

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075360.D
 Acq On : 22 Nov 2022 12:09
 Operator : JC\MD
 Sample : VN1122MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 07:05:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	148682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42105	52.756	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.520%			
35) Dibromofluoromethane	8.171	113	49995	51.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	10.565	98	115684	52.804	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.600%			
62) 4-Bromofluorobenzene	12.847	95	86292	53.363	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22300	19.615	ug/l	97
3) Chloromethane	2.371	50	25554	18.064	ug/l	98
4) Vinyl Chloride	2.524	62	33888	19.007	ug/l	99
5) Bromomethane	2.930	94	29941	19.097	ug/l	97
6) Chloroethane	3.112	64	25408	18.808	ug/l #	81
7) Trichlorofluoromethane	3.501	101	48380	18.995	ug/l	96
8) Diethyl Ether	3.971	74	18394	20.605	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	28476	20.252	ug/l	95
10) Methyl Iodide	4.601	142	43467	19.078	ug/l	98
11) Tert butyl alcohol	5.536	59	33745	100.721	ug/l #	86
12) 1,1-Dichloroethene	4.348	96	26642	19.350	ug/l	82
13) Acrolein	4.195	56	30207	103.495	ug/l	99
14) Allyl chloride	5.036	41	36446	20.464	ug/l	94
15) Acrylonitrile	5.724	53	78749	102.449	ug/l	98
16) Acetone	4.442	43	68713	92.302	ug/l	96
17) Carbon Disulfide	4.718	76	66249	18.514	ug/l	100
18) Methyl Acetate	5.036	43	39016	20.013	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	96492	19.783	ug/l	97
20) Methylene Chloride	5.289	84	30491	19.416	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	29710	18.934	ug/l	96
22) Diisopropyl ether	6.683	45	82107	20.202	ug/l	97
23) Vinyl Acetate	6.612	43	290418	89.819	ug/l	98
24) 1,1-Dichloroethane	6.577	63	52957	20.300	ug/l	98
25) 2-Butanone	7.489	43	99809	96.032	ug/l	98
26) 2,2-Dichloropropane	7.494	77	45623	18.817	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	35208	19.843	ug/l	93
28) Bromochloromethane	7.818	49	21727	20.518	ug/l	88
29) Tetrahydrofuran	7.841	42	65655	103.854	ug/l	99
30) Chloroform	7.971	83	57082	19.054	ug/l	99
31) Cyclohexane	8.259	56	47649	18.791	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	52867	19.436	ug/l	90
36) 1,1-Dichloropropene	8.371	75	40695	19.184	ug/l	96
37) Ethyl Acetate	7.565	43	42013	21.996	ug/l	99
38) Carbon Tetrachloride	8.365	117	47167	20.241	ug/l	95
39) Methylcyclohexane	9.600	83	54408	20.494	ug/l	97
40) Benzene	8.612	78	126905	19.540	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	20732	21.231	ug/l	96
42) 1,2-Dichloroethane	8.671	62	44498	20.457	ug/l	96
43) Isopropyl Acetate	8.688	43	64190	20.937	ug/l	100
44) Trichloroethene	9.353	130	35010	19.701	ug/l	95
45) 1,2-Dichloropropane	9.624	63	30419	19.654	ug/l	97
46) Dibromomethane	9.712	93	23263	19.872	ug/l	91
47) Bromodichloromethane	9.888	83	44924	19.816	ug/l	94
48) Methyl methacrylate	9.683	41	28608	20.180	ug/l	97
49) 1,4-Dioxane	9.700	88	16907	420.000	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	201151	103.011	ug/l	97
52) Toluene	10.630	92	82727	19.766	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	46453	20.411	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	50036	20.242	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	33985	19.937	ug/l	92
56) Ethyl methacrylate	10.877	69	47266	20.532	ug/l	99
57) 1,3-Dichloropropane	11.165	76	55400	19.932	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	85666	103.181	ug/l	96
59) 2-Hexanone	11.194	43	149186	101.743	ug/l	97
60) Dibromochloromethane	11.359	129	35459	20.266	ug/l	100
61) 1,2-Dibromoethane	11.471	107	34581	19.545	ug/l	99
64) Tetrachloroethene	11.106	164	32810	19.185	ug/l	87
65) Chlorobenzene	11.894	112	90797	19.632	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	33839	19.604	ug/l	99
67) Ethyl Benzene	11.965	91	157646	19.979	ug/l	97
68) m/p-Xylenes	12.071	106	130057	40.589	ug/l	99
69) o-Xylene	12.400	106	62438	19.612	ug/l	100
70) Styrene	12.412	104	102878	20.485	ug/l	97
71) Bromoform	12.576	173	26240	19.974	ug/l #	98
73) Isopropylbenzene	12.694	105	164577	19.402	ug/l	99
74) N-amyl acetate	12.494	43	52633	20.183	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	51425	19.885	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	43215m	19.686	ug/l	
77) Bromobenzene	12.982	156	40650	19.411	ug/l	85
78) n-propylbenzene	13.035	91	187041	19.758	ug/l	99
79) 2-Chlorotoluene	13.129	91	111890	19.617	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	141504	20.079	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	14362	19.358	ug/l	99
82) 4-Chlorotoluene	13.129	91	111890	19.617	ug/l	97
83) tert-Butylbenzene	13.441	119	121690	18.939	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	141851	20.067	ug/l	99
85) sec-Butylbenzene	13.618	105	173666	19.919	ug/l	99
86) p-Isopropyltoluene	13.729	119	146773	20.009	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	77427	19.514	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	76667	19.022	ug/l	100
89) n-Butylbenzene	14.059	91	122899	19.837	ug/l	98
90) Hexachloroethane	14.335	117	24578	19.423	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	77358	20.002	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9735	19.872	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	37326	18.833	ug/l	98
94) Hexachlorobutadiene	15.506	225	19697	19.079	ug/l	98
95) Naphthalene	15.641	128	124087	19.901	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36976	18.982	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

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

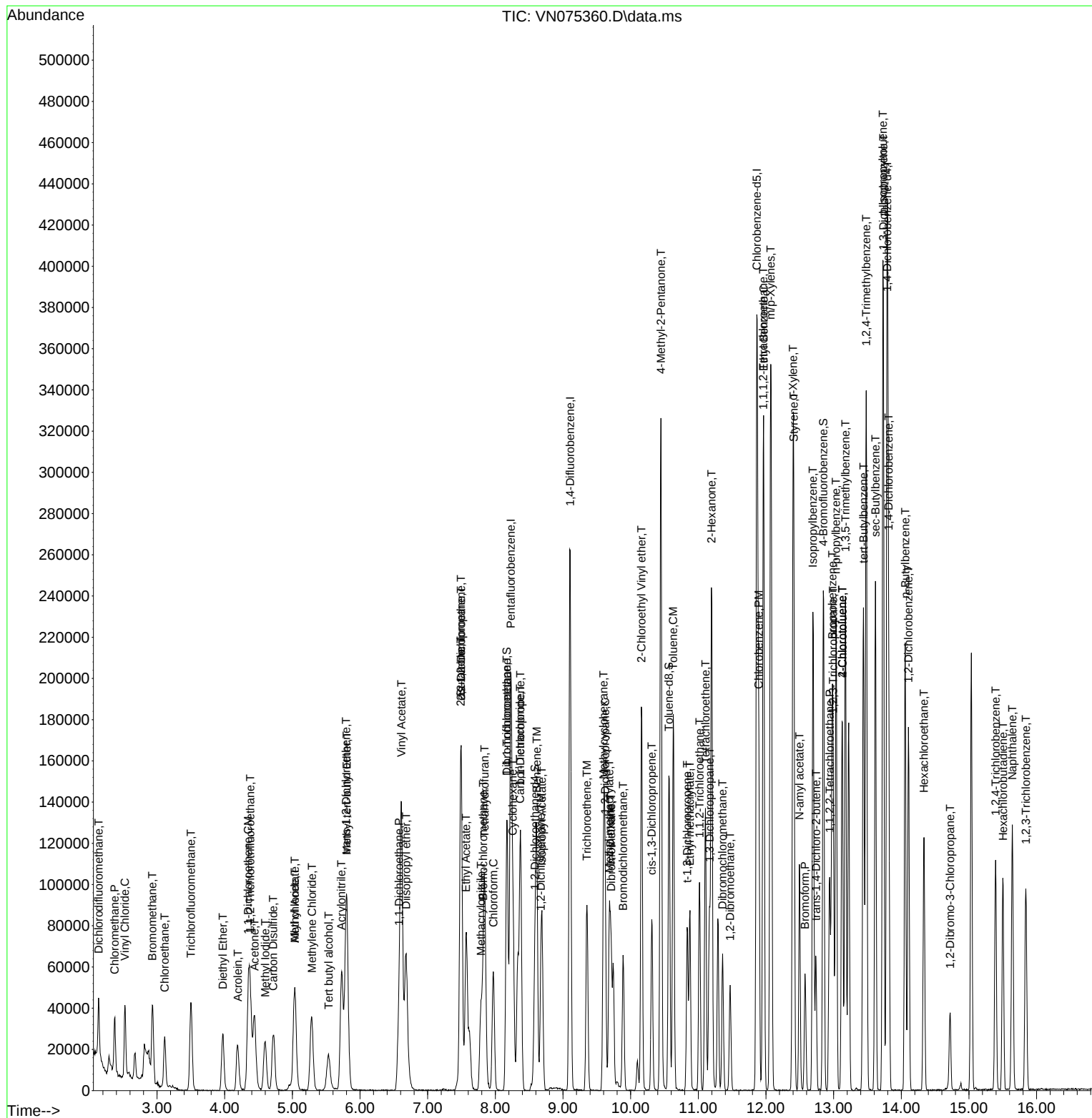
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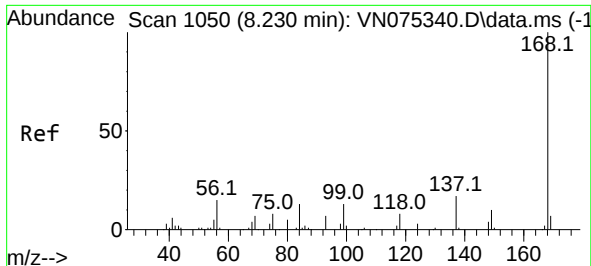
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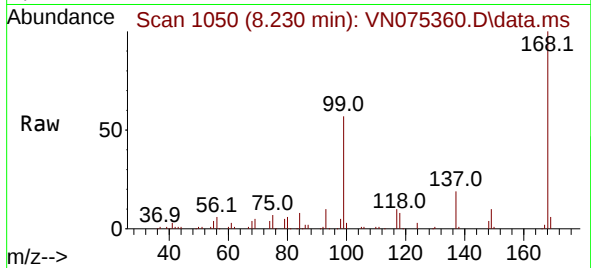
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

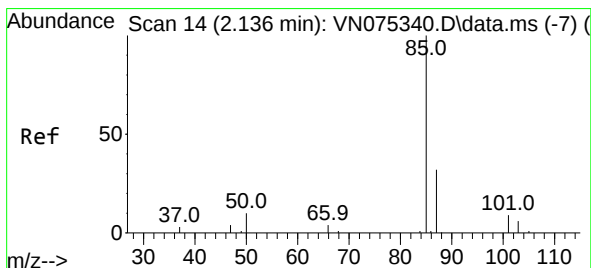
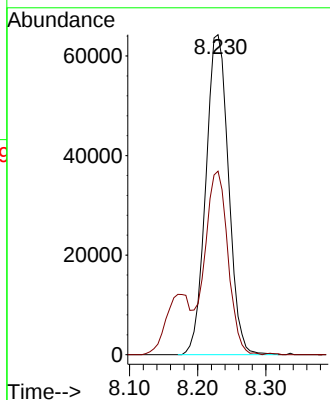
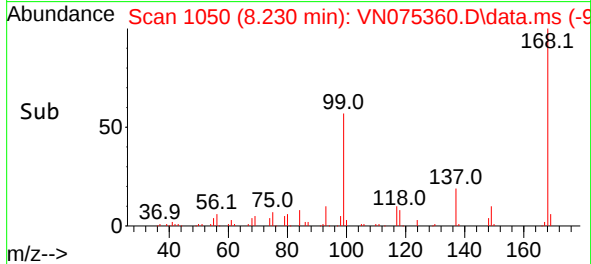
Instrument :
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ClientSampleId :
VN1122MBS01



Tgt Ion:168 Resp: 14868
Ion Ratio Lower Upper
168 100
99 57.0 51.6 77.4

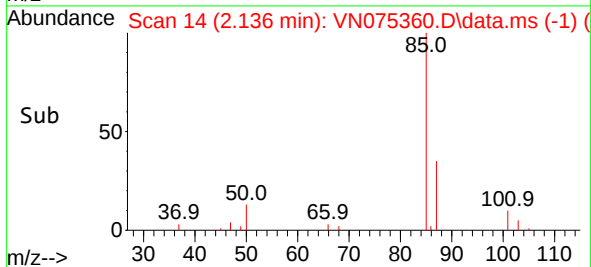
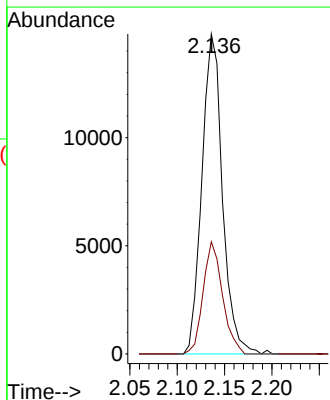
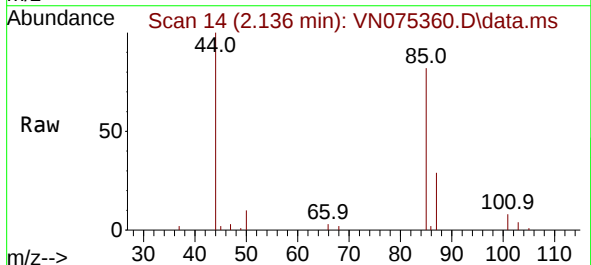
Manual Integrations
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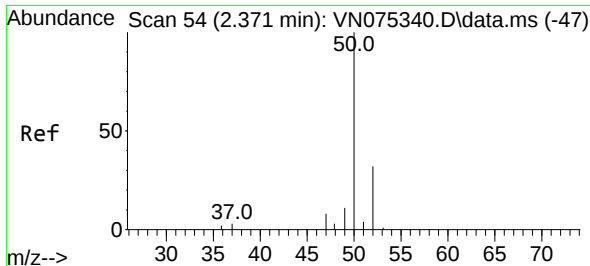
Reviewed By :John Carlone 11/23/2022
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#2
Dichlorodifluoromethane
Concen: 19.615 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion: 85 Resp: 22300
Ion Ratio Lower Upper
85 100
87 35.1 16.7 50.0





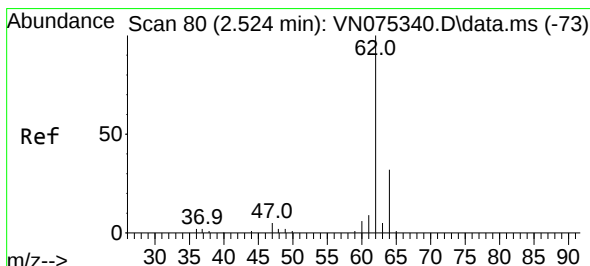
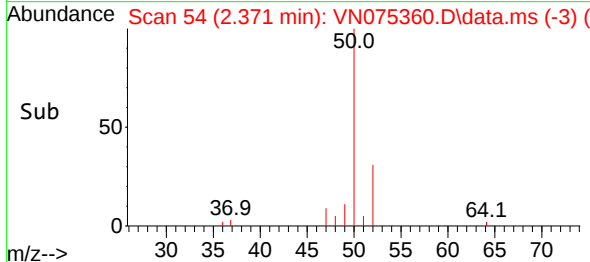
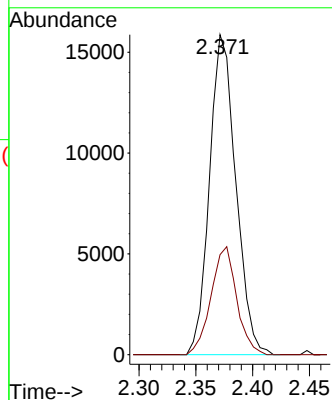
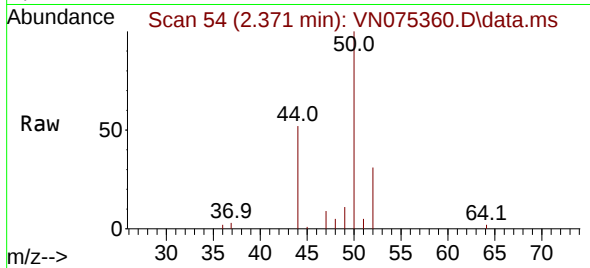
#3
Chloromethane
Concen: 18.064 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

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Tgt Ion: 50 Resp: 25554
Ion Ratio Lower Upper
50 100
52 31.3 25.8 38.6

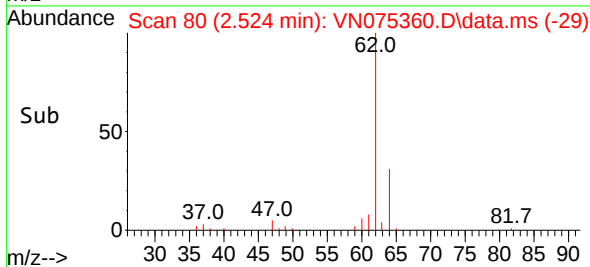
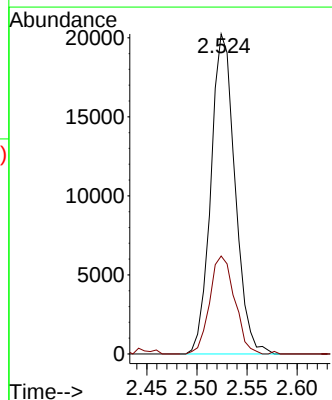
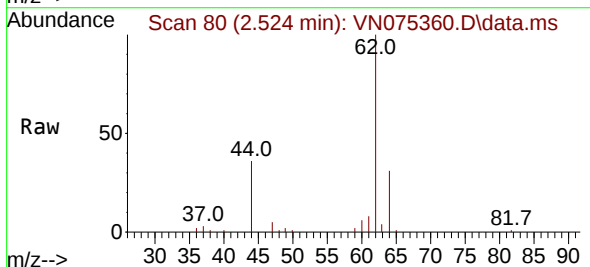
Manual Integrations
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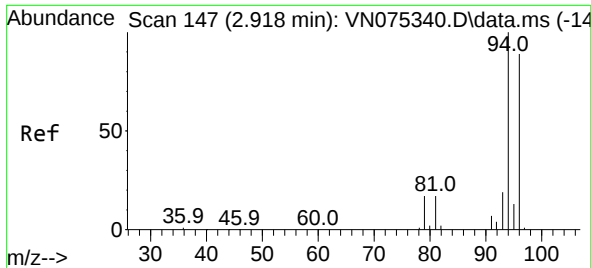
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#4
Vinyl Chloride
Concen: 19.007 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion: 62 Resp: 33888
Ion Ratio Lower Upper
62 100
64 30.6 24.0 36.0





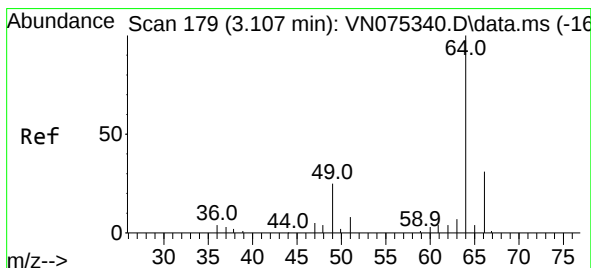
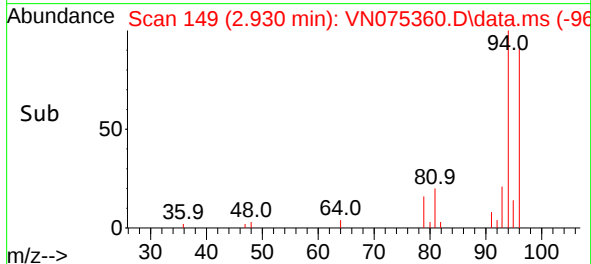
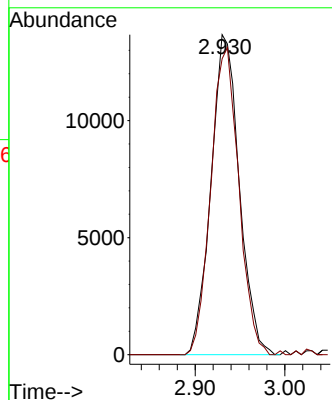
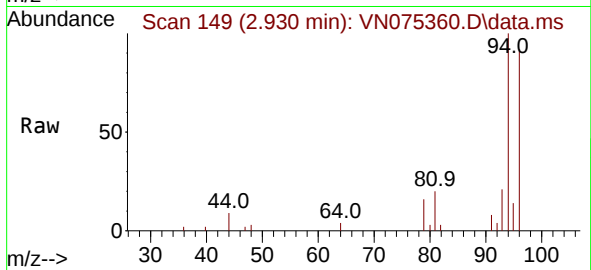
#5
Bromomethane
Concen: 19.097 ug/l
RT: 2.930 min Scan# 147
Delta R.T. 0.012 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
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Tgt Ion: 94 Resp: 2994
Ion Ratio Lower Upper
94 100
96 92.5 71.8 107.6

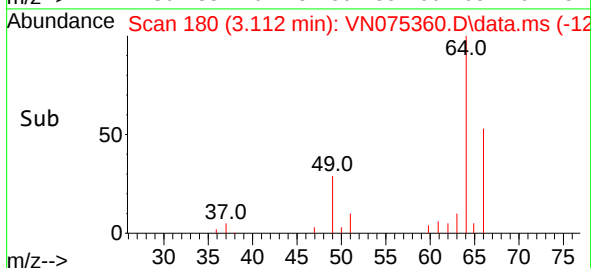
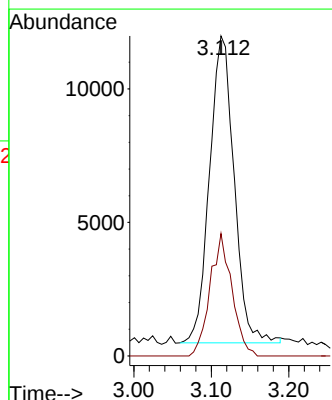
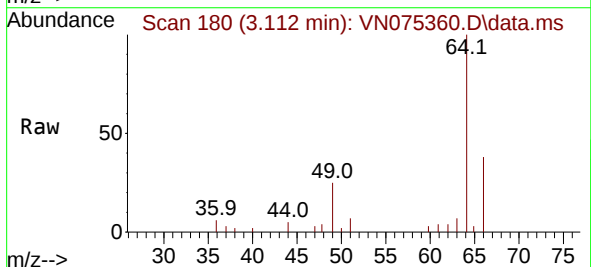
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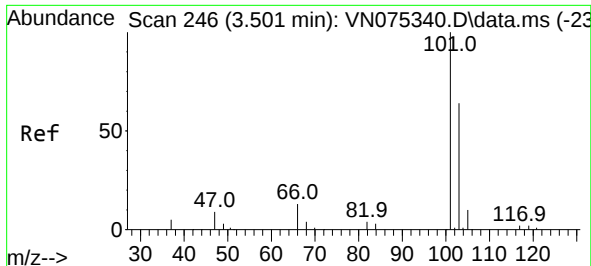
Reviewed By :John Carlone 11/23/2022
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#6
Chloroethane
Concen: 18.808 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

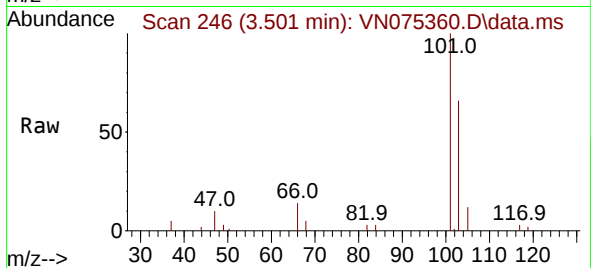
Tgt Ion: 64 Resp: 25408
Ion Ratio Lower Upper
64 100
66 39.9 23.8 35.8#





#7
Trichlorofluoromethane
Concen: 18.995 ug/l
RT: 3.501 min Scan# 246
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

