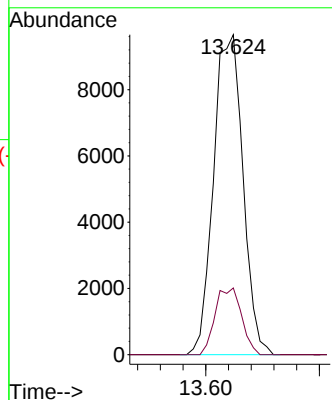
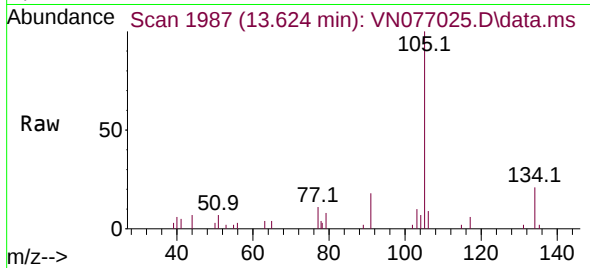
#85
 sec-Butylbenzene
 Concen: 0.877 ug/l
 RT: 13.624 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 1731
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.3 27.9

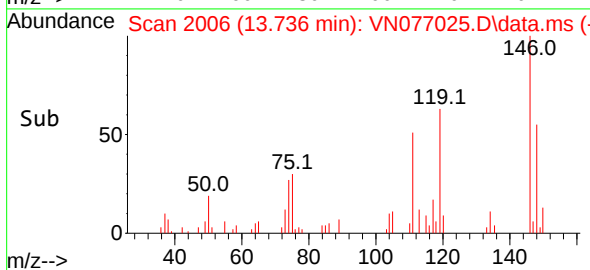
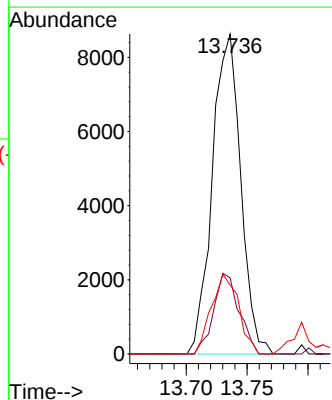
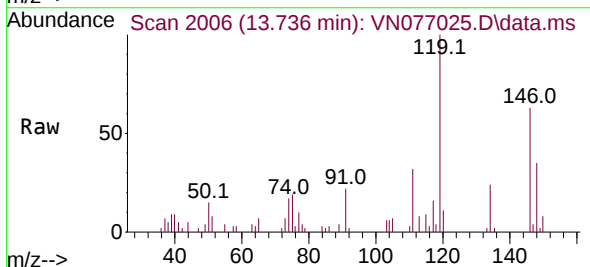
Manual Integrations
 APPROVED

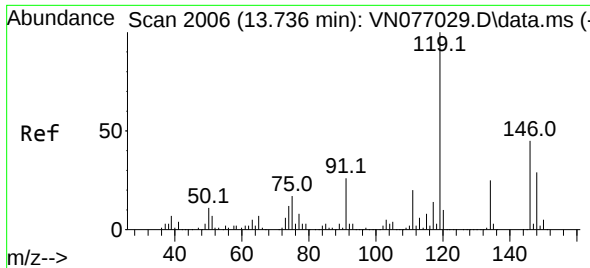
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#86
 p-Isopropyltoluene
 Concen: 0.882 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077025.D
 Acq: 17 Mar 2023 09:25

Tgt Ion:119 Resp: 13982
 Ion Ratio Lower Upper
 119 100
 134 22.6 12.8 38.4
 91 24.0 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 1.160 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