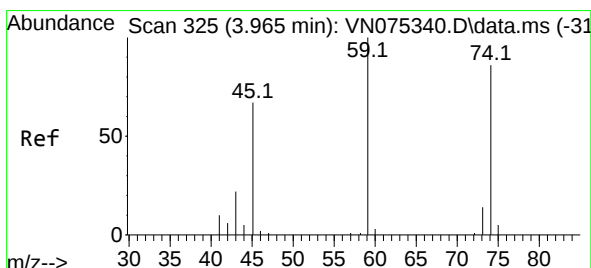
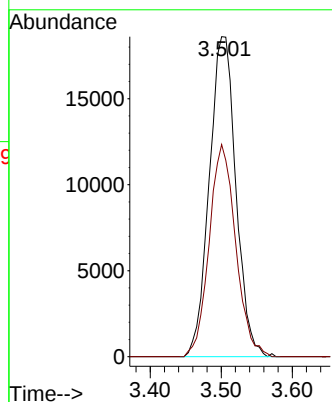
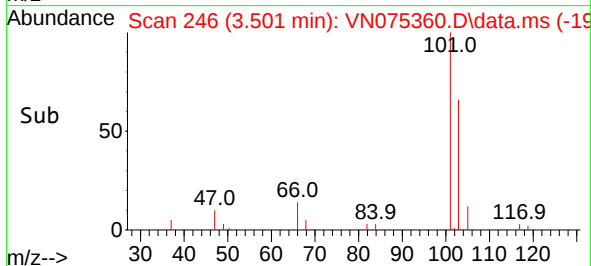
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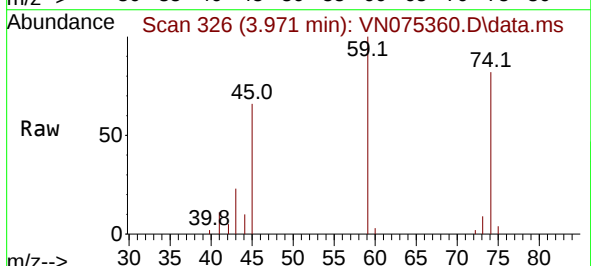
Tgt Ion:101 Resp: 48380
Ion Ratio Lower Upper
101 100
103 66.3 50.5 75.7

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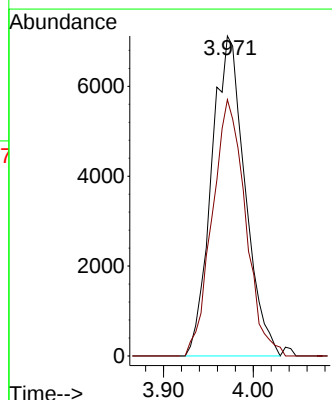
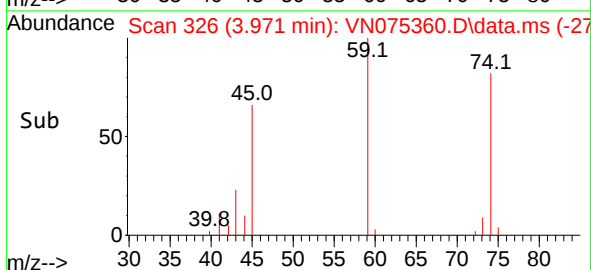
Reviewed By :John Carlone 11/23/2022
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#8
Diethyl Ether
Concen: 20.605 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09



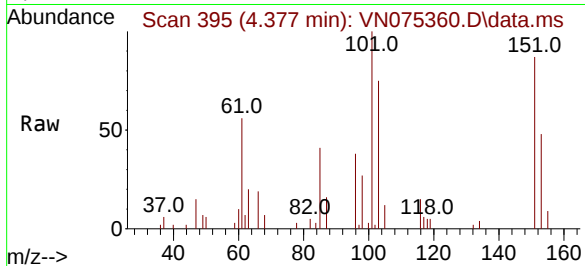
Tgt Ion: 74 Resp: 18394
Ion Ratio Lower Upper
74 100
45 79.6 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.252 ug/l
RT: 4.377 min Scan# 395
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

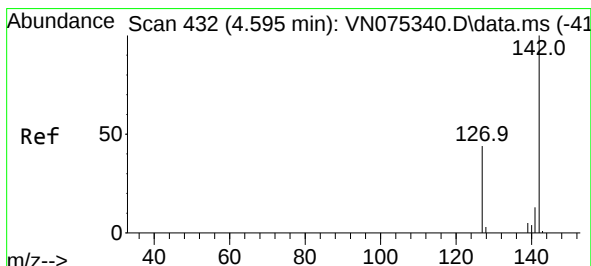
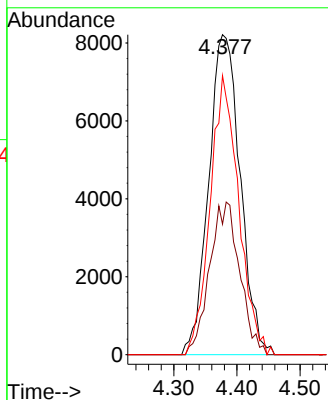
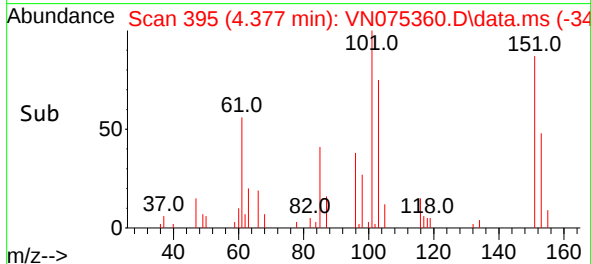
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



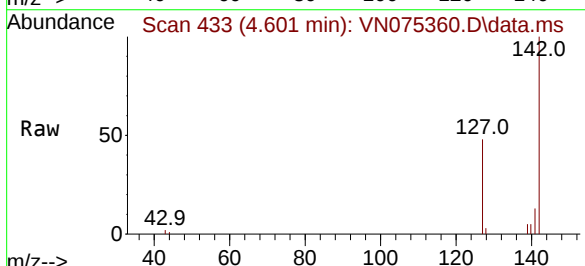
Tgt Ion:101 Resp: 28470
Ion Ratio Lower Upper
101 100
85 45.5 37.6 56.4
151 79.0 58.3 87.5

Manual Integrations
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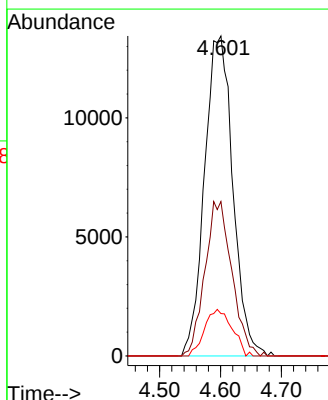
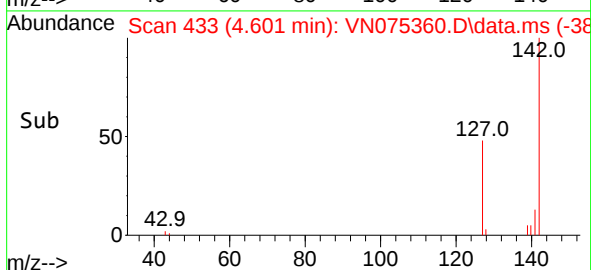
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#10
Methyl Iodide
Concen: 19.078 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09



Tgt Ion:142 Resp: 43467
Ion Ratio Lower Upper
142 100
127 46.0 38.0 57.0
141 14.2 12.2 18.4





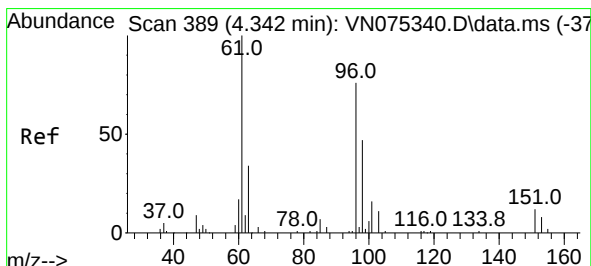
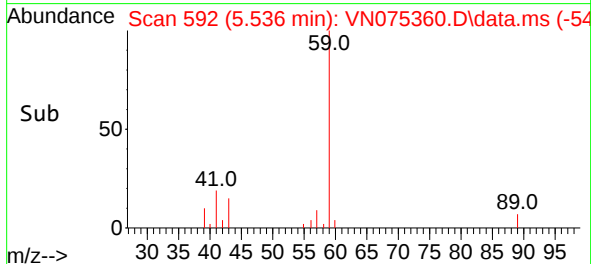
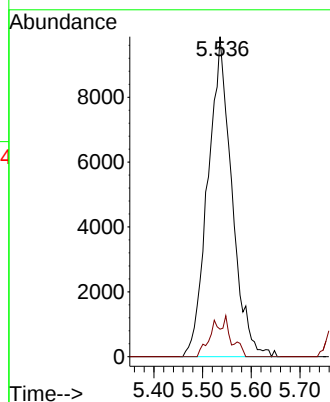
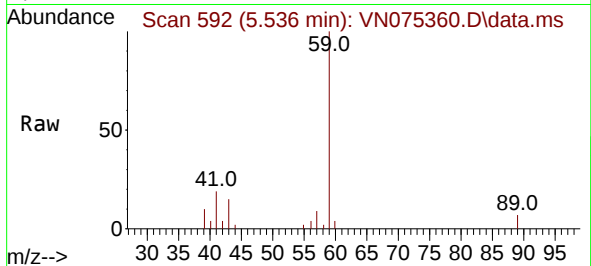
#11
Tert butyl alcohol
Concen: 100.721 ug/l
RT: 5.536 min Scan# 593
Delta R.T. -0.006 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 59 Resp: 33745
Ion Ratio Lower Upper
59 100
57 5.2 8.5 12.7

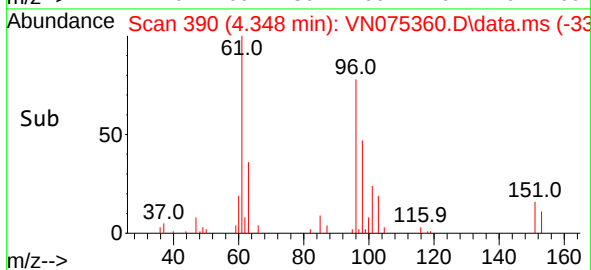
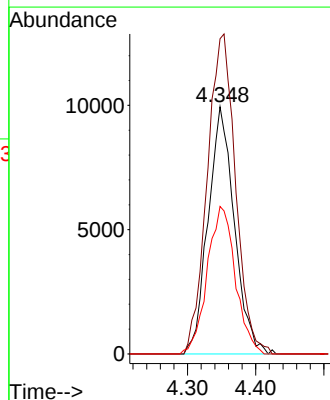
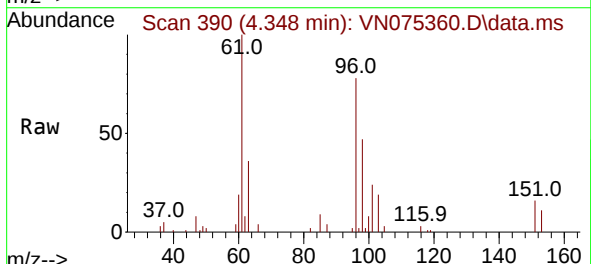
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#12
1,1-Dichloroethene
Concen: 19.350 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion: 96 Resp: 26642
Ion Ratio Lower Upper
96 100
61 127.5 126.2 189.4
98 59.7 51.5 77.3





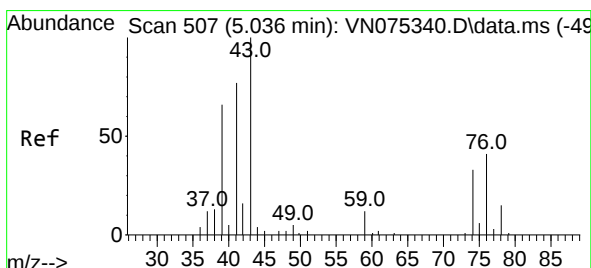
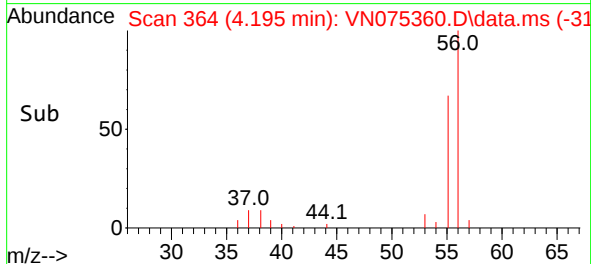
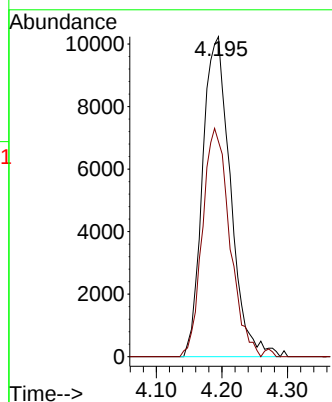
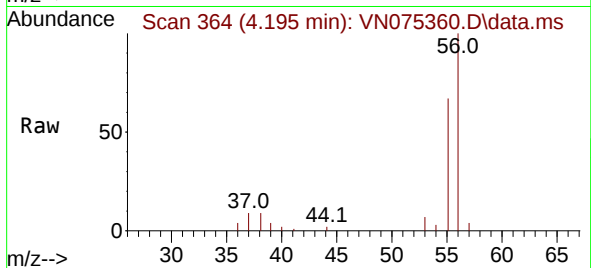
#13
Acrolein
Concen: 103.495 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 56 Resp: 3020
Ion Ratio Lower Upper
56 100
55 70.1 55.2 82.8

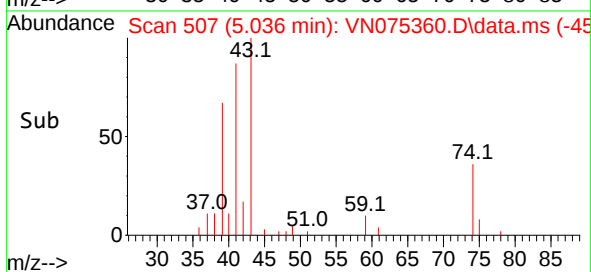
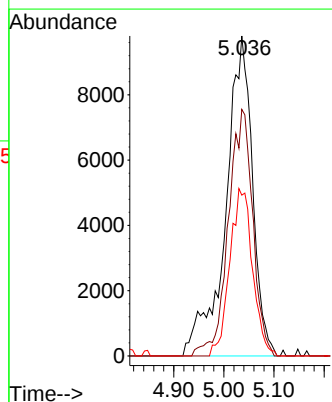
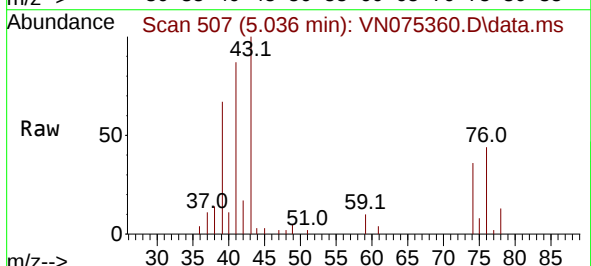
Manual Integrations
APPROVED

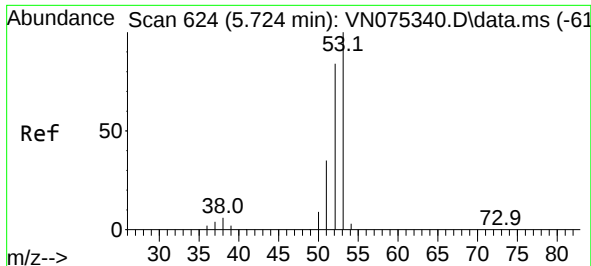
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#14
Allyl chloride
Concen: 20.464 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion: 41 Resp: 36446
Ion Ratio Lower Upper
41 100
39 70.2 61.0 91.4
76 44.5 33.4 50.0





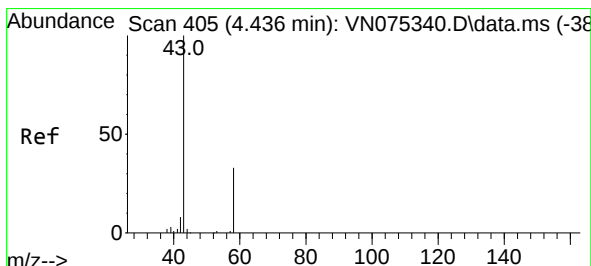
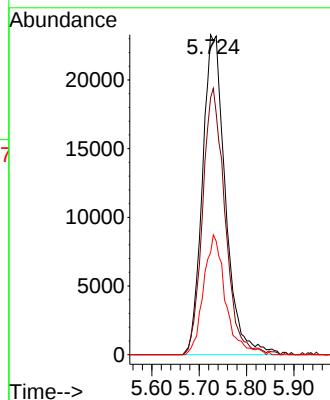
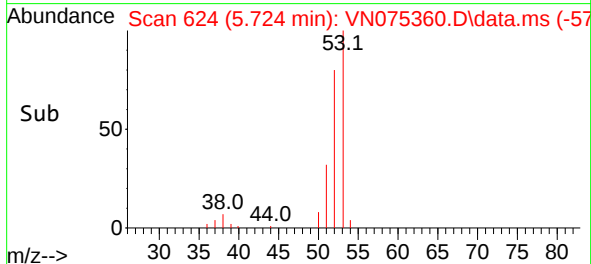
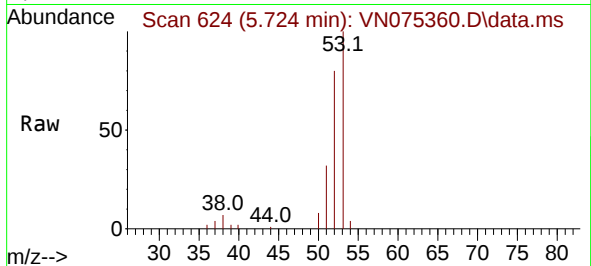
#15
Acrylonitrile
Concen: 102.449 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 53 Resp: 78749
Ion Ratio Lower Upper
53 100
52 80.7 66.4 99.6
51 35.7 29.6 44.4

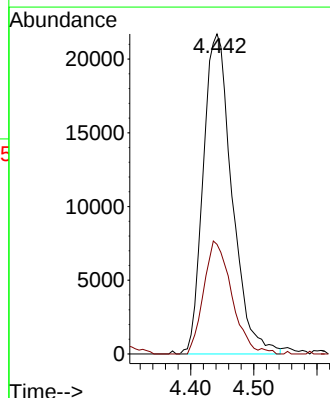
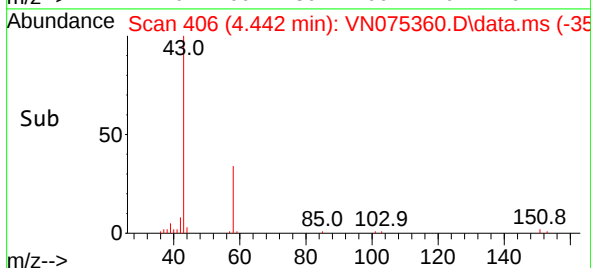
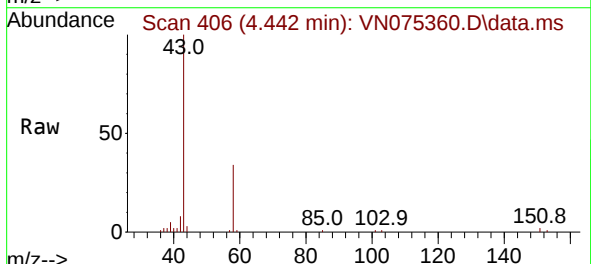
Manual Integrations
APPROVED

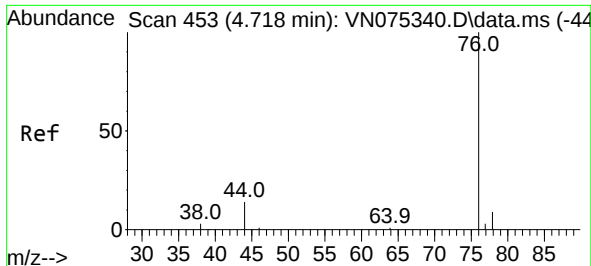
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#16
Acetone
Concen: 92.302 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

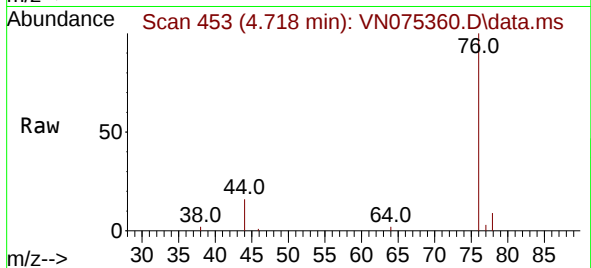
Tgt Ion: 43 Resp: 68713
Ion Ratio Lower Upper
43 100
58 34.3 25.5 38.3





#17
Carbon Disulfide
Concen: 18.514 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

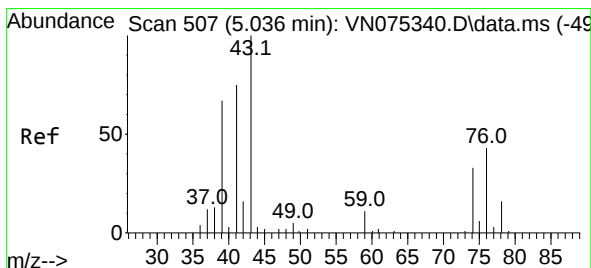
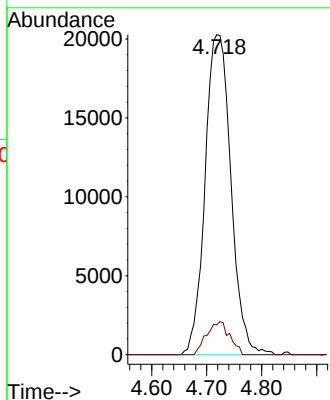
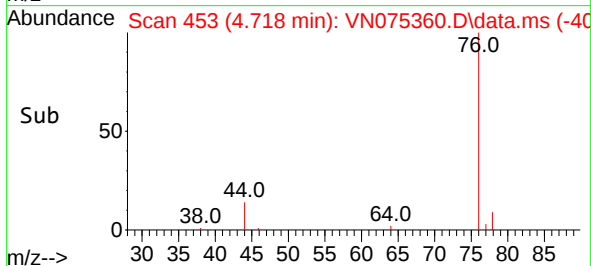
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



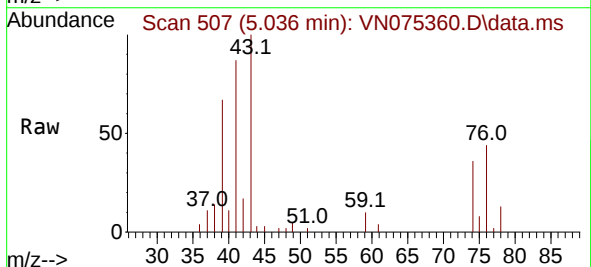
Tgt Ion: 76 Resp: 66249
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

Manual Integrations
APPROVED

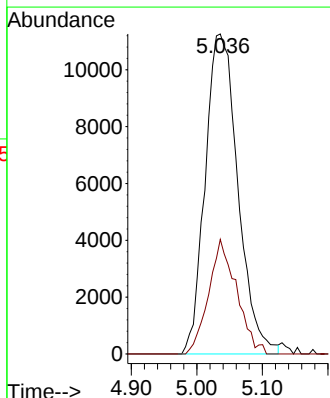
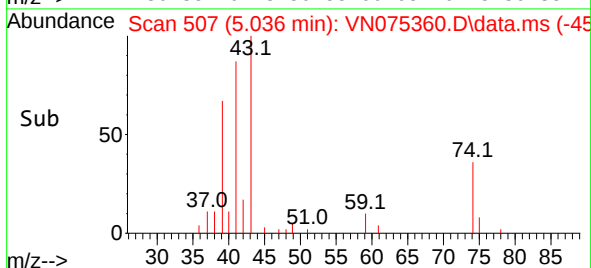
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

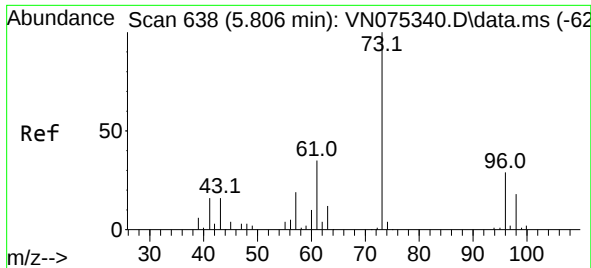


#18
Methyl Acetate
Concen: 20.013 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09



Tgt Ion: 43 Resp: 39016
Ion Ratio Lower Upper
43 100
74 30.7 22.0 33.0





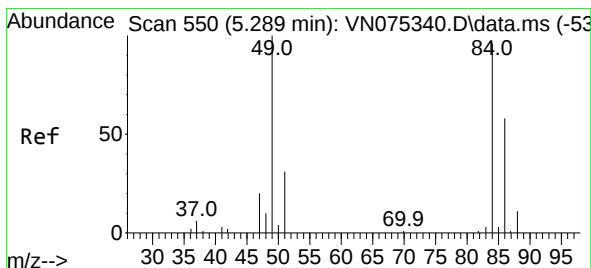
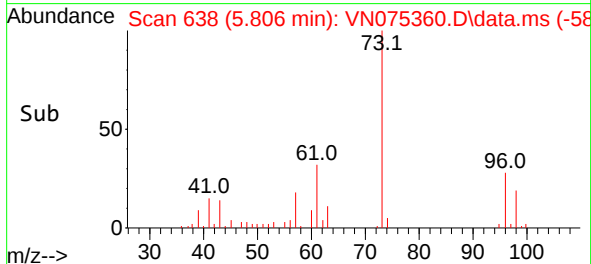
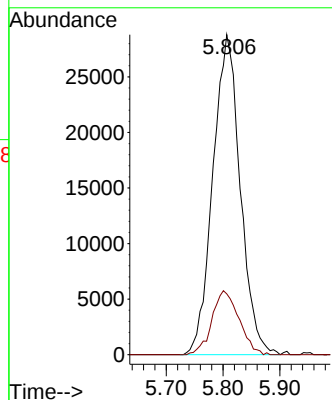
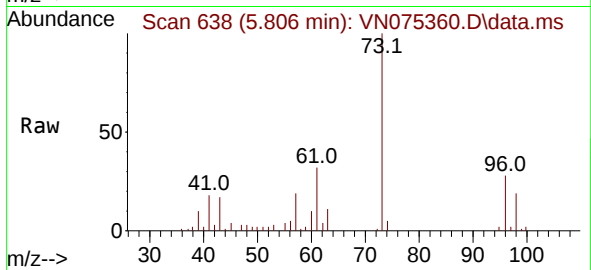
#19
Methyl tert-butyl Ether
Concen: 19.783 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 73 Resp: 96492
Ion Ratio Lower Upper
73 100
57 19.0 16.3 24.5

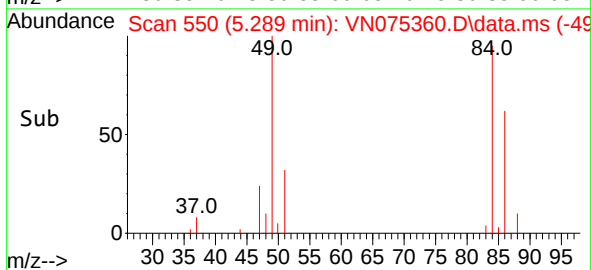
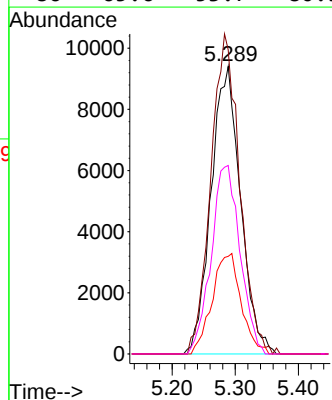
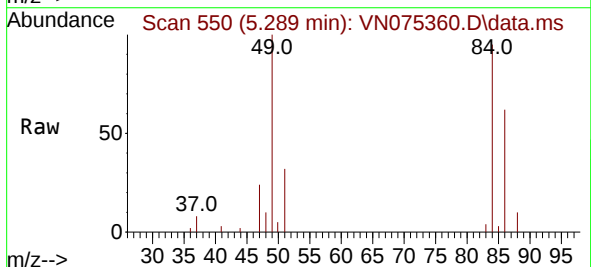
Manual Integrations
APPROVED

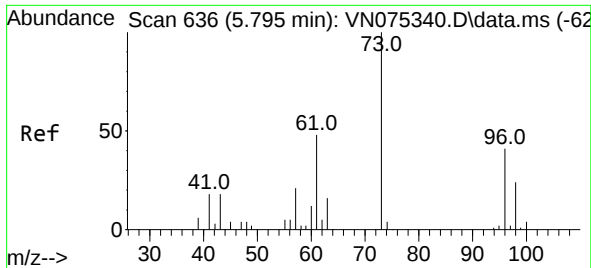
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#20
Methylene Chloride
Concen: 19.416 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion: 84 Resp: 30491
Ion Ratio Lower Upper
84 100
49 105.8 94.9 142.3
51 33.9 26.8 40.2
86 65.6 53.7 80.5





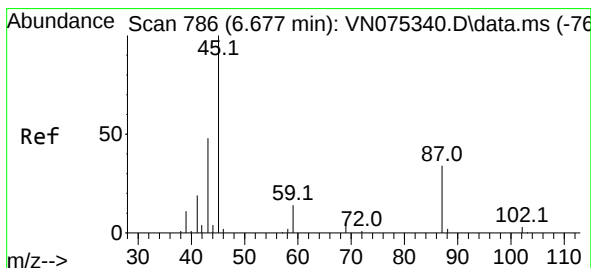
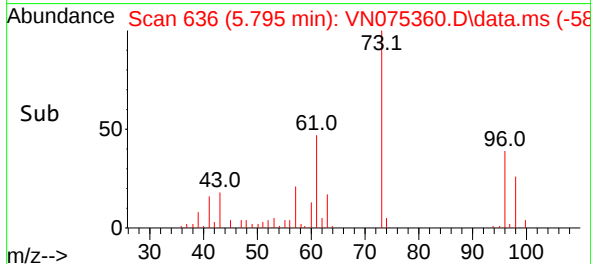
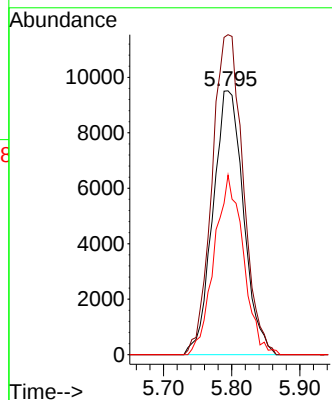
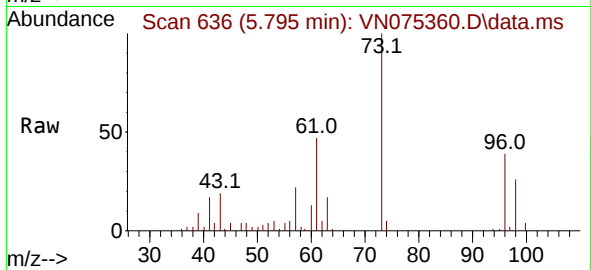
#21
trans-1,2-Dichloroethene
Concen: 18.934 ug/l
RT: 5.795 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 96 Resp: 29710
Ion Ratio Lower Upper
96 100
61 121.3 99.9 149.9
98 68.0 51.5 77.3

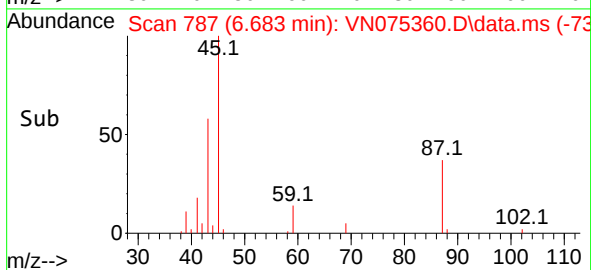
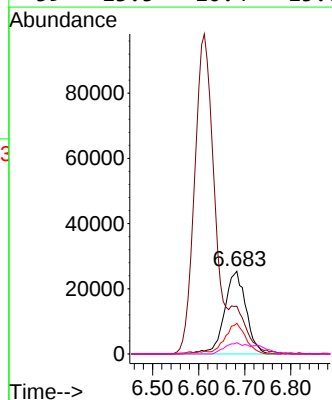
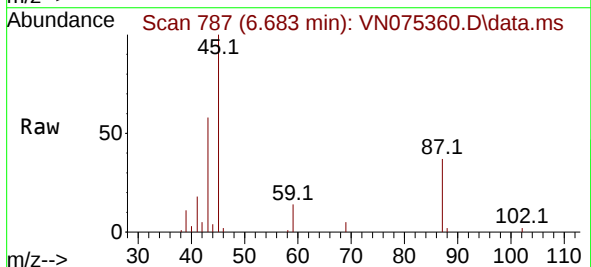
Manual Integrations
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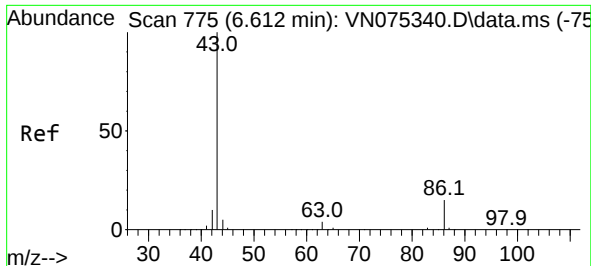
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#22
Diisopropyl ether
Concen: 20.202 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion: 45 Resp: 82107
Ion Ratio Lower Upper
45 100
43 56.2 42.8 64.2
87 36.9 28.4 42.6
59 13.5 10.4 15.6





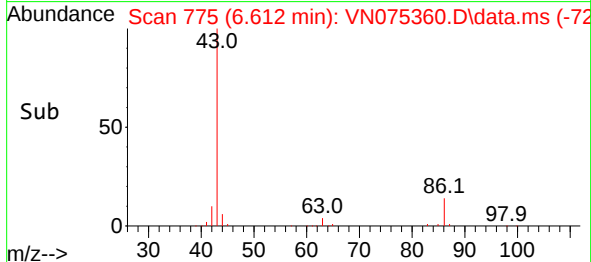
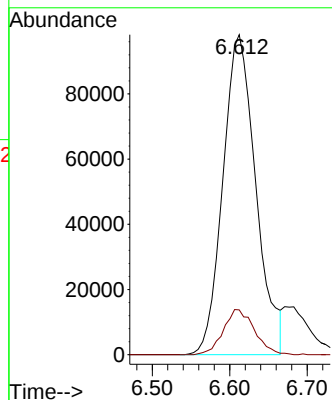
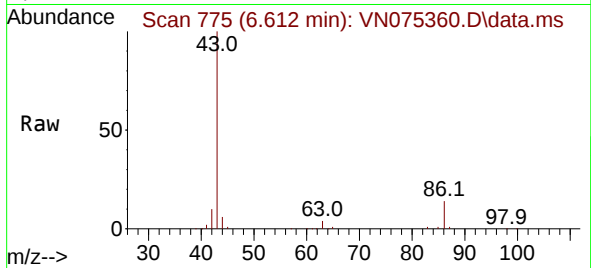
#23
 Vinyl Acetate
 Concen: 89.819 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075360.D
 Acq: 22 Nov 2022 12:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBSD01

Tgt Ion: 43 Resp: 290418
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.7 16.1

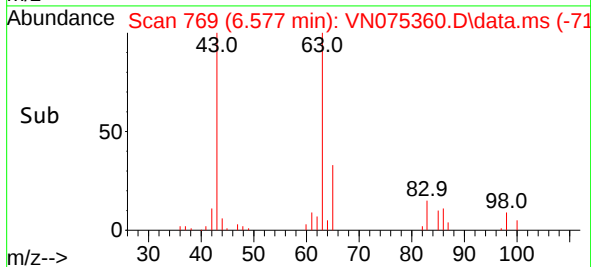
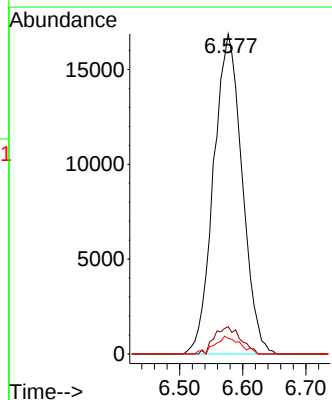
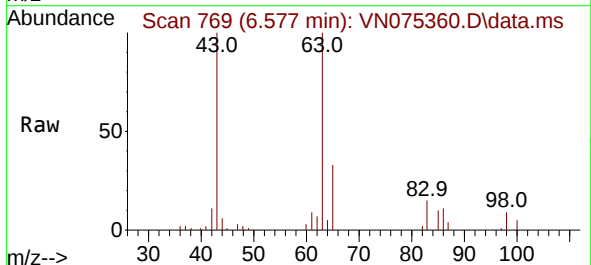
Manual Integrations
 APPROVED

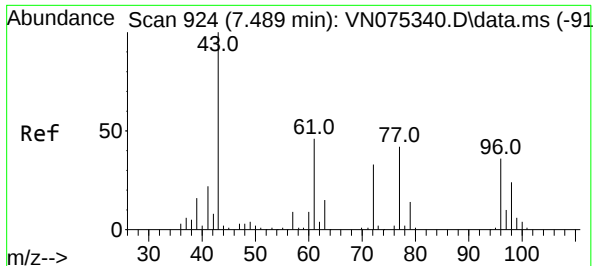
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022



#24
 1,1-Dichloroethane
 Concen: 20.300 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075360.D
 Acq: 22 Nov 2022 12:09

Tgt Ion: 63 Resp: 52957
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.8
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 96.032 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075360.D

Acq: 22 Nov 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion: 43 Resp: 99809

Ion Ratio Lower Upper

43 100

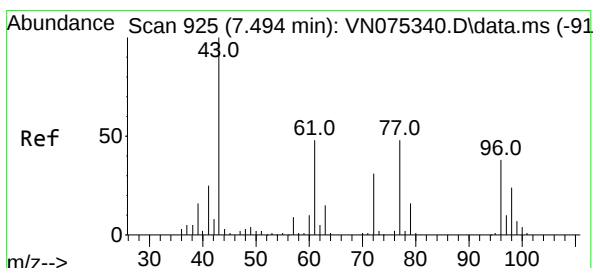
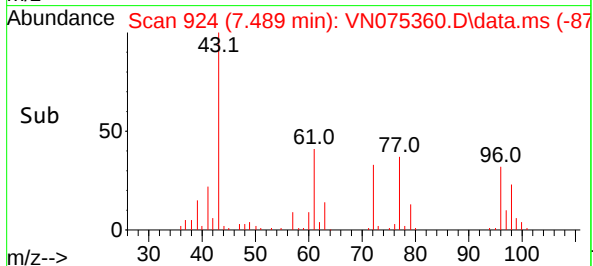
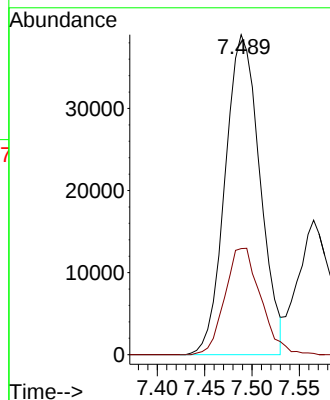
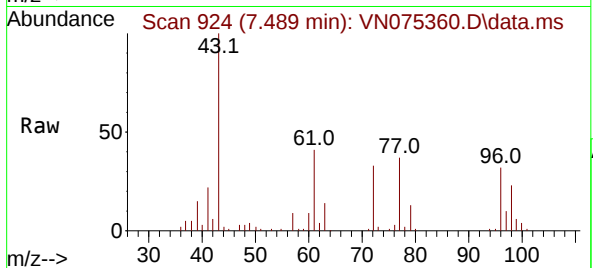
72 33.1 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#26

2,2-Dichloropropane

Concen: 18.817 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075360.D

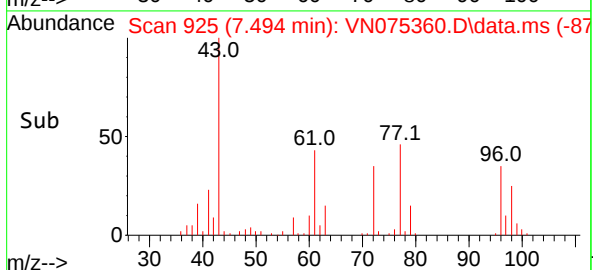
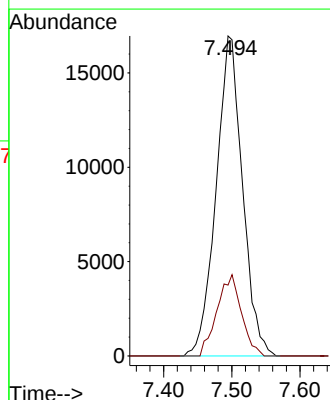
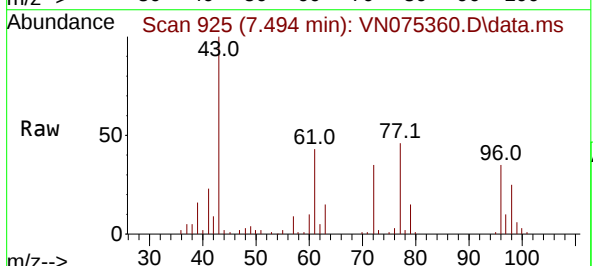
Acq: 22 Nov 2022 12:09

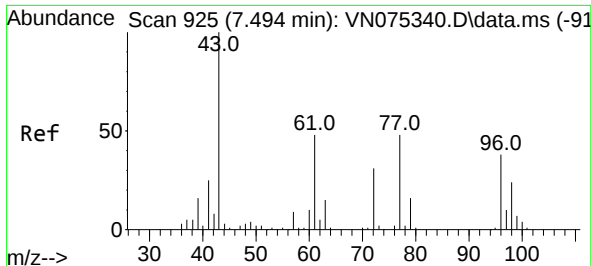
Tgt Ion: 77 Resp: 45623

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.843 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075360.D

Acq: 22 Nov 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBSD01

Tgt Ion: 96 Resp: 35208

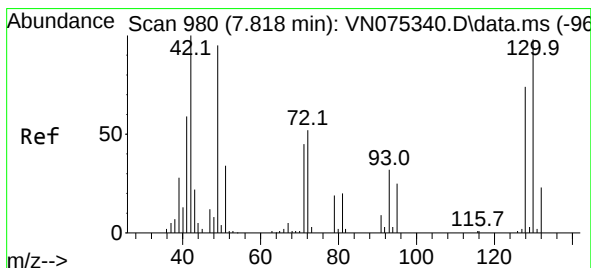
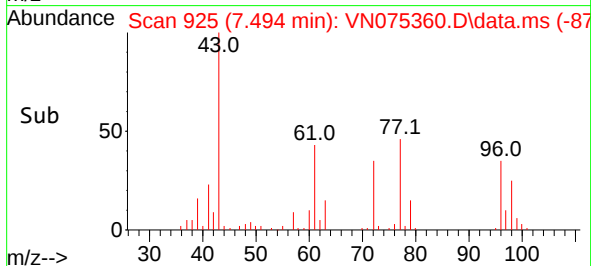
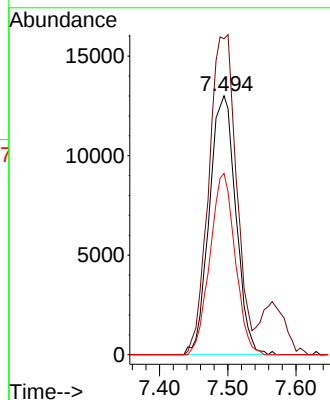
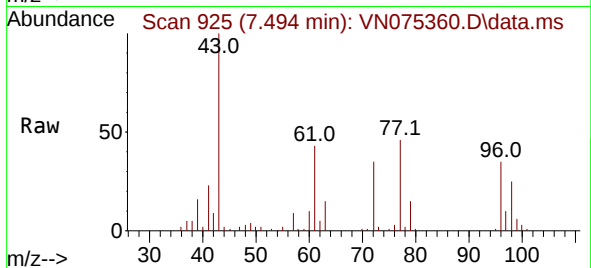
Ion	Ratio	Lower	Upper
96	100		
61	128.4	0.0	278.8
98	66.4	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#28

Bromochloromethane

Concen: 20.518 ug/l

RT: 7.818 min Scan# 980

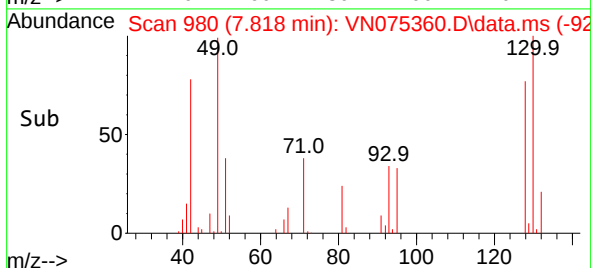
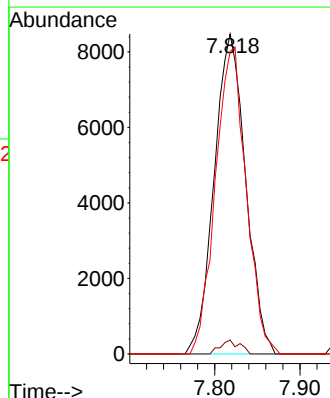
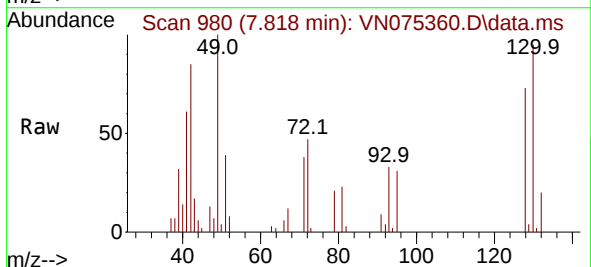
Delta R.T. -0.000 min

Lab File: VN075360.D

Acq: 22 Nov 2022 12:09

Tgt Ion: 49 Resp: 21727

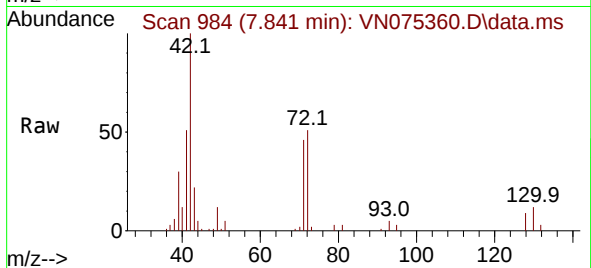
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	93.6	66.2	99.4





#29
Tetrahydrofuran
Concen: 103.854 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

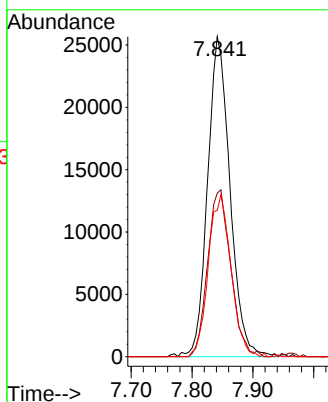
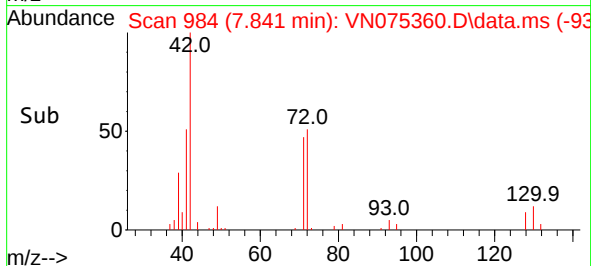
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



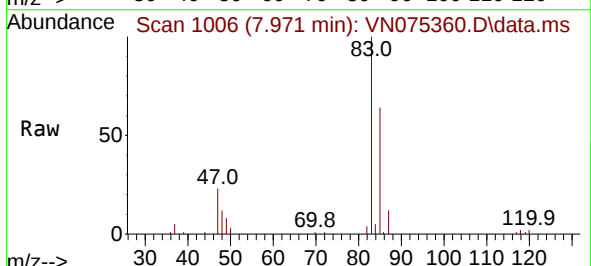
Tgt Ion: 42 Resp: 6565
Ion Ratio Lower Upper
42 100
72 53.7 43.0 64.6
71 51.1 39.9 59.9

Manual Integrations
APPROVED

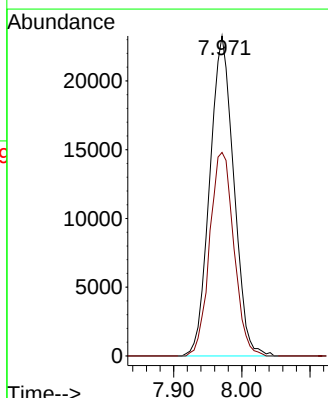
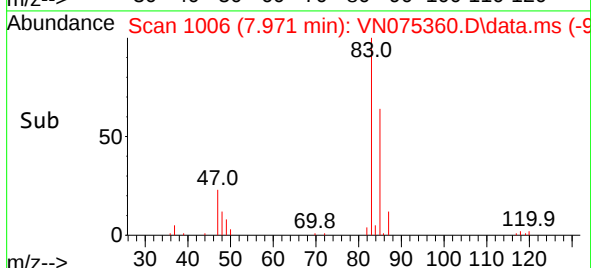
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

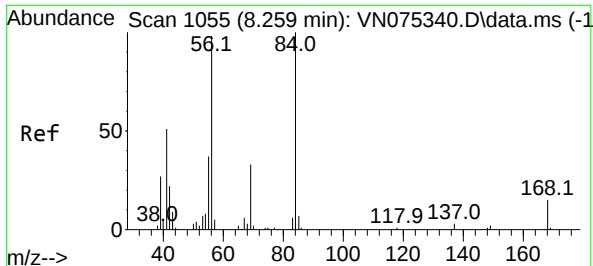


#30
Chloroform
Concen: 19.054 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09



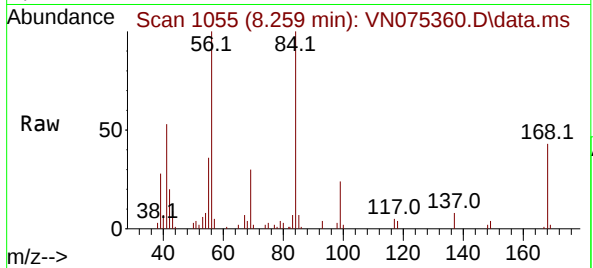
Tgt Ion: 83 Resp: 57082
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.0