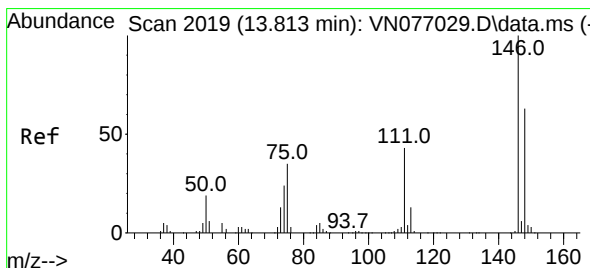
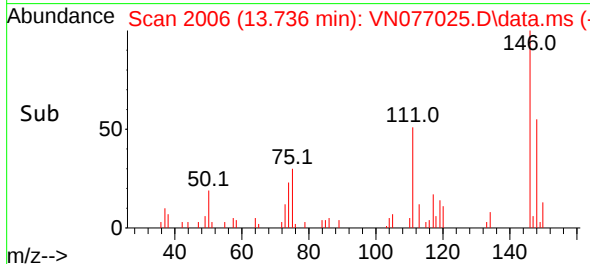
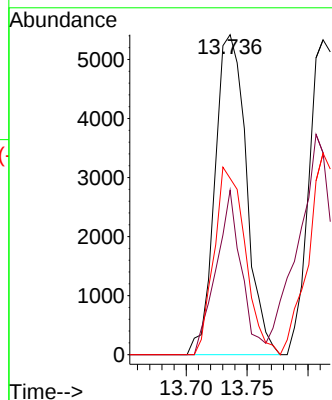
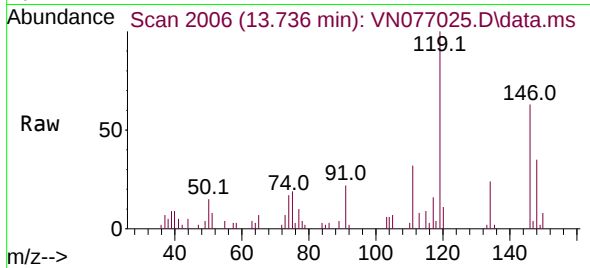
VSTDICC001

Tgt Ion:146 Resp: 972
Ion Ratio Lower Upper
146 100
111 41.6 21.9 65.5
148 57.9 32.1 96.5

Manual Integrations

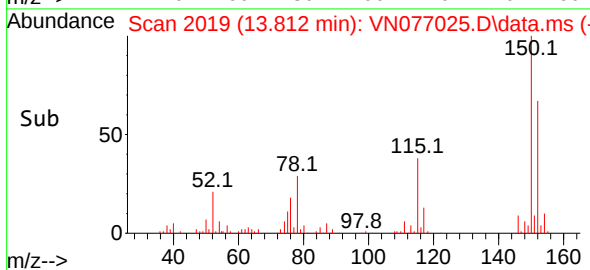
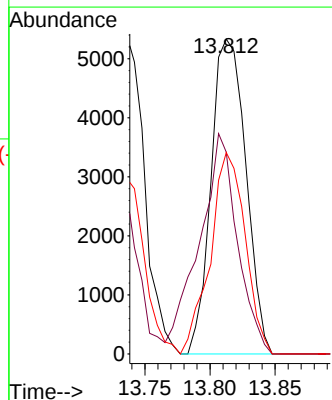
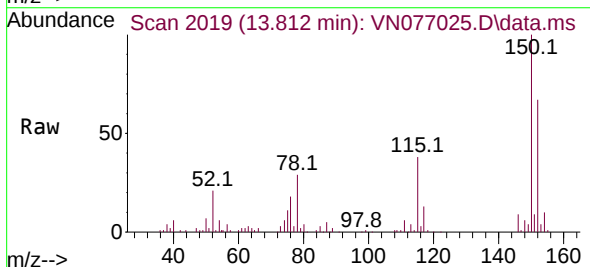
APPROVED

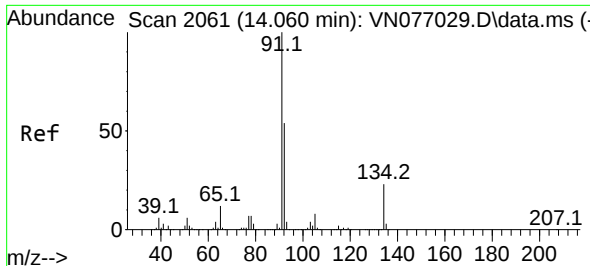
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#88
1,4-Dichlorobenzene
Concen: 1.189 ug/l m
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:146 Resp: 9914
Ion Ratio Lower Upper
146 100
111 40.8 21.5 64.5
148 56.8 31.9 95.9