#31
Cyclohexane
Concen: 18.791 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

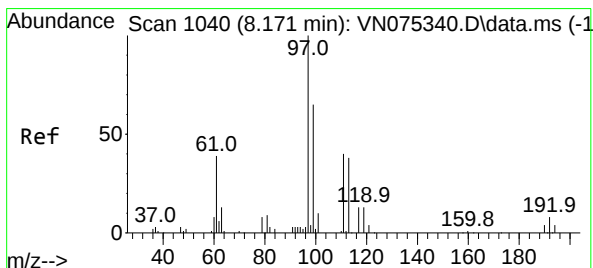
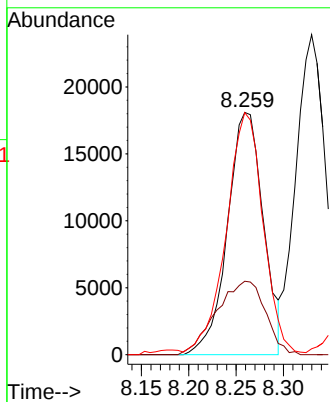
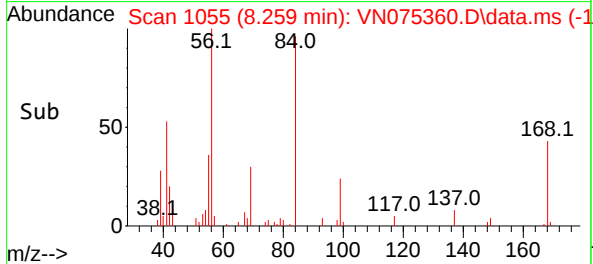
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



Tgt Ion: 56 Resp: 47649
Ion Ratio Lower Upper
56 100
69 30.3 25.2 37.8
84 98.2 77.8 116.8

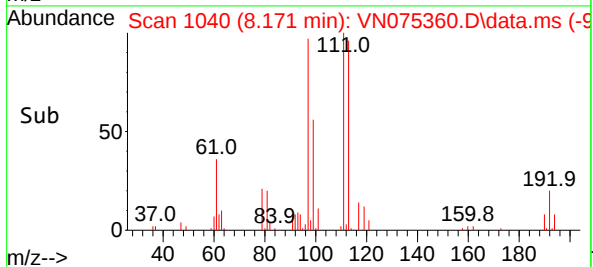
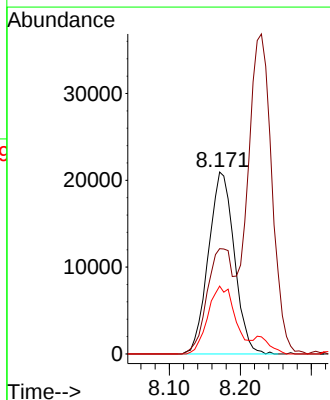
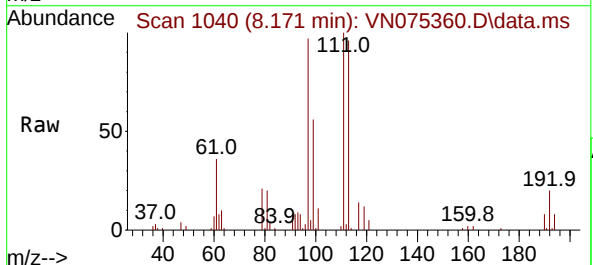
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#32
1,1,1-Trichloroethane
Concen: 19.436 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion: 97 Resp: 52867
Ion Ratio Lower Upper
97 100
99 54.3 50.2 75.2
61 40.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 52.756 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075360.D

Acq: 22 Nov 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBSD01

Tgt Ion: 65 Resp: 4210

Ion Ratio Lower Upper

65 100

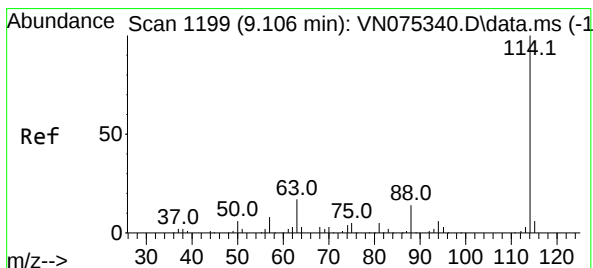
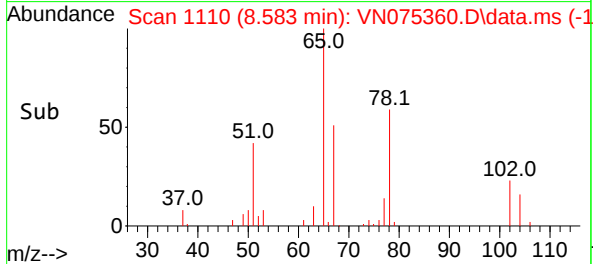
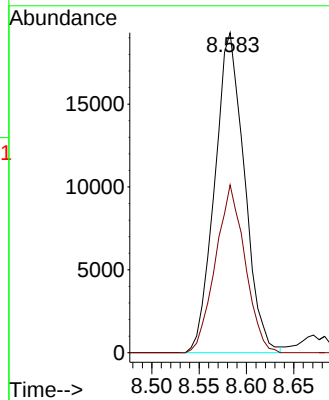
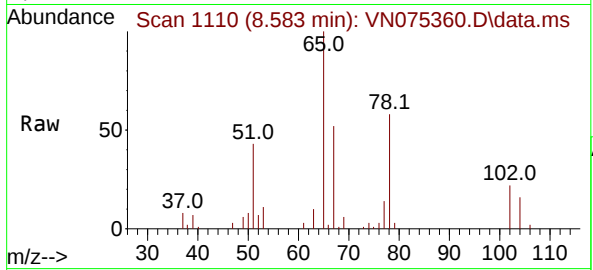
67 52.2 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075360.D

Acq: 22 Nov 2022 12:09

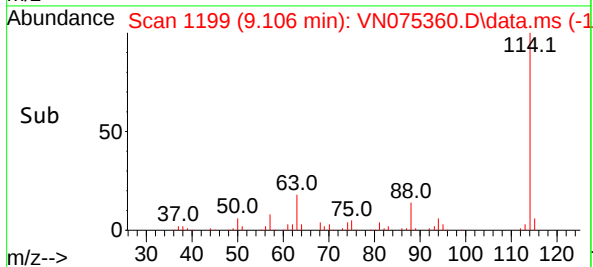
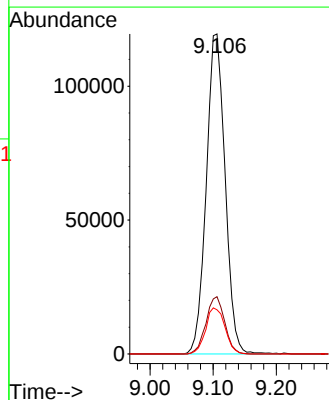
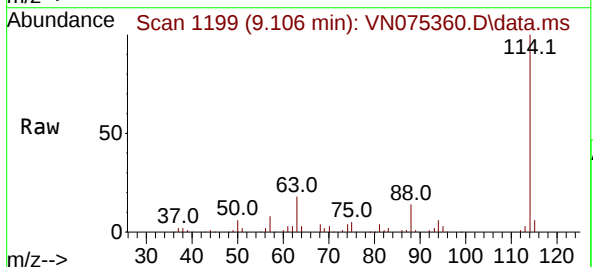
Tgt Ion:114 Resp: 247616

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 13.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.397 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075360.D

Acq: 22 Nov 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion:113 Resp: 4999

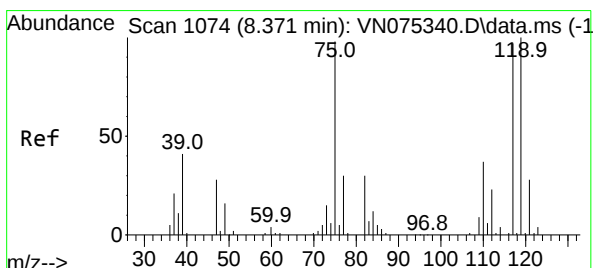
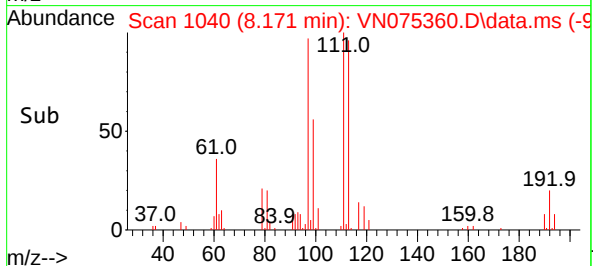
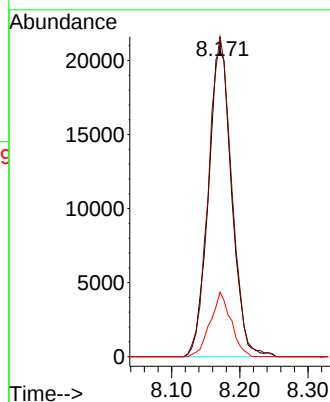
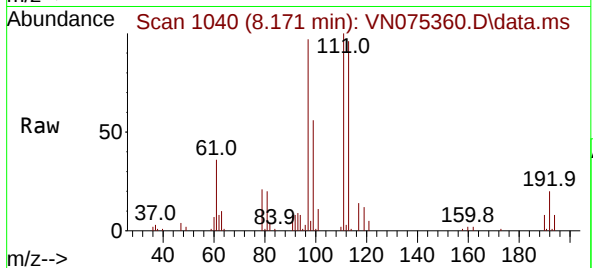
Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.5	120.7
192	18.5	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#36

1,1-Dichloropropene

Concen: 19.184 ug/l

RT: 8.371 min Scan# 1074

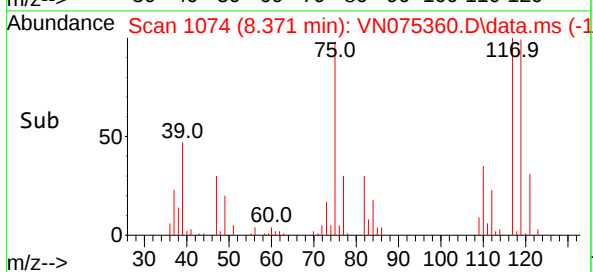
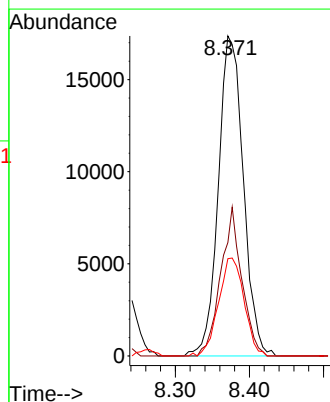
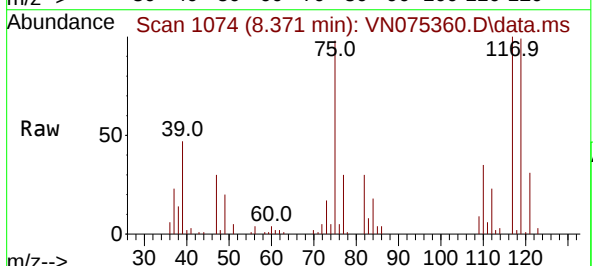
Delta R.T. -0.000 min

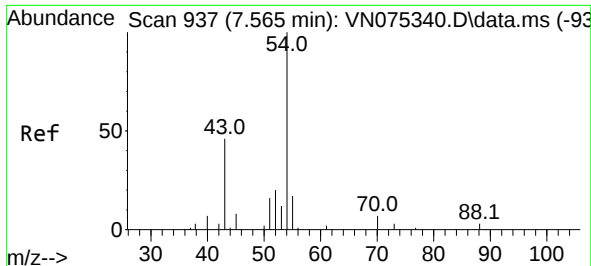
Lab File: VN075360.D

Acq: 22 Nov 2022 12:09

Tgt Ion: 75 Resp: 40695

Ion	Ratio	Lower	Upper
75	100		
110	39.3	17.8	53.3
77	31.3	24.6	37.0





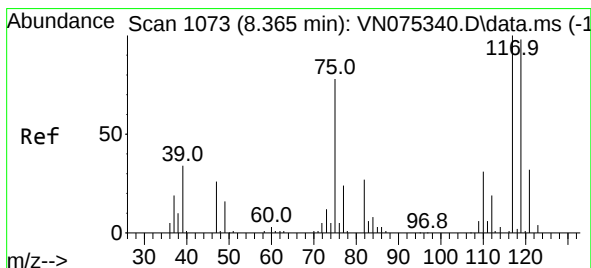
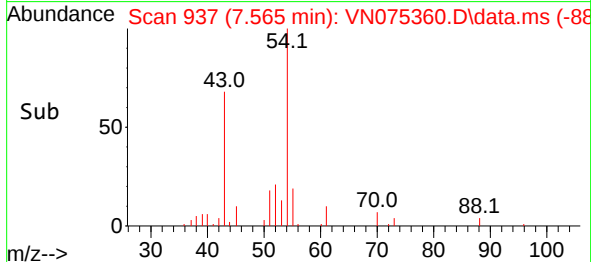
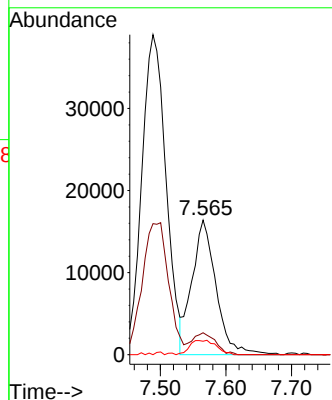
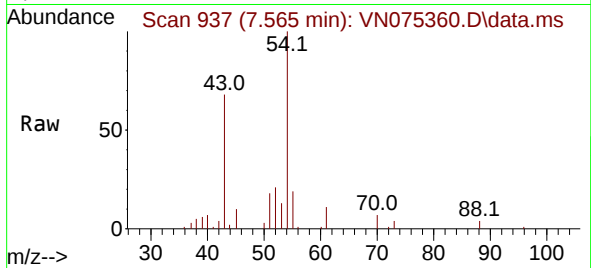
#37
Ethyl Acetate
Concen: 21.996 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 43 Resp: 4201
Ion Ratio Lower Upper
43 100
61 14.9 12.2 18.4
70 11.7 9.4 14.2

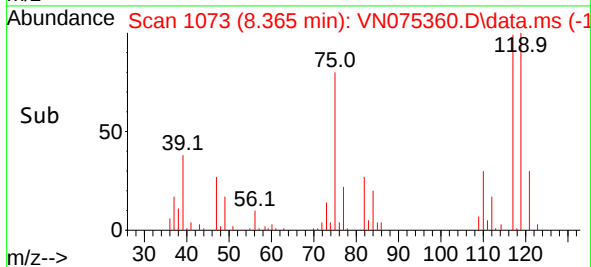
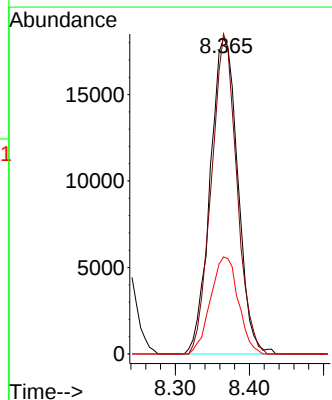
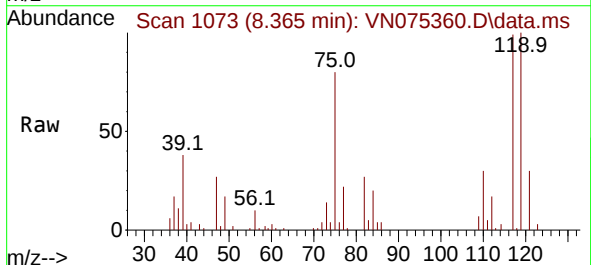
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#38
Carbon Tetrachloride
Concen: 20.241 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

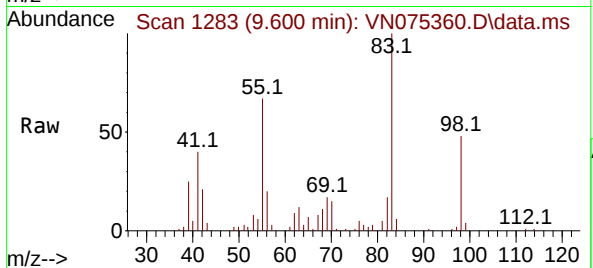
Tgt Ion:117 Resp: 47167
Ion Ratio Lower Upper
117 100
119 101.4 76.7 115.1
121 30.7 23.9 35.9





#39
Methylcyclohexane
Concen: 20.494 ug/l
RT: 9.600 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

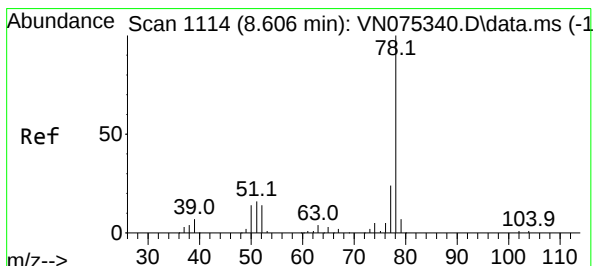
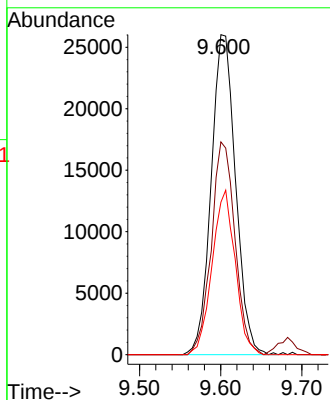
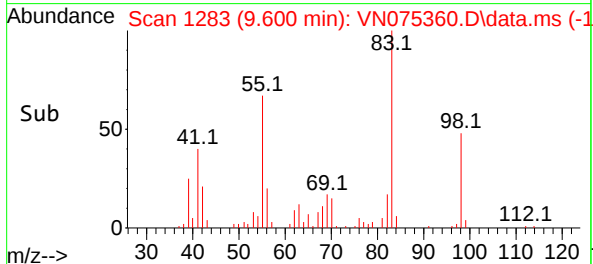
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



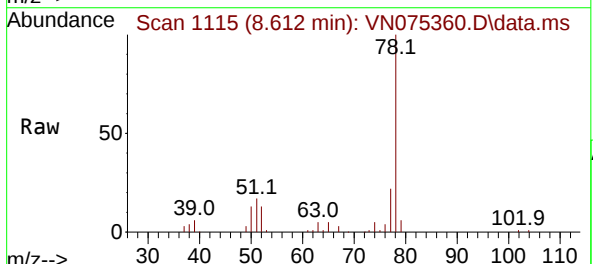
Tgt Ion: 83 Resp: 54408
Ion Ratio Lower Upper
83 100
55 66.5 53.6 80.4
98 47.6 41.1 61.7

Manual Integrations
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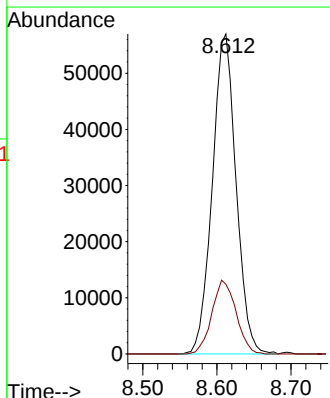
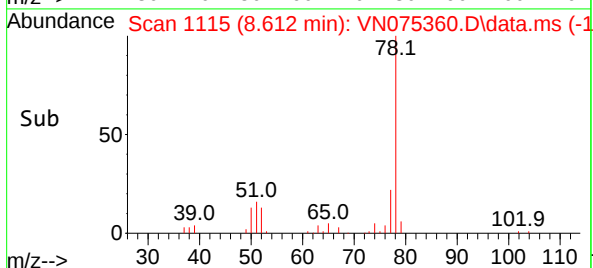
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#40
Benzene
Concen: 19.540 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09



Tgt Ion: 78 Resp: 126905
Ion Ratio Lower Upper
78 100
77 21.8 19.4 29.0





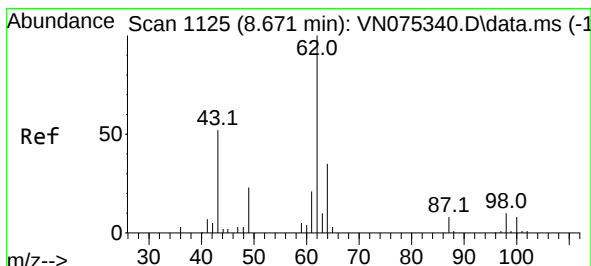
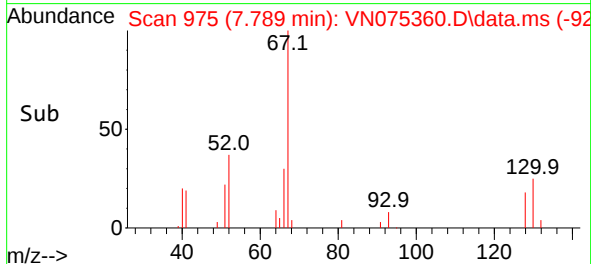
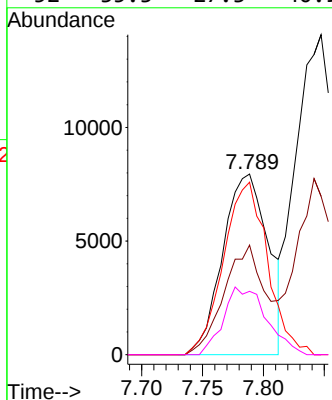
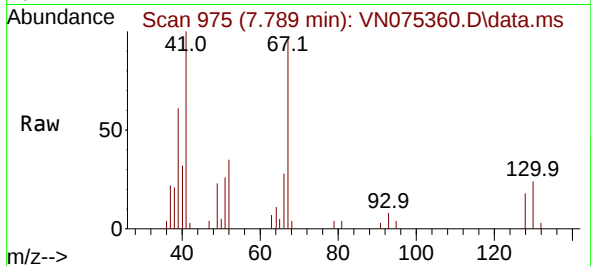
#41
Methacrylonitrile
Concen: 21.231 ug/l
RT: 7.789 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 41 Resp: 20732
Ion Ratio Lower Upper
41 100
39 52.0 44.4 66.6
67 92.1 69.8 104.6
52 35.3 27.3 40.9

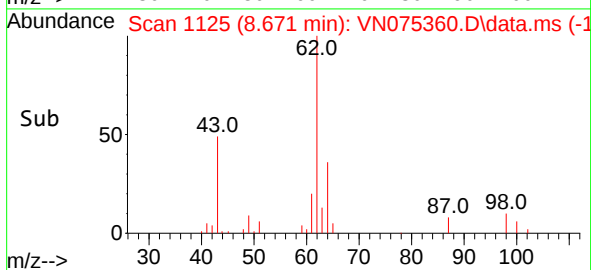
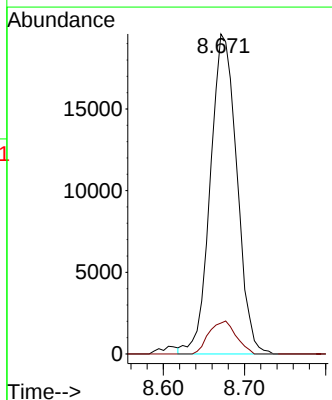
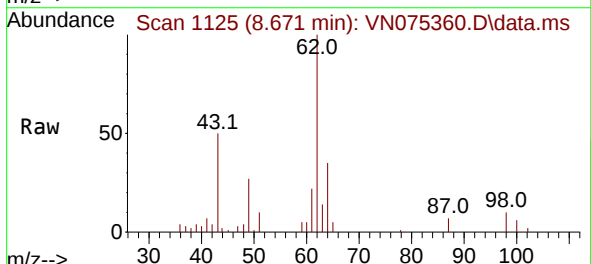
Manual Integrations
APPROVED

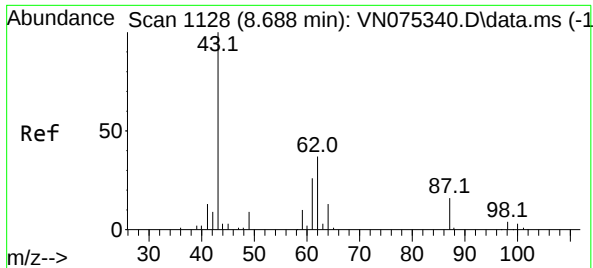
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#42
1,2-Dichloroethane
Concen: 20.457 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion: 62 Resp: 44498
Ion Ratio Lower Upper
62 100
98 10.5 0.0 18.2