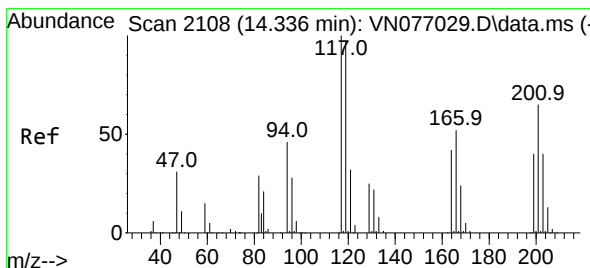
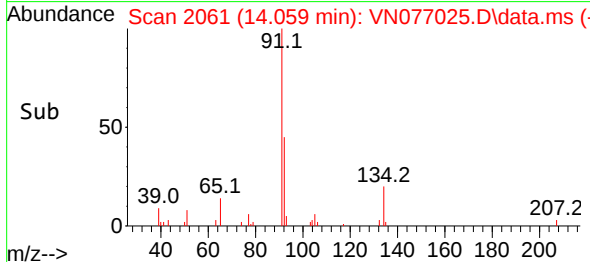
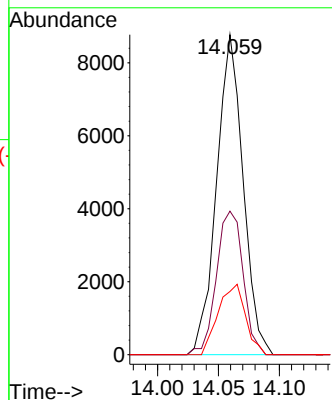
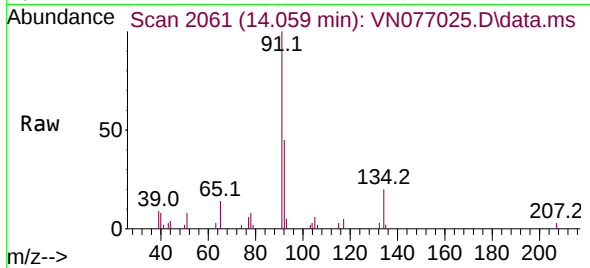
#89
n-Butylbenzene
Concen: 0.957 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 13304
Ion Ratio Lower Upper
91 100
92 45.1 26.5 79.5
134 22.6 11.7 35.1

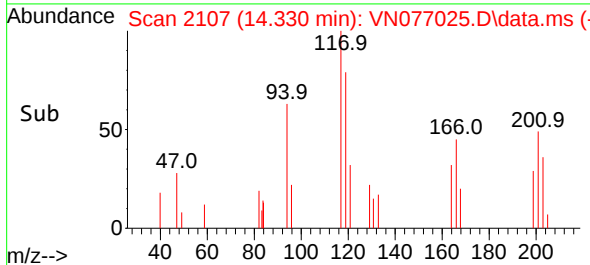
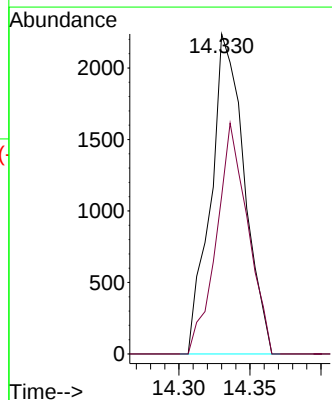
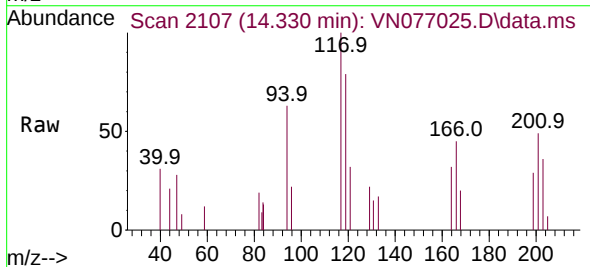
Manual Integrations
APPROVED

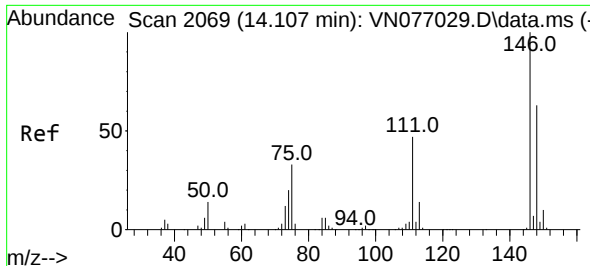
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#90
Hexachloroethane
Concen: 1.144 ug/l
RT: 14.330 min Scan# 2107
Delta R.T. -0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