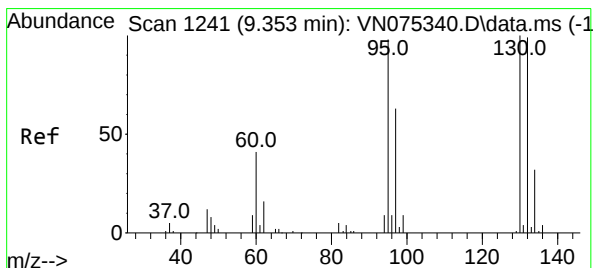
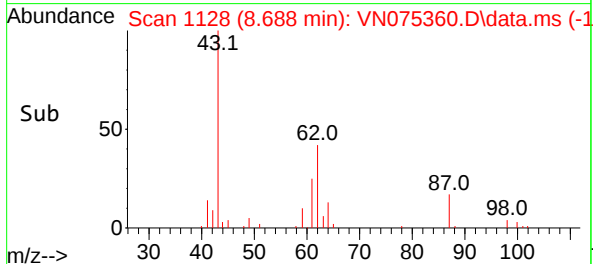
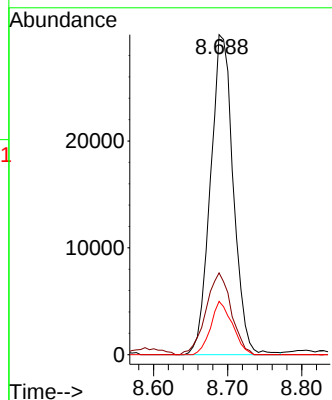
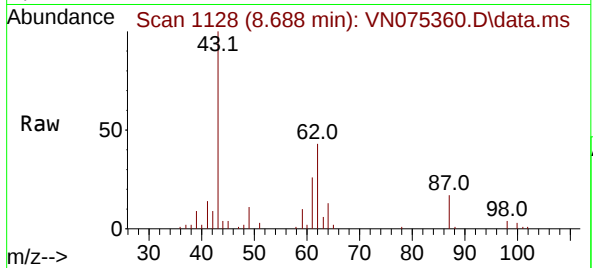
#43
Isopropyl Acetate
Concen: 20.937 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 43 Resp: 64190
Ion Ratio Lower Upper
43 100
61 28.3 22.4 33.6
87 15.7 12.5 18.7

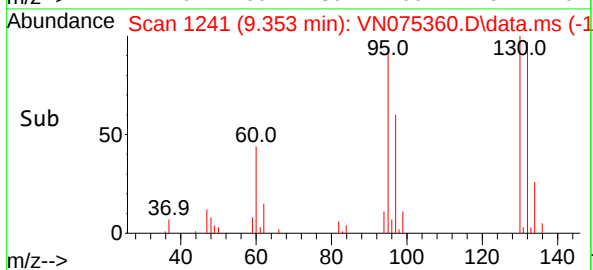
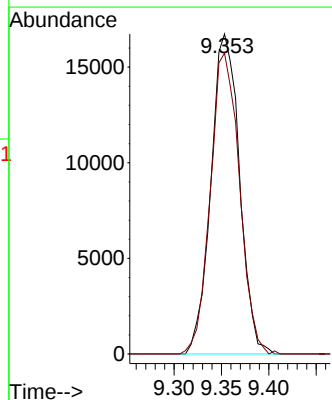
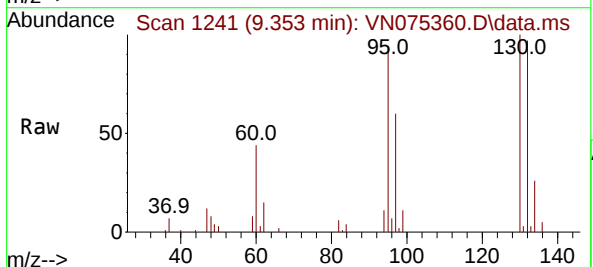
Manual Integrations
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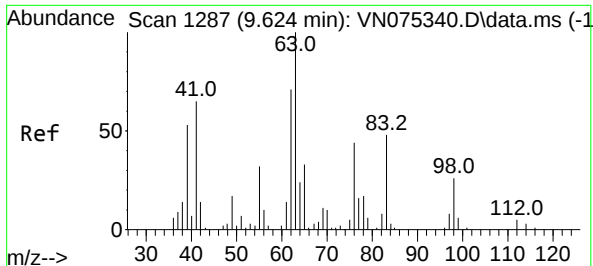
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#44
Trichloroethene
Concen: 19.701 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion:130 Resp: 35010
Ion Ratio Lower Upper
130 100
95 94.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.654 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075360.D

Acq: 22 Nov 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion: 63 Resp: 30419

Ion Ratio Lower Upper

63 100

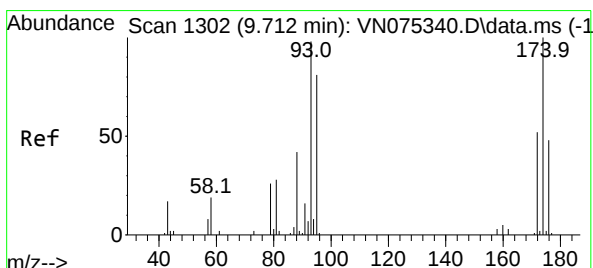
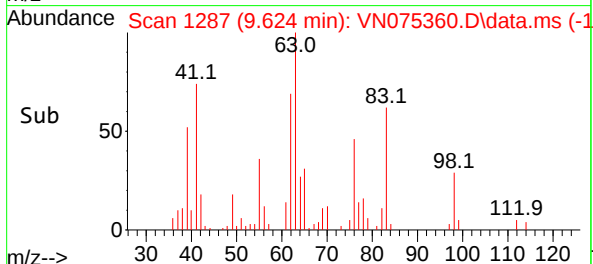
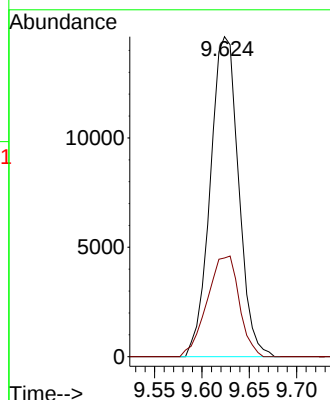
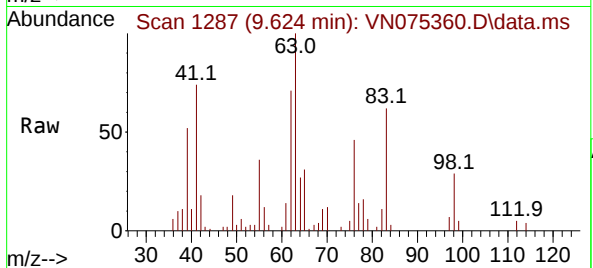
65 30.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#46

Dibromomethane

Concen: 19.872 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075360.D

Acq: 22 Nov 2022 12:09

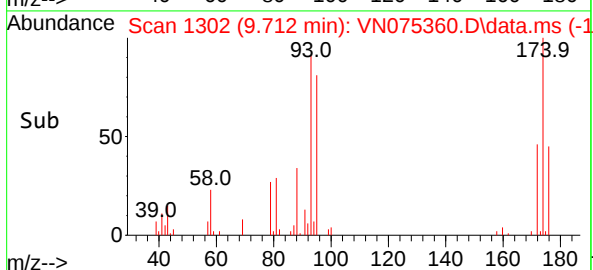
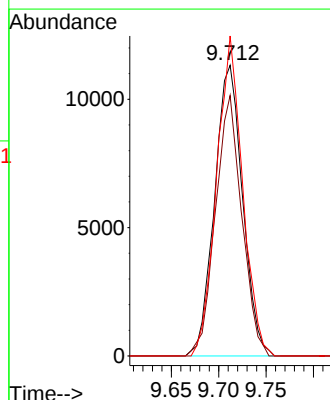
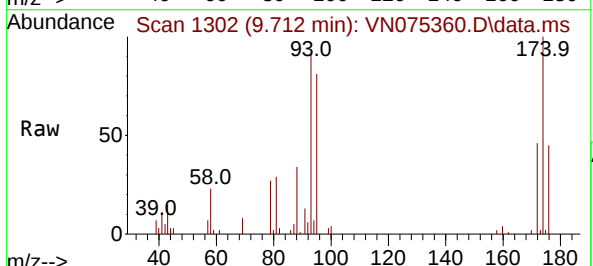
Tgt Ion: 93 Resp: 23263

Ion Ratio Lower Upper

93 100

95 84.7 66.6 99.8

174 102.2 70.3 105.5





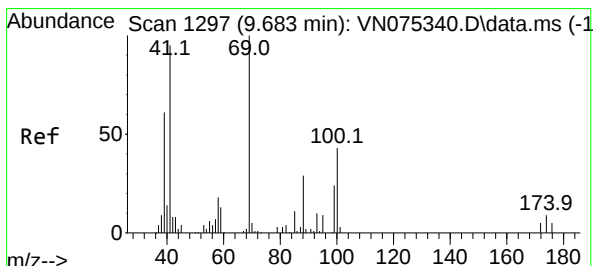
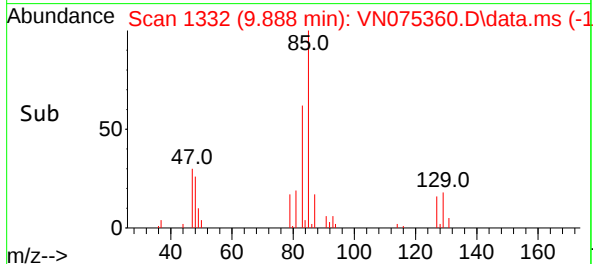
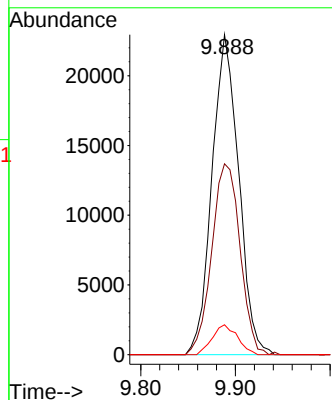
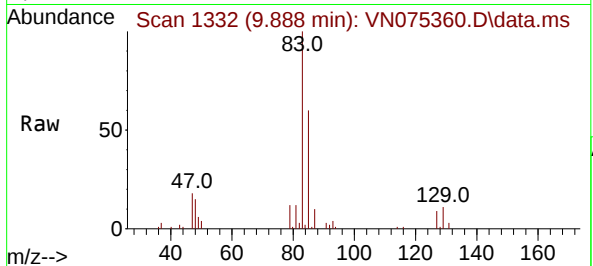
#47
Bromodichloromethane
Concen: 19.816 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 83 Resp: 44924
Ion Ratio Lower Upper
83 100
85 59.6 52.1 78.1
127 9.3 6.6 10.0

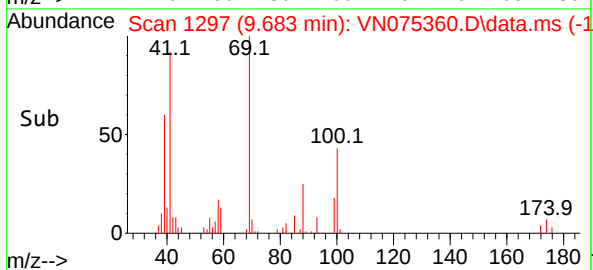
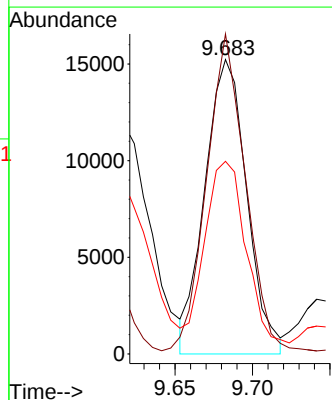
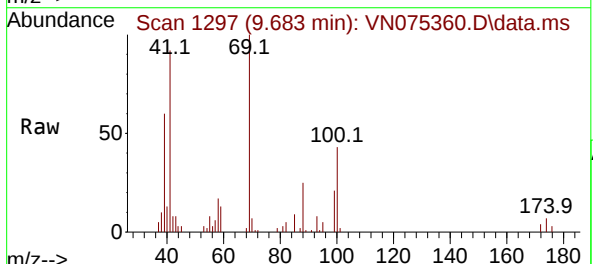
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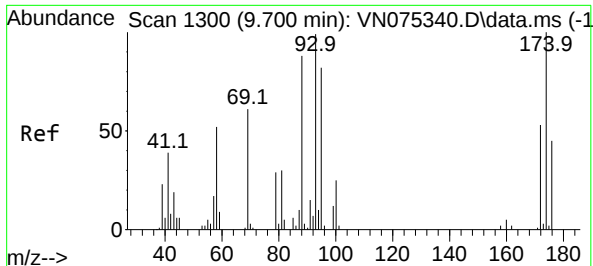
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#48
Methyl methacrylate
Concen: 20.180 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion: 41 Resp: 28608
Ion Ratio Lower Upper
41 100
69 102.9 80.2 120.2
39 67.7 56.2 84.2





#49

1,4-Dioxane

Concen: 420.000 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075360.D

Acq: 22 Nov 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion: 88 Resp: 1690

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

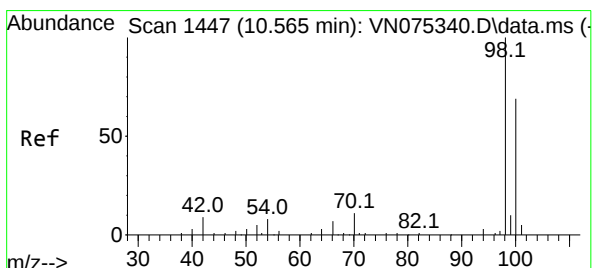
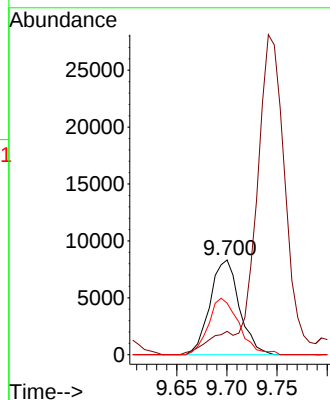
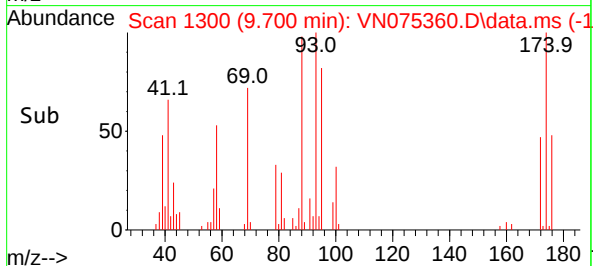
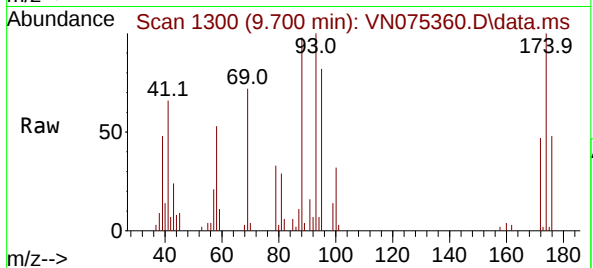
58 62.1 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#50

Toluene-d8

Concen: 52.804 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075360.D

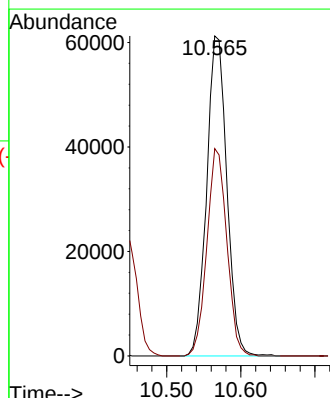
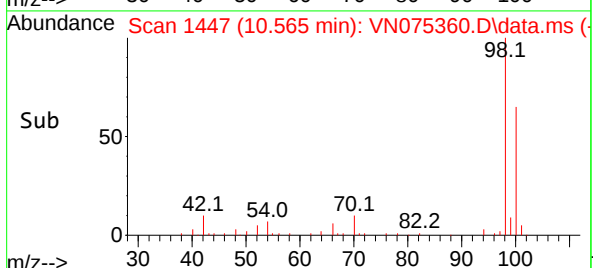
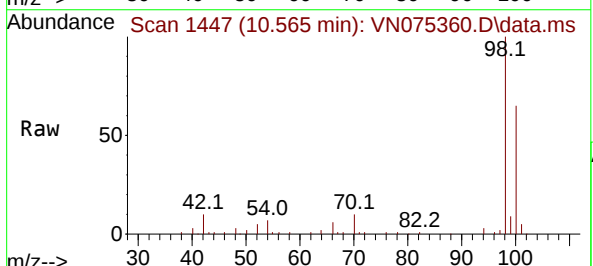
Acq: 22 Nov 2022 12:09

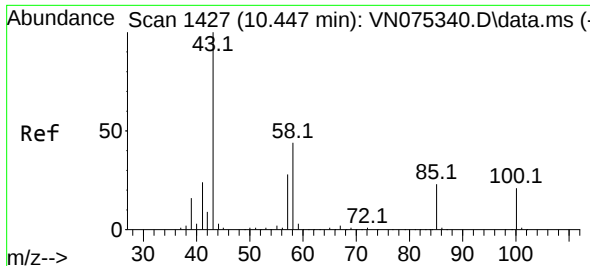
Tgt Ion: 98 Resp: 115684

Ion Ratio Lower Upper

98 100

100 64.0 53.0 79.6





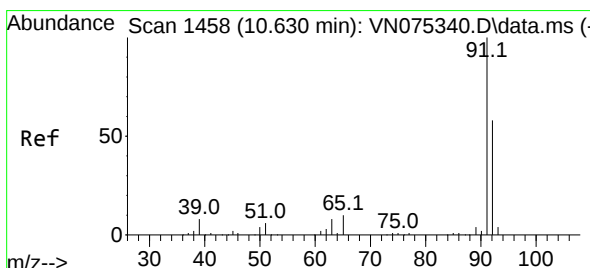
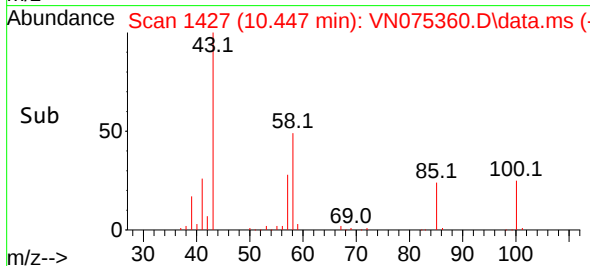
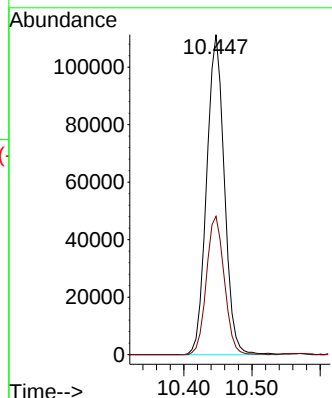
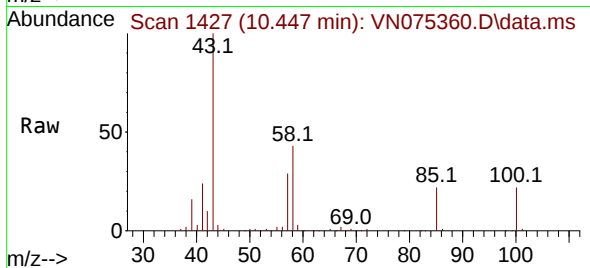
#51
4-Methyl-2-Pentanone
Concen: 103.011 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 43 Resp: 20115
Ion Ratio Lower Upper
43 100
58 43.7 33.6 50.4

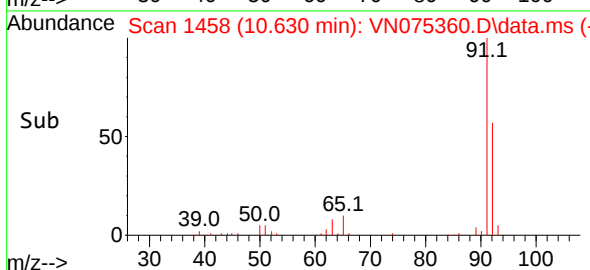
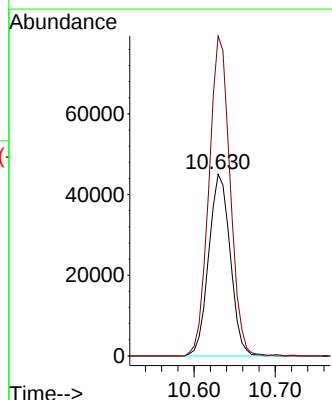
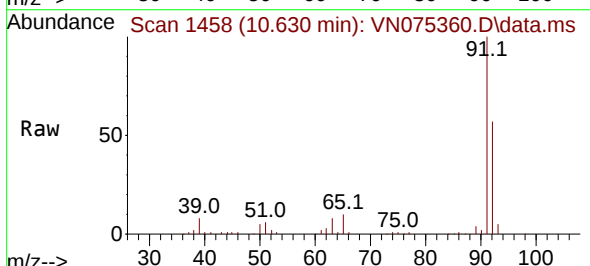
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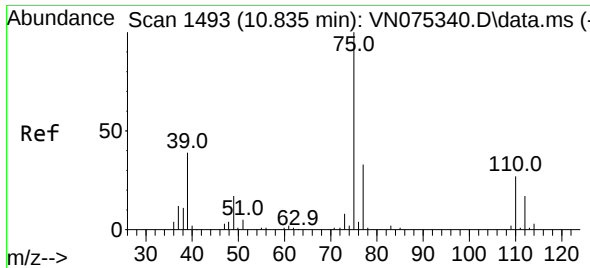
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#52
Toluene
Concen: 19.766 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

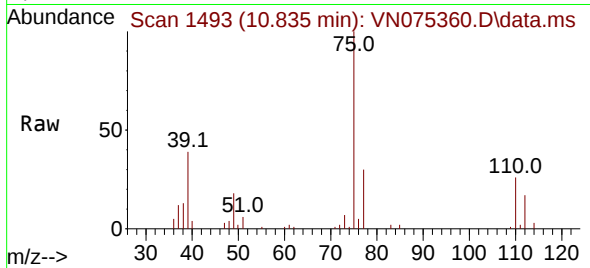
Tgt Ion: 92 Resp: 82727
Ion Ratio Lower Upper
92 100
91 173.3 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 20.411 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075360.D
 Acq: 22 Nov 2022 12:09

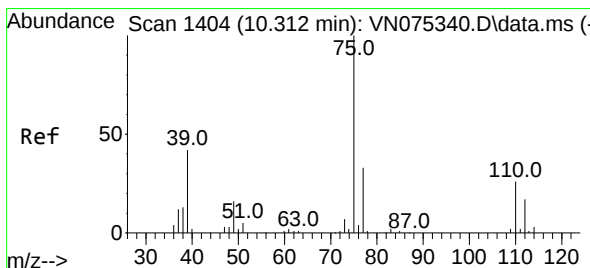
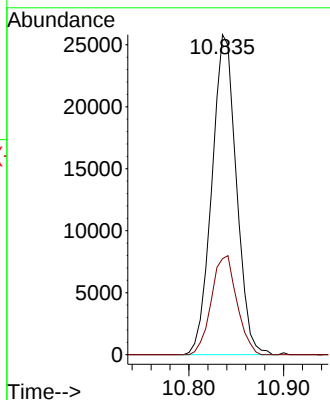
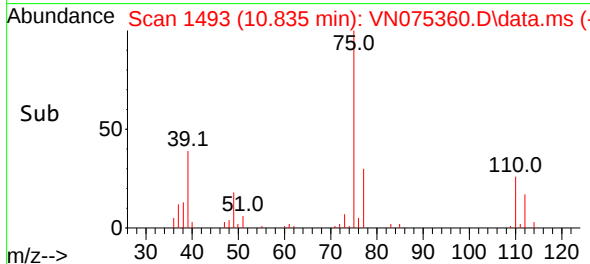
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01



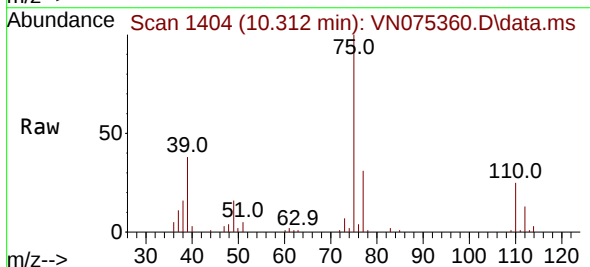
Tgt Ion: 75 Resp: 4645
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.2

Manual Integrations
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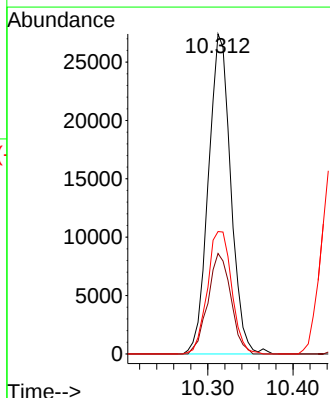
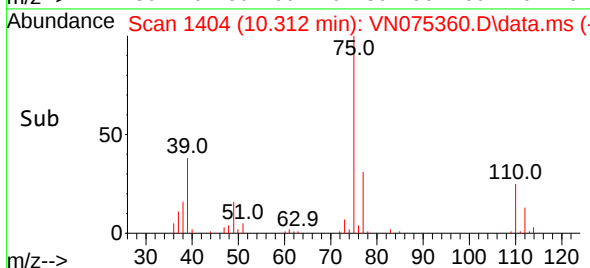
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022

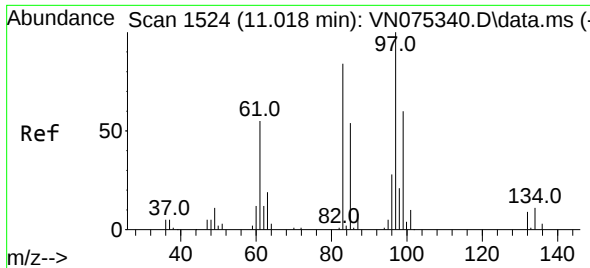


#54
 cis-1,3-Dichloropropene
 Concen: 20.242 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075360.D
 Acq: 22 Nov 2022 12:09



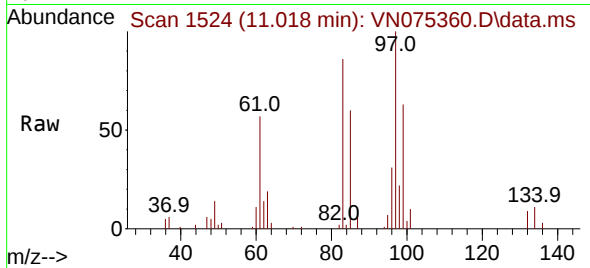
Tgt Ion: 75 Resp: 50036
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.7 35.5
 39 38.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 19.937 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

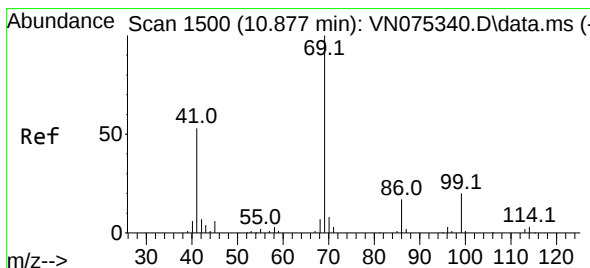
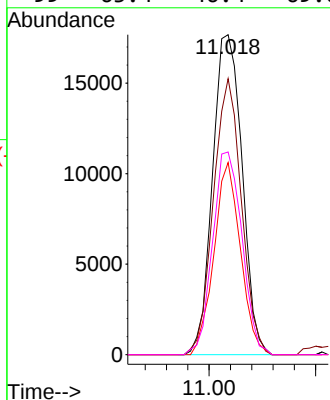
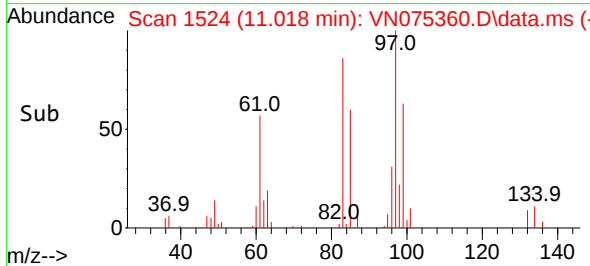
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



Tgt Ion:	97	Resp:	3398
Ion Ratio	100	Lower	Upper
97	100		
83	86.2	65.9	98.9
85	60.1	40.4	60.6
99	63.4	46.4	69.6

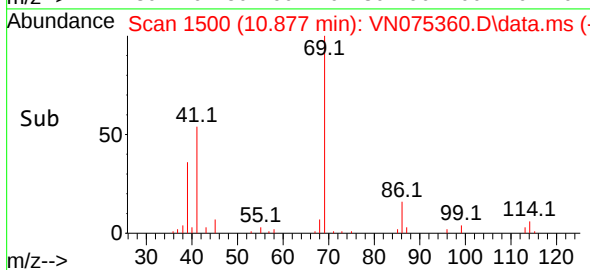
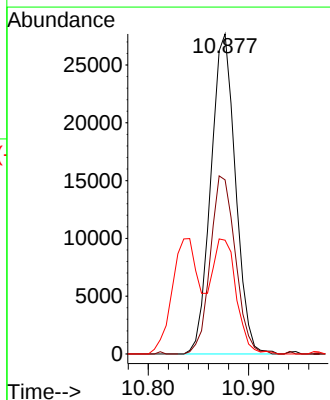
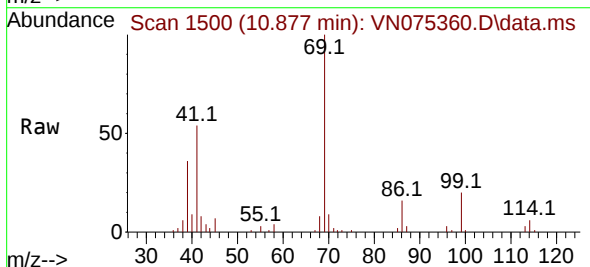
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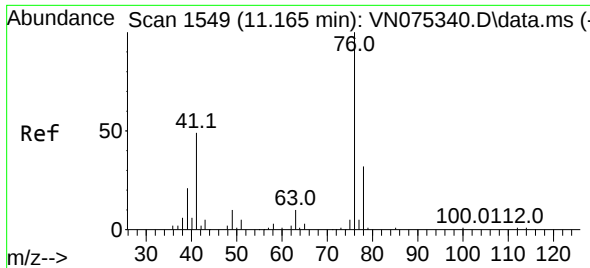
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#56
Ethyl methacrylate
Concen: 20.532 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion:	69	Resp:	47266
Ion Ratio	100	Lower	Upper
69	100		
41	56.8	45.6	68.4
39	33.6	28.5	42.7





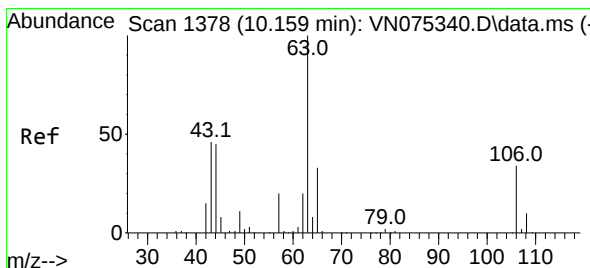
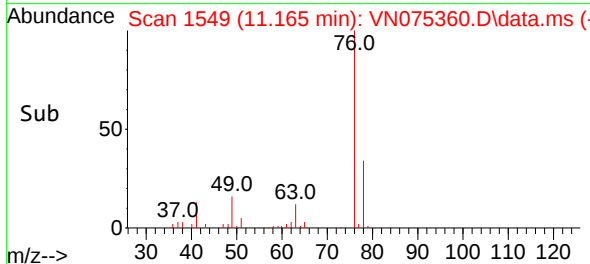
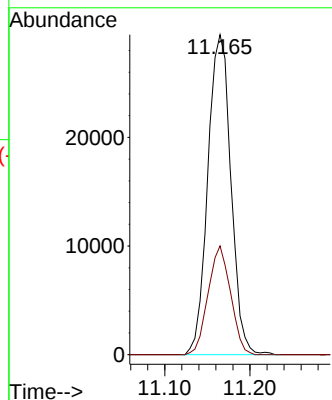
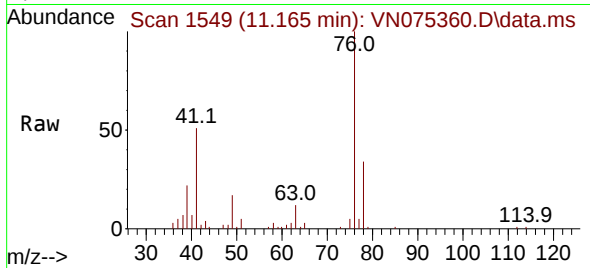
#57
1,3-Dichloropropane
Concen: 19.932 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 76 Resp: 55400
Ion Ratio Lower Upper
76 100
78 33.0 25.8 38.6

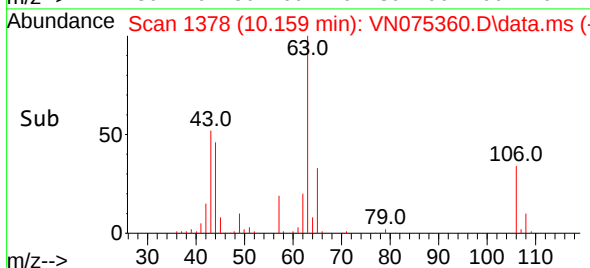
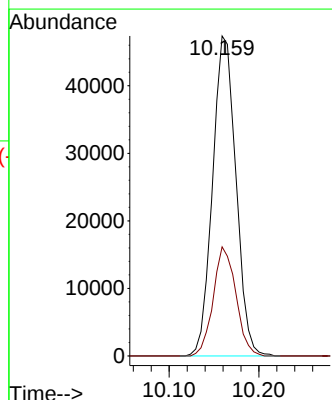
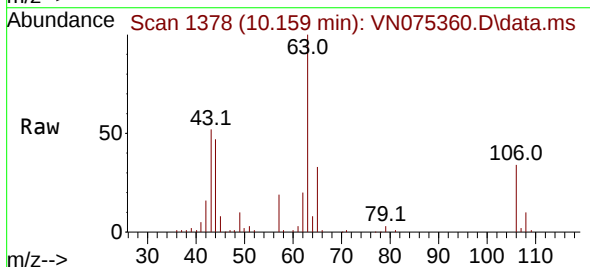
Manual Integrations
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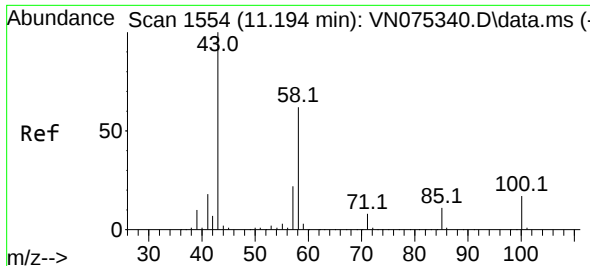
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#58
2-Chloroethyl Vinyl ether
Concen: 103.181 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

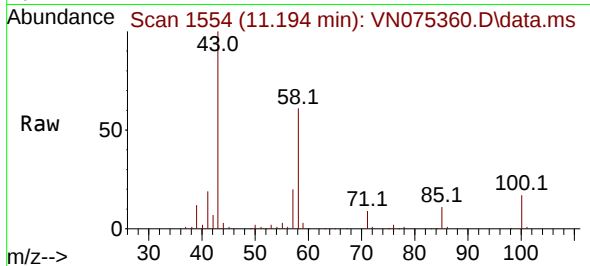
Tgt Ion: 63 Resp: 85666
Ion Ratio Lower Upper
63 100
106 33.2 24.8 37.2





#59
2-Hexanone
Concen: 101.743 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

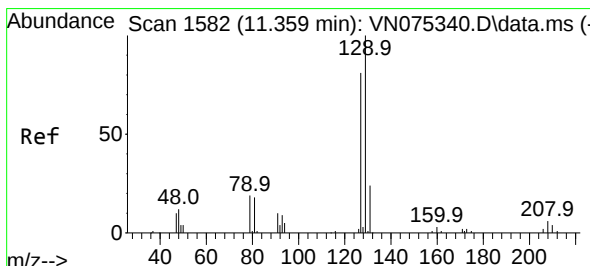
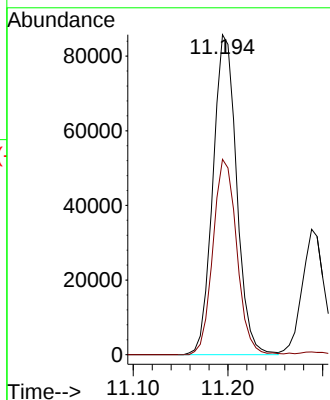
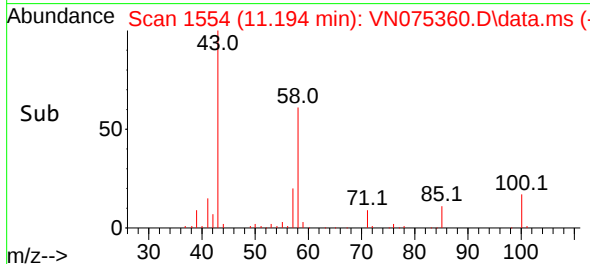
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



Tgt Ion: 43 Resp: 149180
Ion Ratio Lower Upper
43 100
58 61.4 29.6 88.8

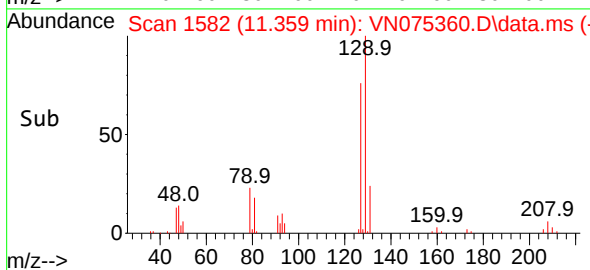
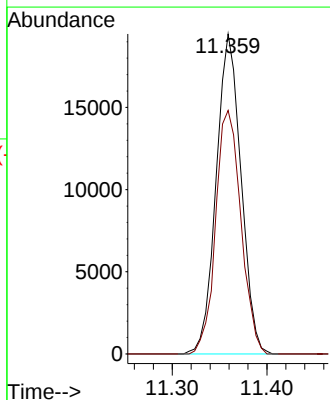
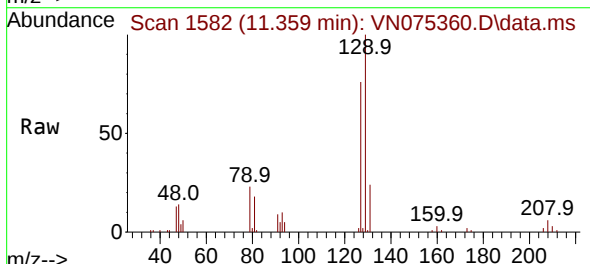
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#60
Dibromochloromethane
Concen: 20.266 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion:129 Resp: 35459
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





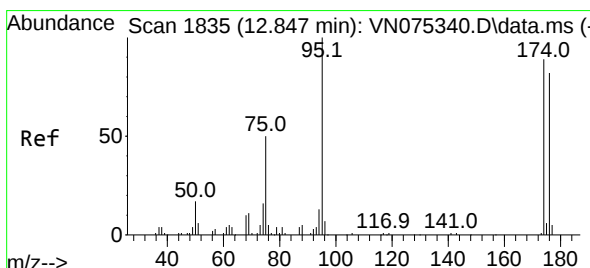
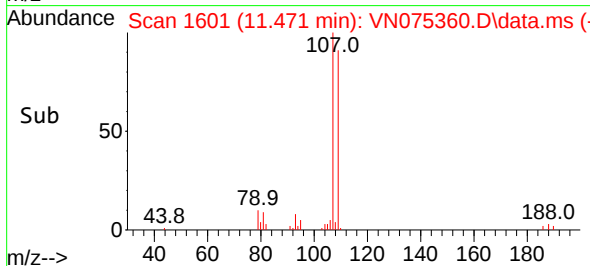
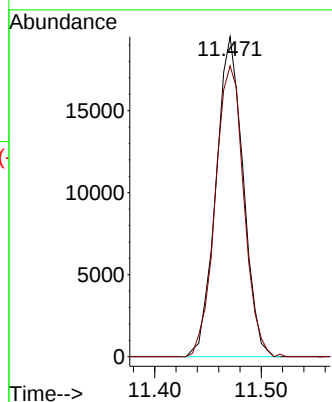
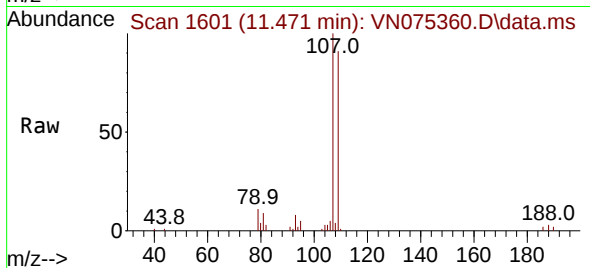
#61
1,2-Dibromoethane
Concen: 19.545 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion:107 Resp: 3458
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4

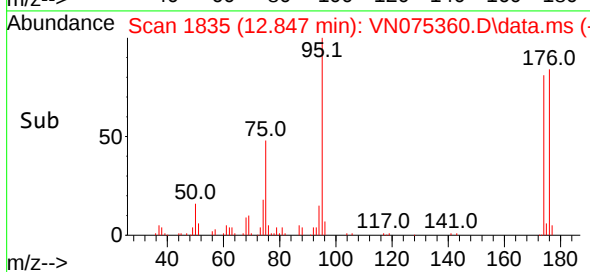
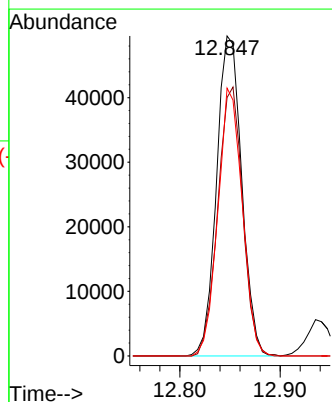
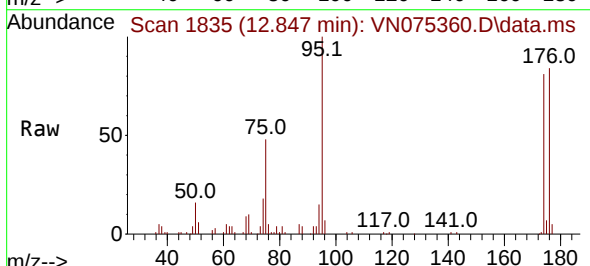
Manual Integrations
APPROVED

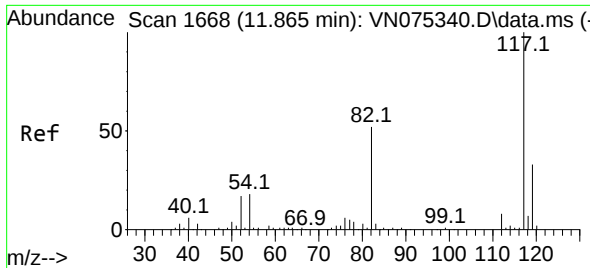
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#62
4-Bromofluorobenzene
Concen: 53.363 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

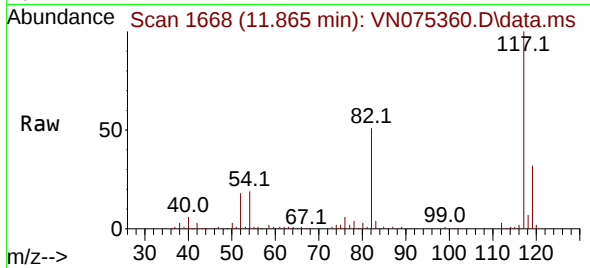
Tgt Ion: 95 Resp: 86292
Ion Ratio Lower Upper
95 100
174 83.0 0.0 147.4
176 81.1 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

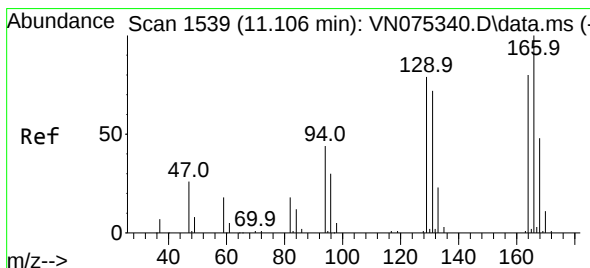
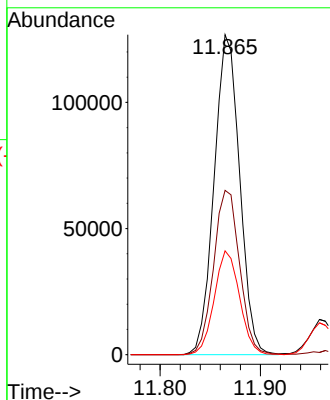
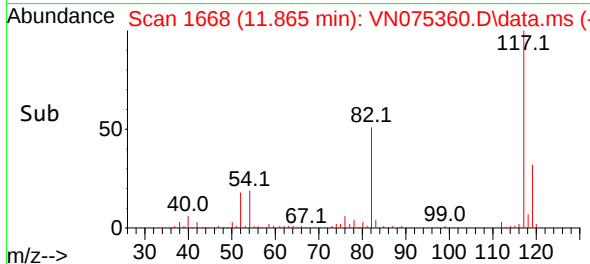
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



Tgt Ion:117 Resp: 223950
Ion Ratio Lower Upper
117 100
82 51.4 43.1 64.7
119 32.5 25.5 38.3

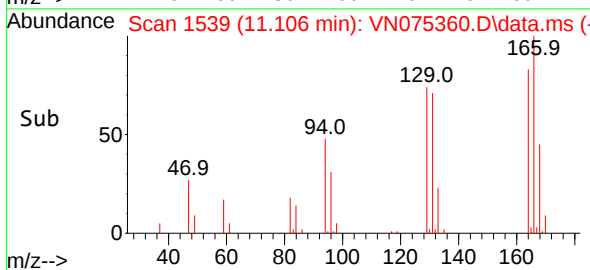
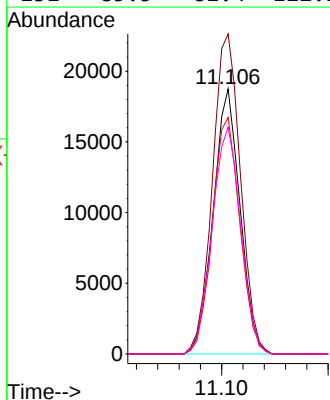
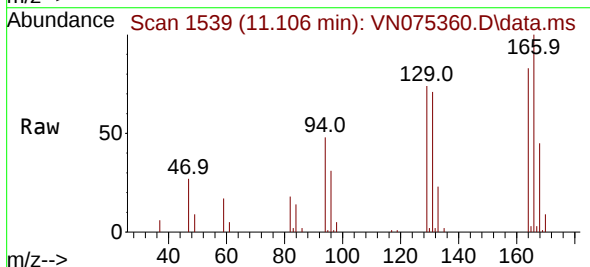
Manual Integrations
APPROVED

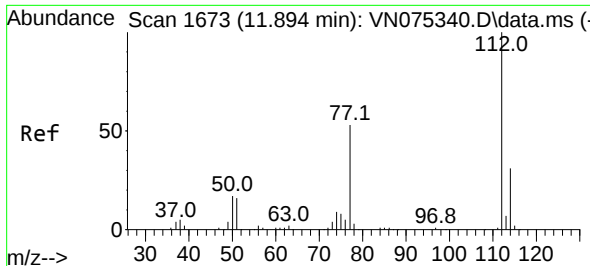
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#64
Tetrachloroethene
Concen: 19.185 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

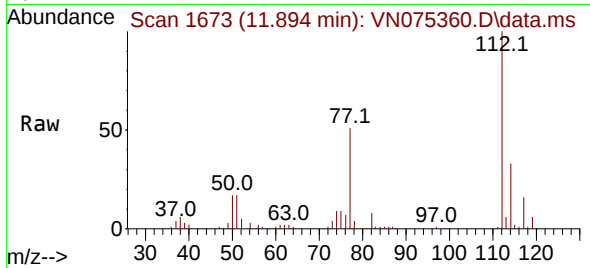
Tgt Ion:164 Resp: 32810
Ion Ratio Lower Upper
164 100
166 120.7 106.5 159.7
129 89.2 81.9 122.9
131 85.5 81.4 122.2





#65
Chlorobenzene
Concen: 19.632 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

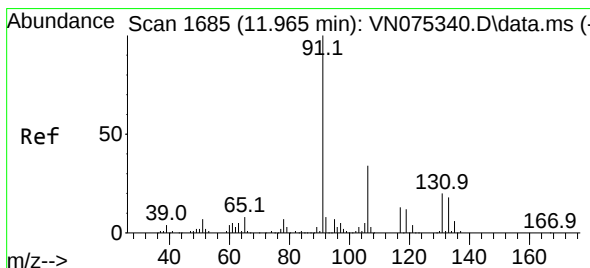
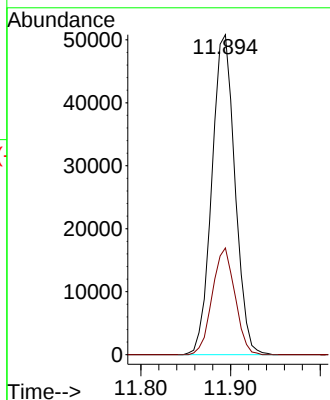
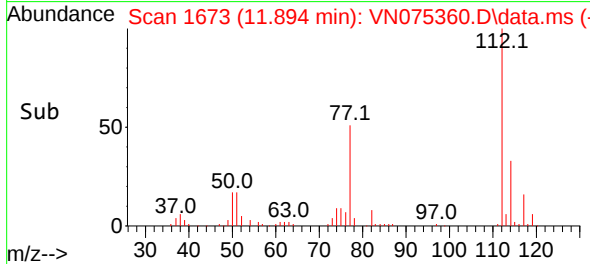
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



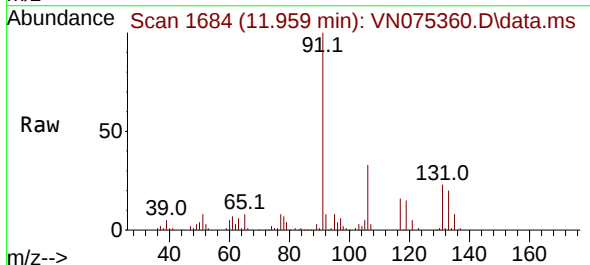
Tgt Ion:112 Resp: 9079
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.2