Tgt Ion:117 Resp: 3688
Ion Ratio Lower Upper
117 100
201 67.2 32.5 97.4





#91

1,2-Dichlorobenzene

Concen: 1.142 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

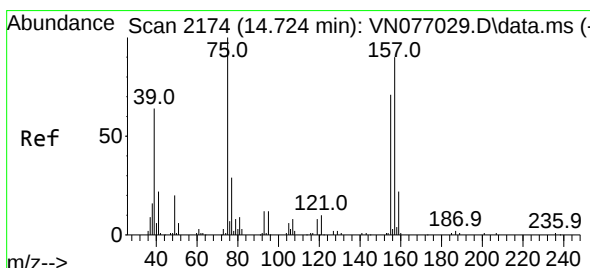
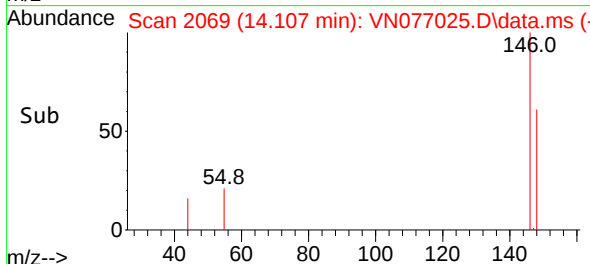
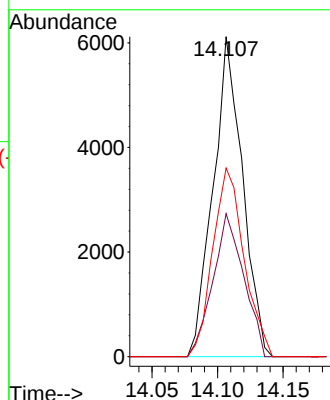
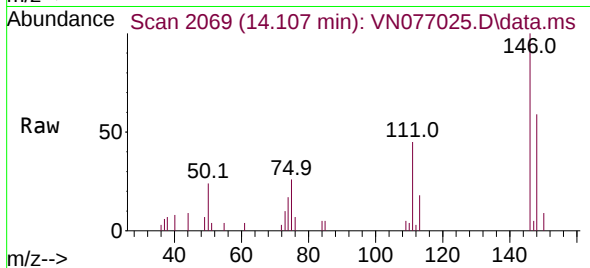
Tgt Ion:146	Resp:	9540
Ion Ratio	Lower	Upper
146	100	
111	46.8	22.6 67.7
148	62.8	31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.145 ug/l

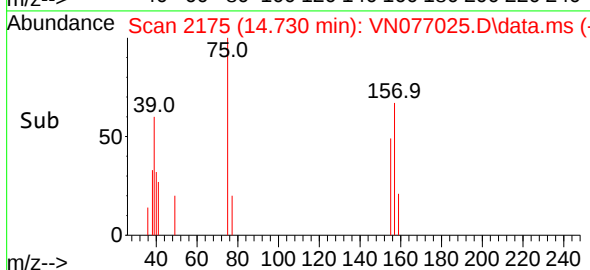
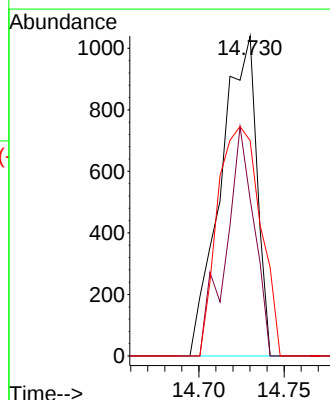
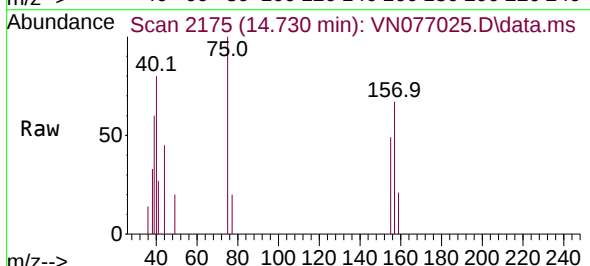
RT: 14.730 min Scan# 2175