Manual Integrations
APPROVED

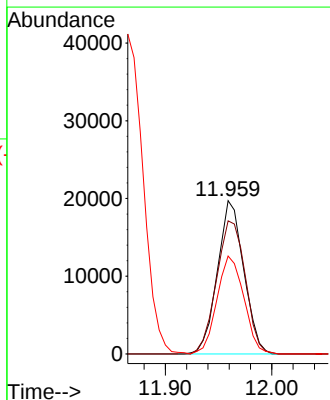
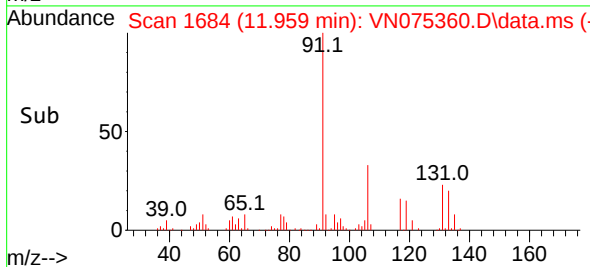
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

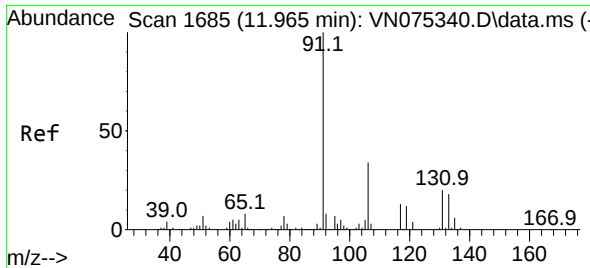


#66
1,1,1,2-Tetrachloroethane
Concen: 19.604 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09



Tgt Ion:131 Resp: 33839
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.4
119 65.1 33.0 99.0





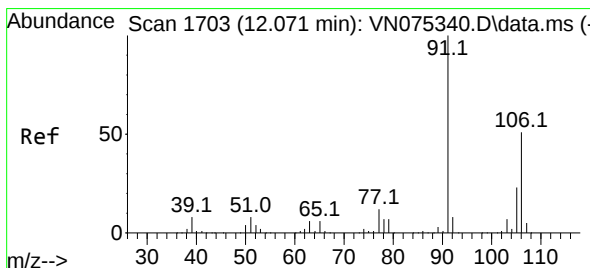
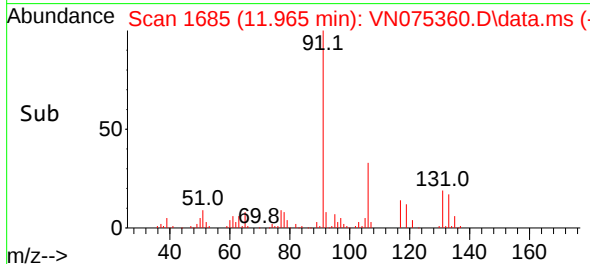
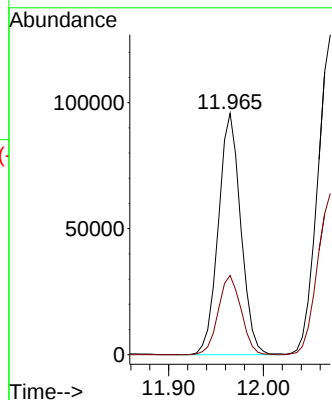
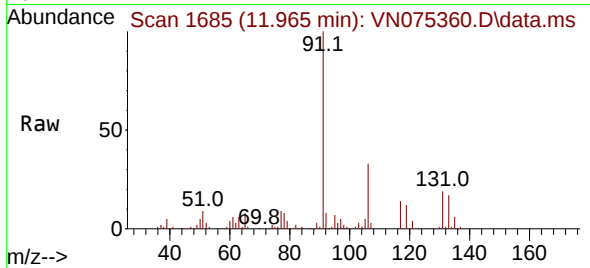
#67
Ethyl Benzene
Concen: 19.979 ug/l
RT: 11.965 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 91 Resp: 157640
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

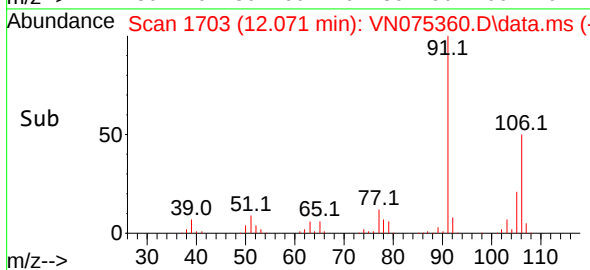
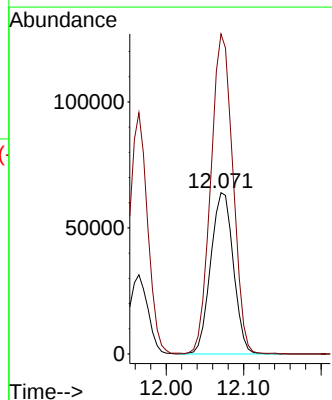
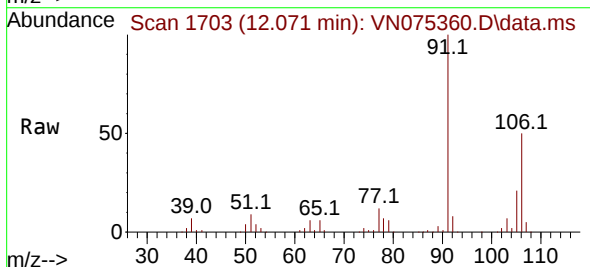
Manual Integrations
APPROVED

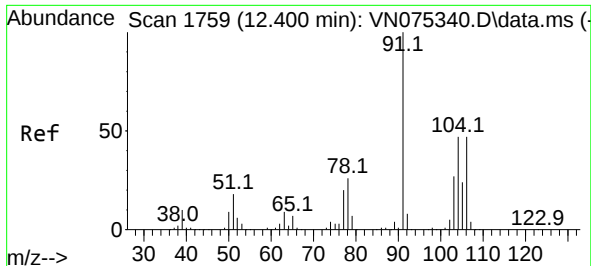
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#68
m/p-Xylenes
Concen: 40.589 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion:106 Resp: 130057
Ion Ratio Lower Upper
106 100
91 194.0 156.0 234.0





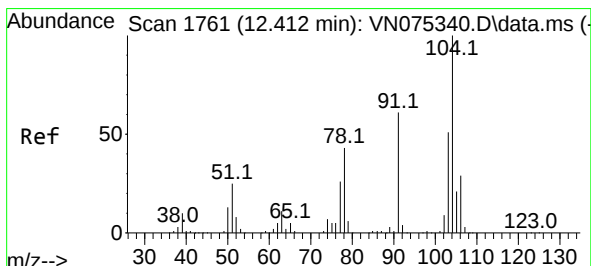
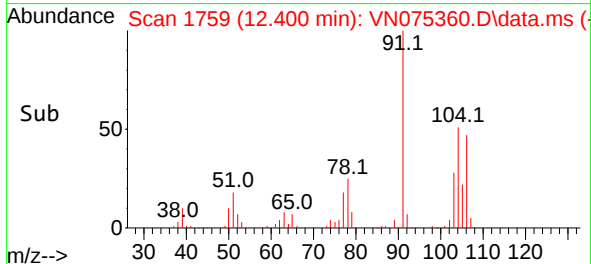
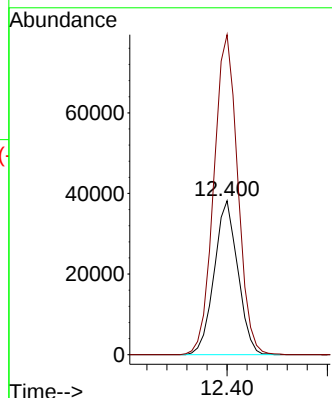
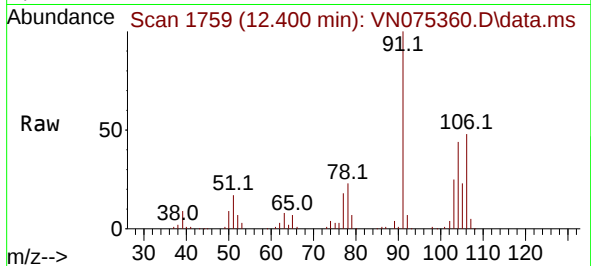
#69
o-Xylene
Concen: 19.612 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion:106 Resp: 62438
Ion Ratio Lower Upper
106 100
91 210.6 105.2 315.5

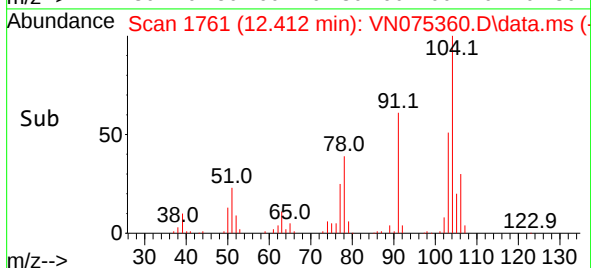
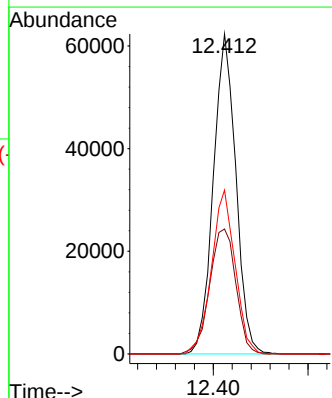
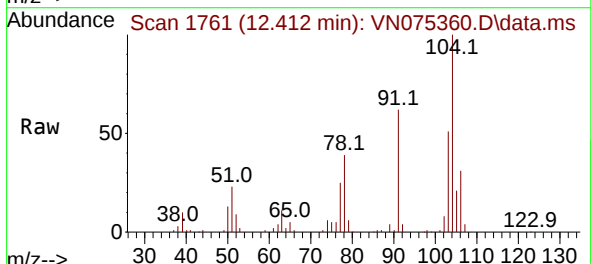
Manual Integrations
APPROVED

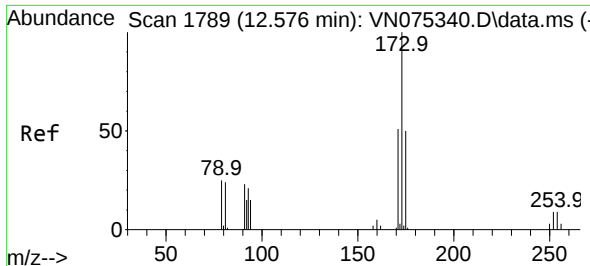
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#70
Styrene
Concen: 20.485 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

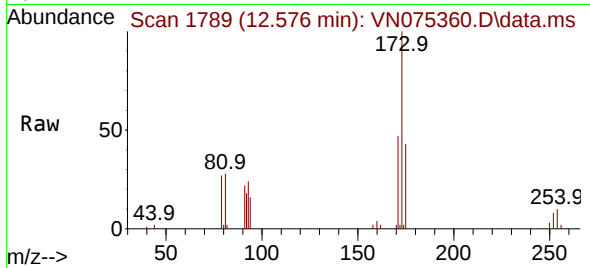
Tgt Ion:104 Resp: 102878
Ion Ratio Lower Upper
104 100
78 45.6 38.1 57.1
103 53.6 44.6 66.8





#71
Bromoform
Concen: 19.974 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

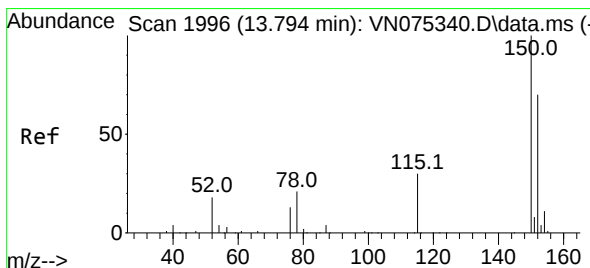
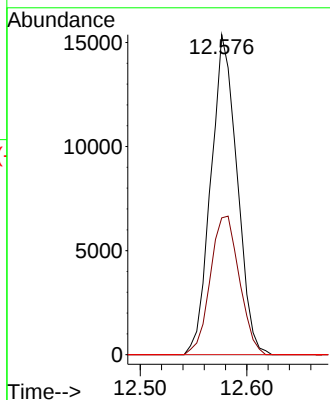
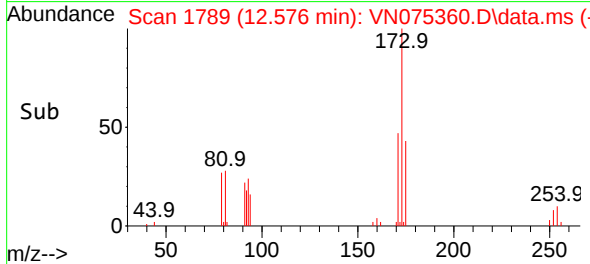
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



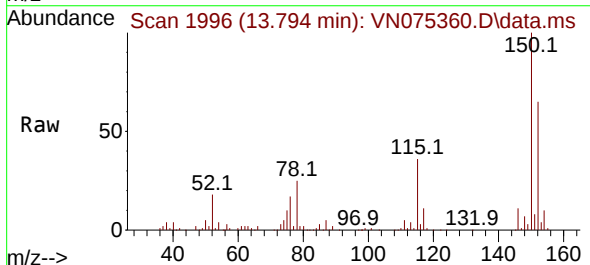
Tgt Ion:173 Resp: 26240
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

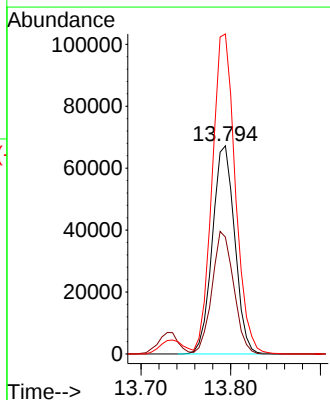
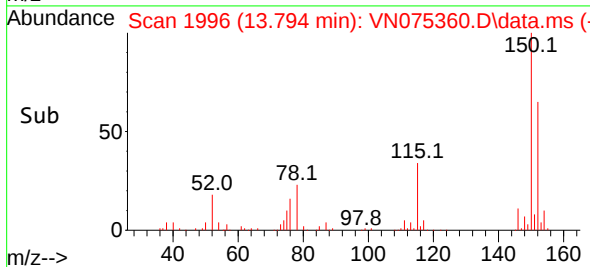
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

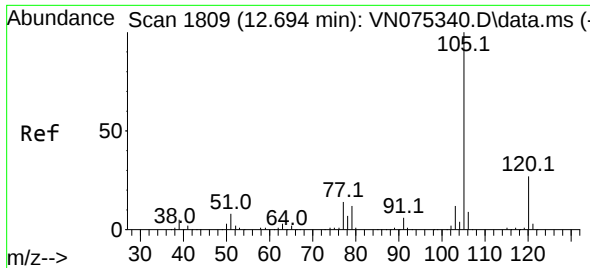


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09



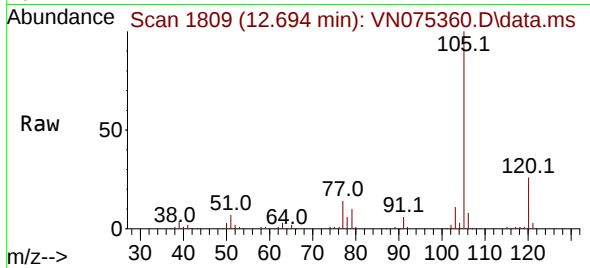
Tgt Ion:152 Resp: 116103
Ion Ratio Lower Upper
152 100
115 57.0 30.2 90.6
150 159.3 0.0 348.4





#73
Isopropylbenzene
Concen: 19.402 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

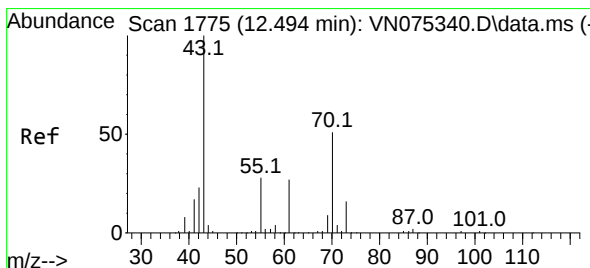
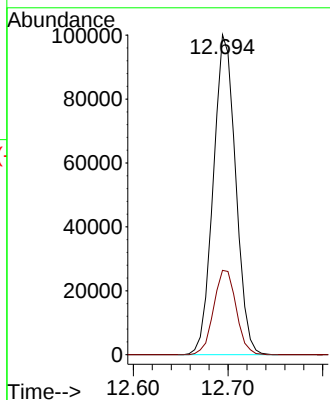
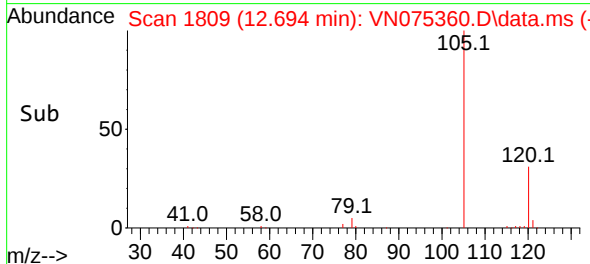
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



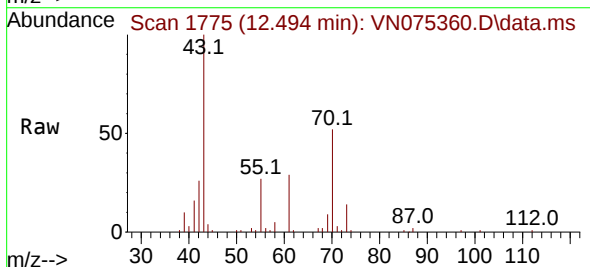
Tgt Ion:105 Resp: 16457
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
APPROVED

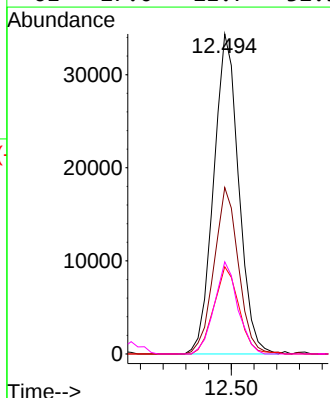
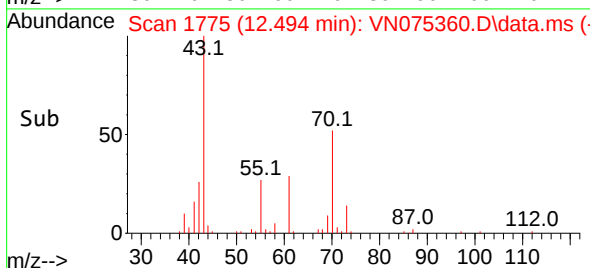
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

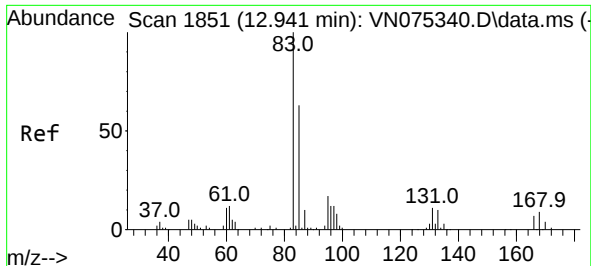


#74
N-ethyl acetate
Concen: 20.183 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09



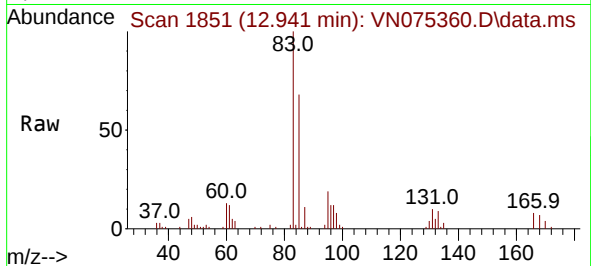
Tgt Ion: 43 Resp: 52633
Ion Ratio Lower Upper
43 100
70 50.9 39.8 59.8
55 27.3 19.9 29.9
61 27.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 19.885 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

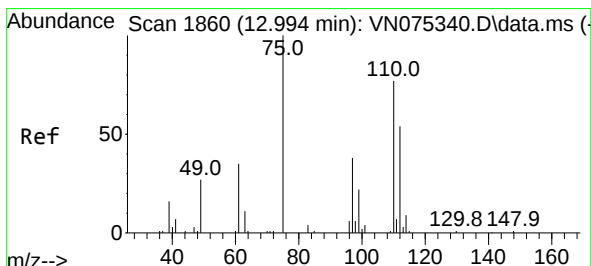
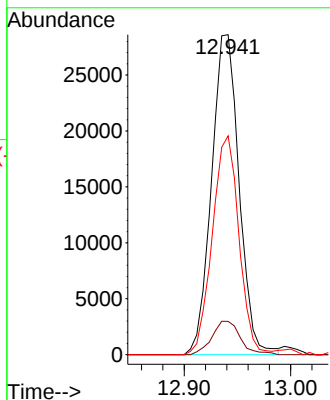
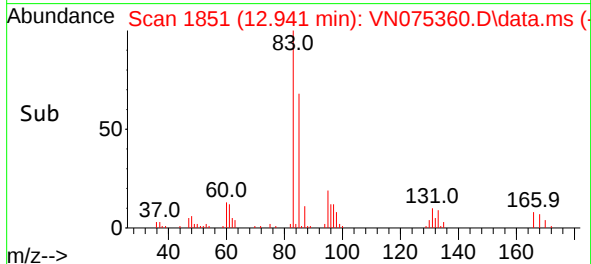
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



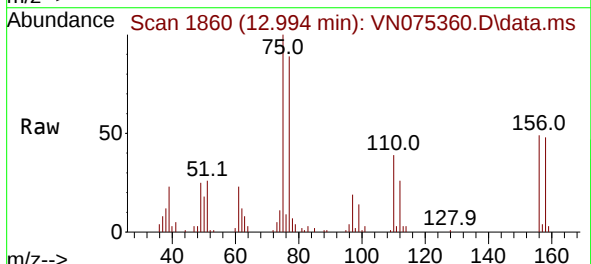
Tgt Ion: 83 Resp: 51425
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 66.0 31.6 94.7

Manual Integrations
APPROVED

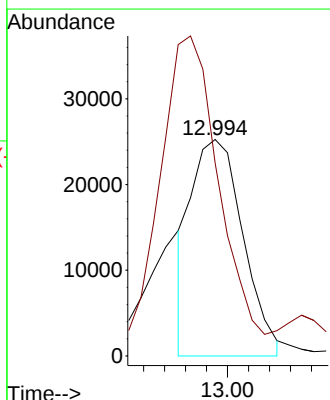
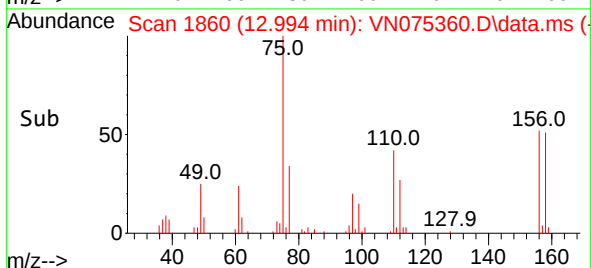
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

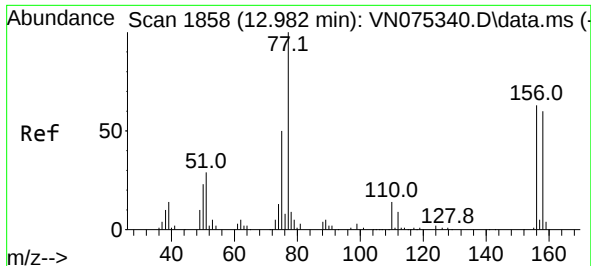


#76
1,2,3-Trichloropropane
Concen: 19.686 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09