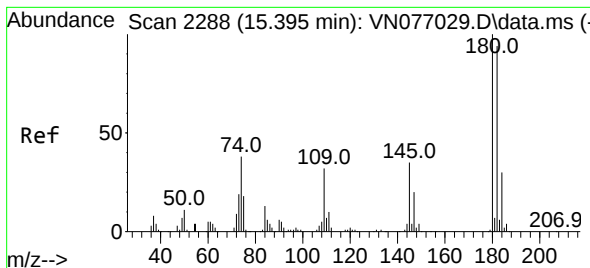
Delta R.T. 0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Tgt Ion: 75	Resp:	1521
Ion Ratio	Lower	Upper
75	100	
155	56.4	36.1 108.3
157	85.5	45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 0.974 ug/l

RT: 15.401 min Scan# 2288

Delta R.T. 0.006 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

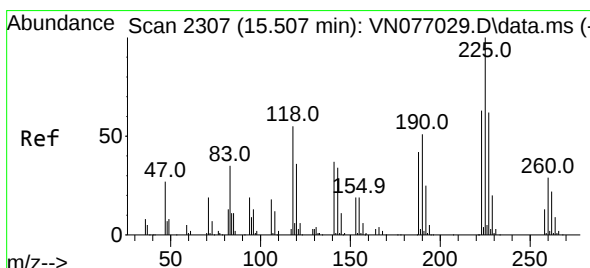
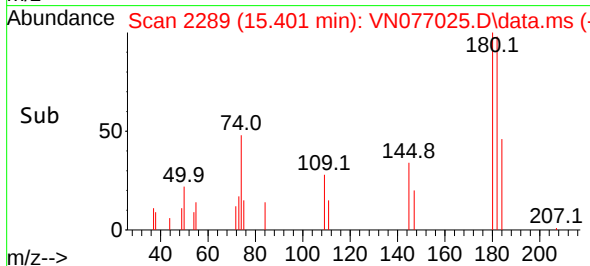
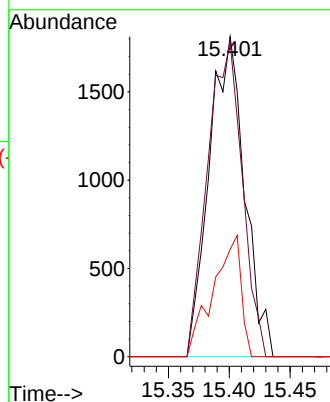
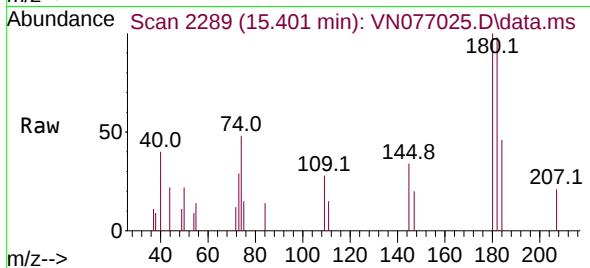
Tgt Ion:180	Resp:	3680
Ion Ratio	Lower	Upper
180	100	
182	95.9	47.3 141.9
145	30.0	16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#94

Hexachlorobutadiene

Concen: 1.116 ug/l

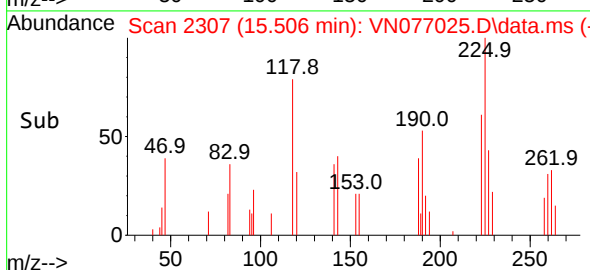
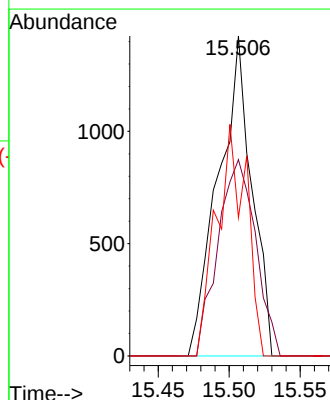
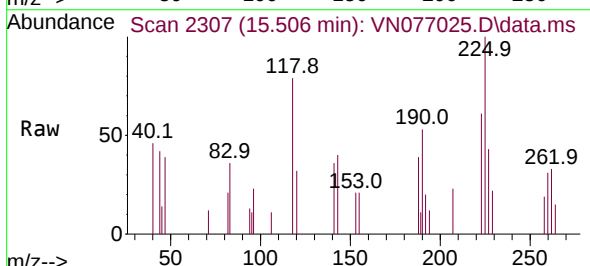
RT: 15.506 min Scan# 2307

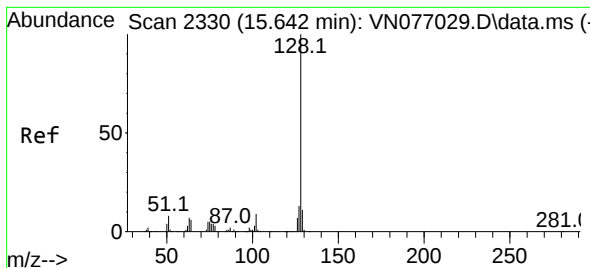
Delta R.T. -0.000 min

Lab File: VN077025.D

Acq: 17 Mar 2023 09:25

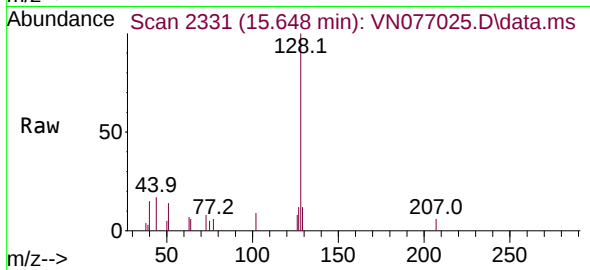
Tgt Ion:225	Resp:	2321
Ion Ratio	Lower	Upper
225	100	
223	69.5	31.6 95.0
227	65.1	31.3 93.8





#95
Naphthalene
Concen: 2.524 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25

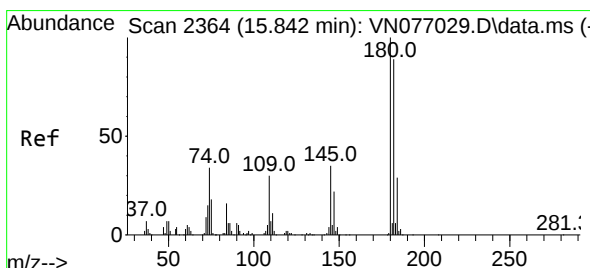
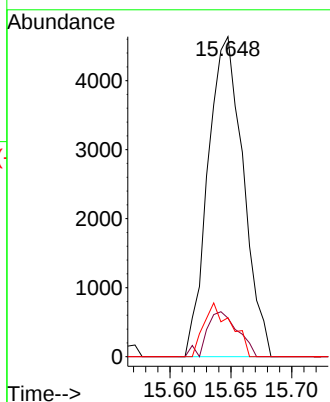
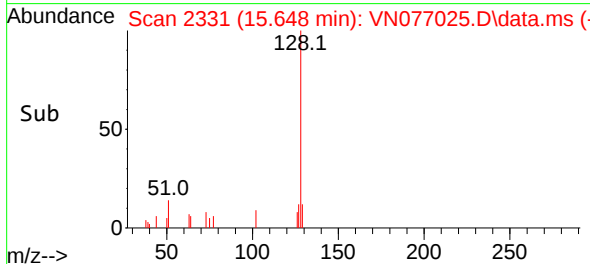
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



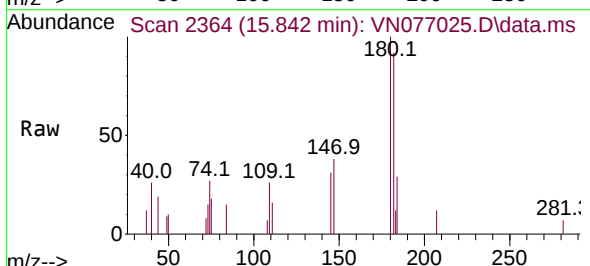
Tgt Ion:128 Resp: 933
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 13.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 1.044 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077025.D
Acq: 17 Mar 2023 09:25



Tgt Ion:180 Resp: 3958
Ion Ratio Lower Upper
180 100
182 96.8 47.4 142.2
145 31.0 17.9 53.8