Tgt Ion: 75 Resp: 43215
Ion Ratio Lower Upper
75 100
77 172.7 75.6 226.8





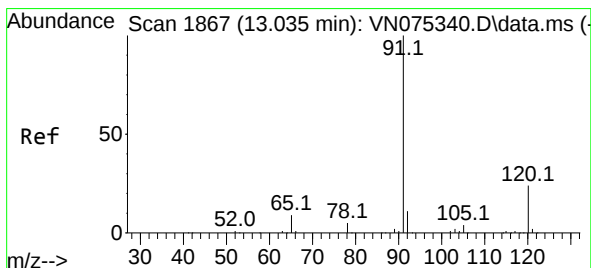
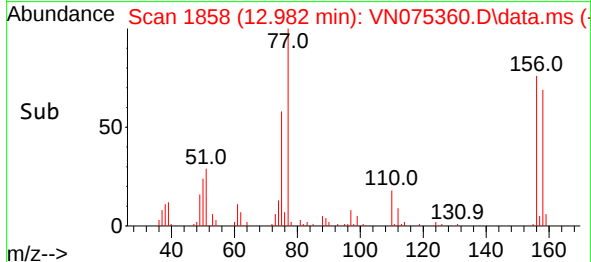
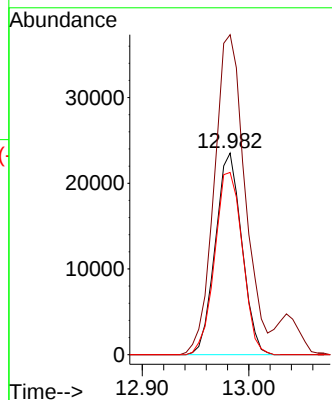
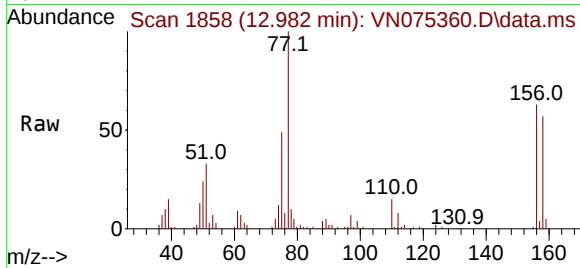
#77
Bromobenzene
Concen: 19.411 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion:156 Resp: 40650
Ion Ratio Lower Upper
156 100
77 183.6 108.5 325.5
158 94.7 47.7 143.1

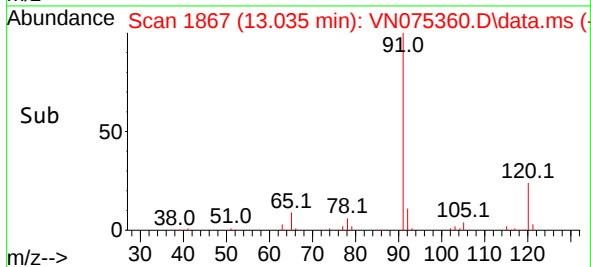
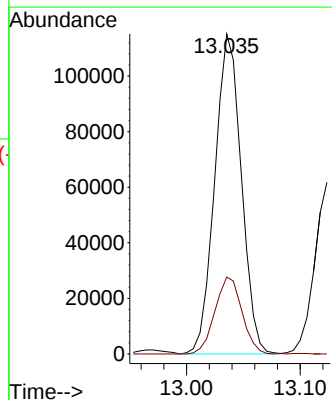
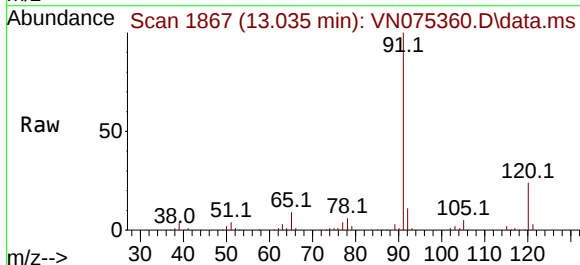
Manual Integrations
APPROVED

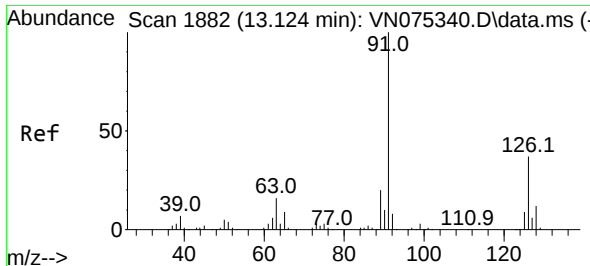
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#78
n-propylbenzene
Concen: 19.758 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion: 91 Resp: 187041
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5





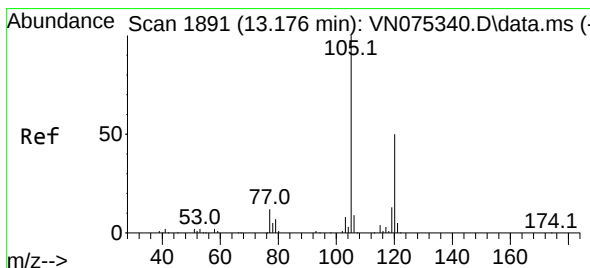
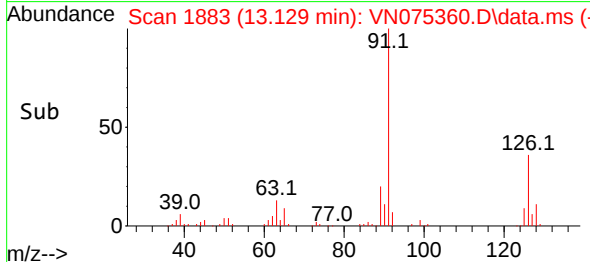
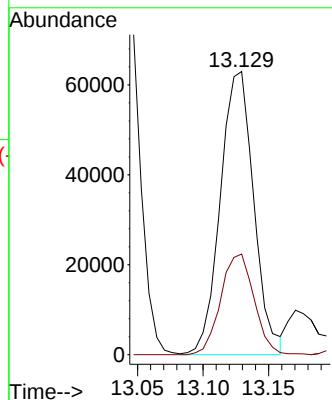
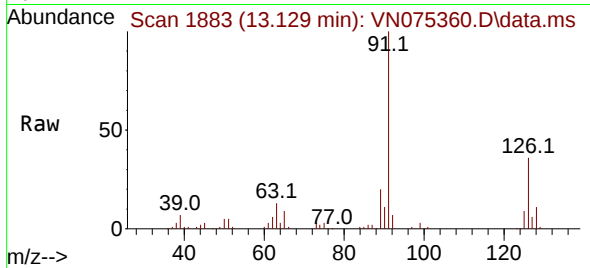
#79
2-Chlorotoluene
Concen: 19.617 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 91 Resp: 111890
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7

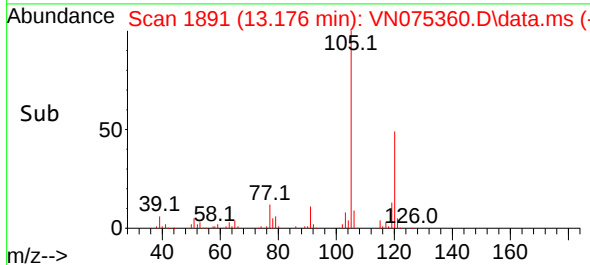
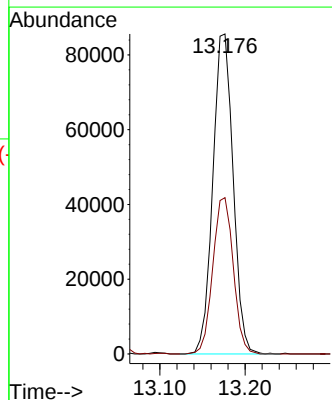
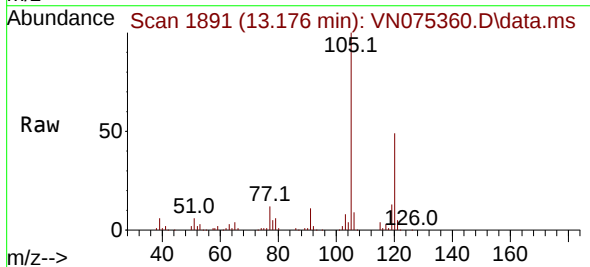
Manual Integrations
APPROVED

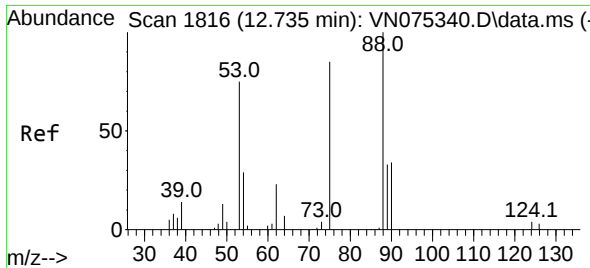
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.079 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion:105 Resp: 141504
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1





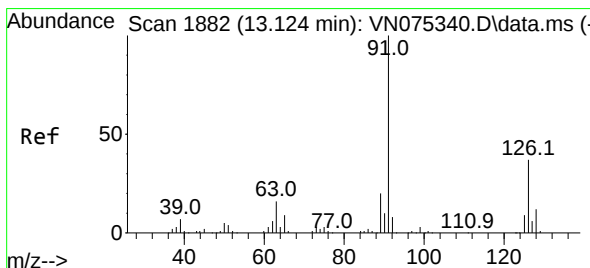
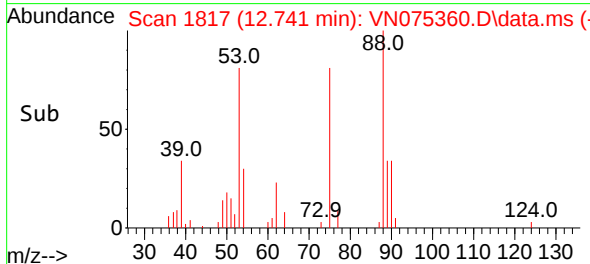
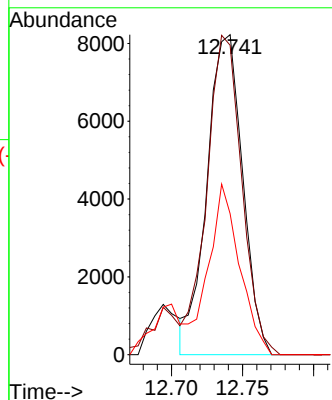
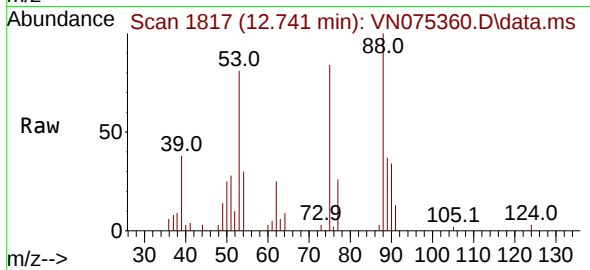
#81
trans-1,4-Dichloro-2-butene
Concen: 19.358 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 75 Resp: 1436
Ion Ratio Lower Upper
75 100
53 98.2 78.5 117.7
89 45.9 37.7 56.5

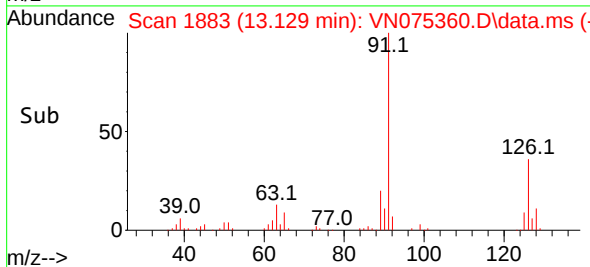
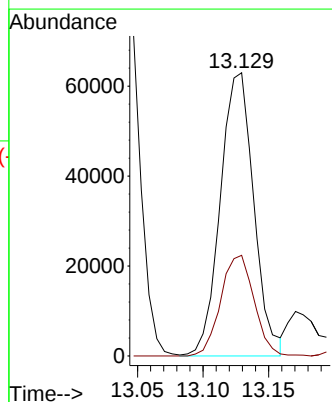
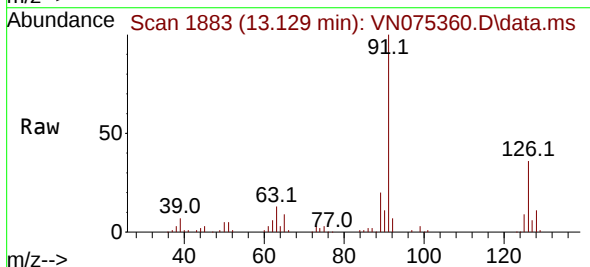
Manual Integrations
APPROVED

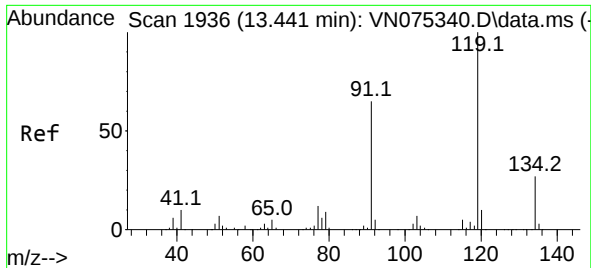
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#82
4-Chlorotoluene
Concen: 19.617 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

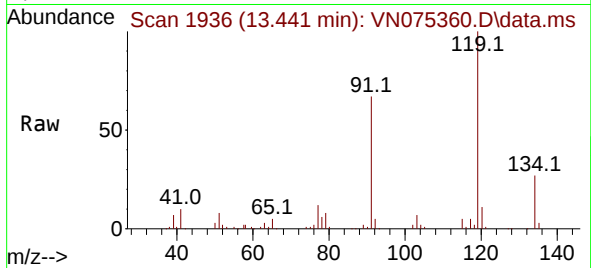
Tgt Ion: 91 Resp: 111890
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7





#83
tert-Butylbenzene
Concen: 18.939 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

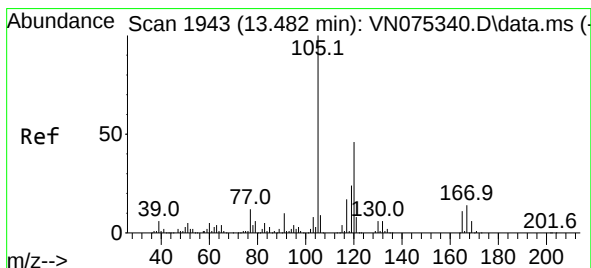
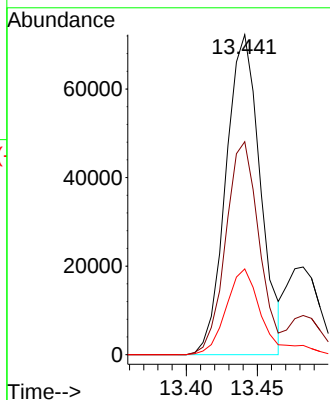
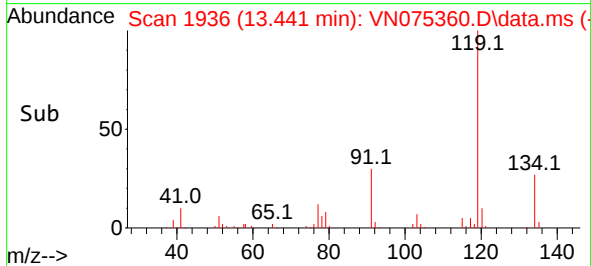
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



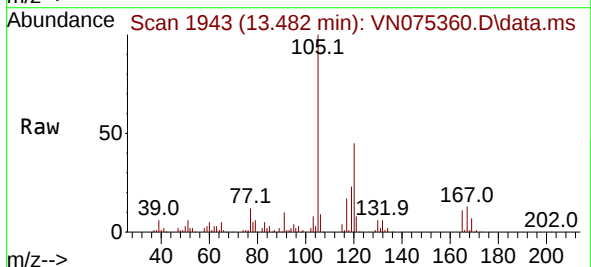
Tgt Ion:119 Resp: 121690
Ion Ratio Lower Upper
119 100
91 66.1 32.8 98.4
134 28.4 12.3 36.9

Manual Integrations
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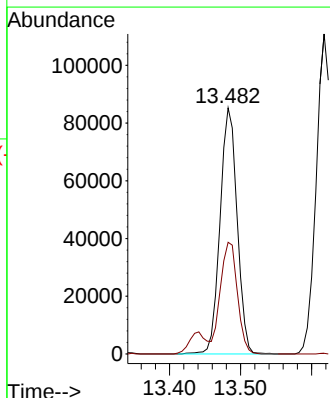
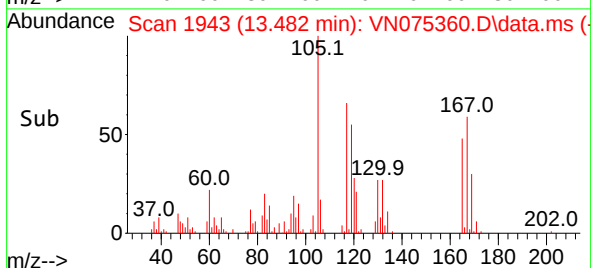
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

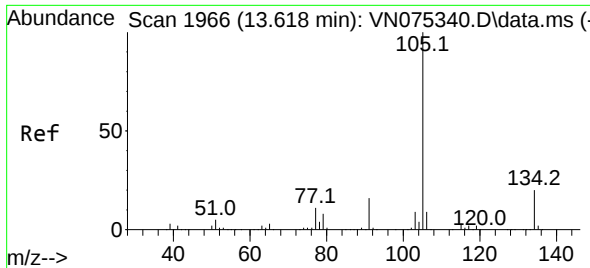


#84
1,2,4-Trimethylbenzene
Concen: 20.067 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09



Tgt Ion:105 Resp: 141851
Ion Ratio Lower Upper
105 100
120 45.0 22.7 68.1





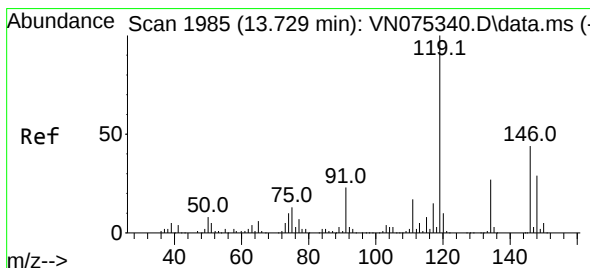
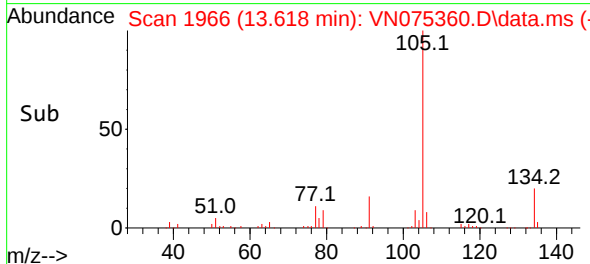
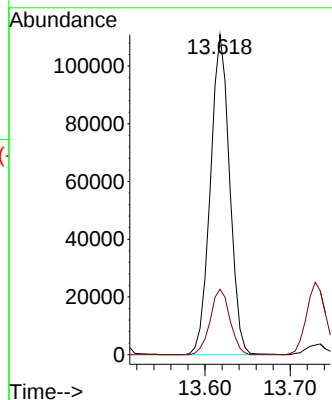
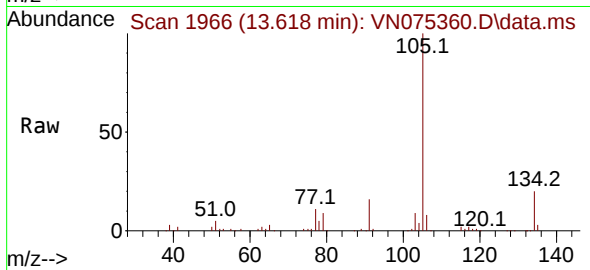
#85
 sec-Butylbenzene
 Concen: 19.919 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075360.D
 Acq: 22 Nov 2022 12:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBSD01

Tgt Ion:105 Resp: 173660
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6

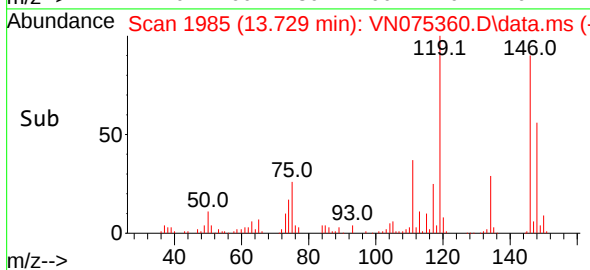
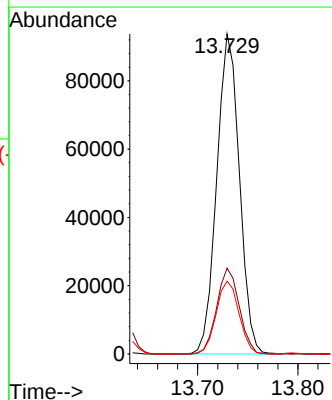
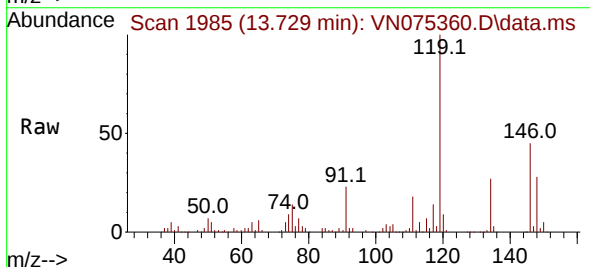
Manual Integrations
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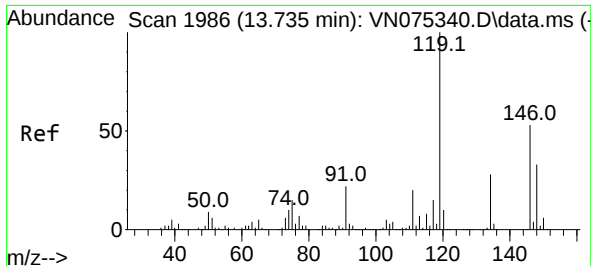
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022



#86
 p-Isopropyltoluene
 Concen: 20.009 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075360.D
 Acq: 22 Nov 2022 12:09

Tgt Ion:119 Resp: 146773
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 22.9 11.9 35.5





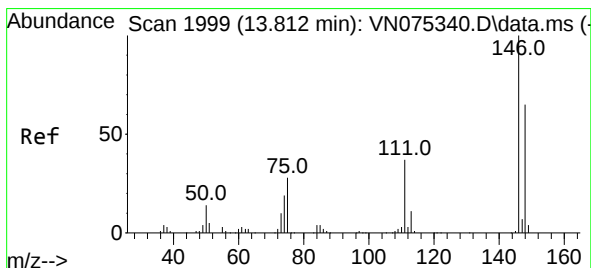
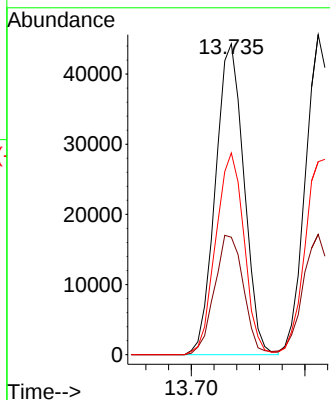
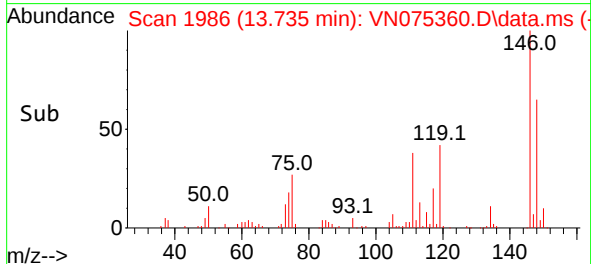
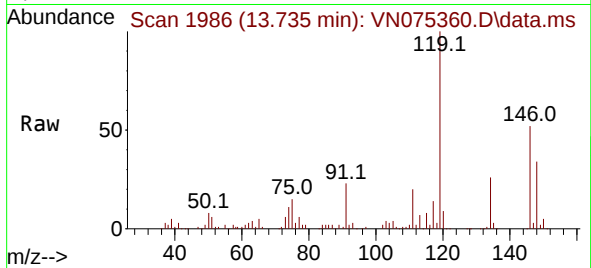
#87
1,3-Dichlorobenzene
Concen: 19.514 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion:146 Resp: 7742
Ion Ratio Lower Upper
146 100
111 39.1 20.8 62.5
148 64.4 31.1 93.5

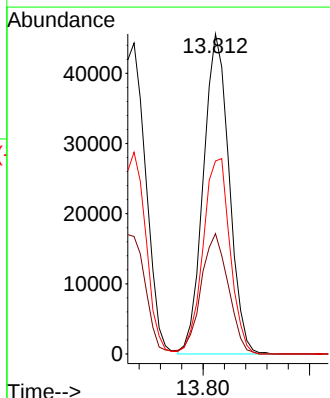
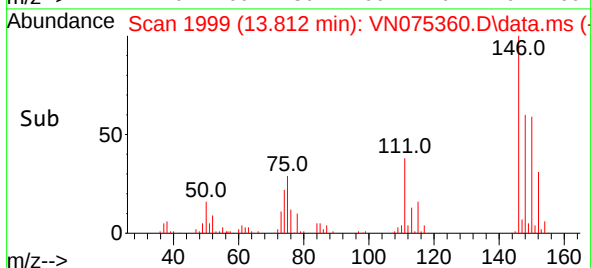
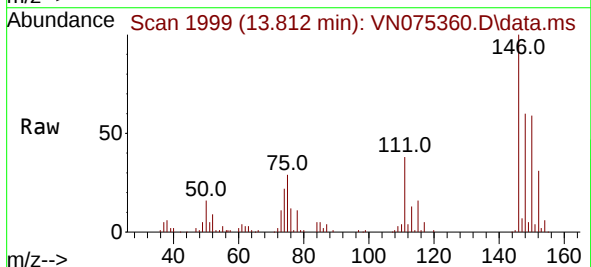
Manual Integrations
APPROVED

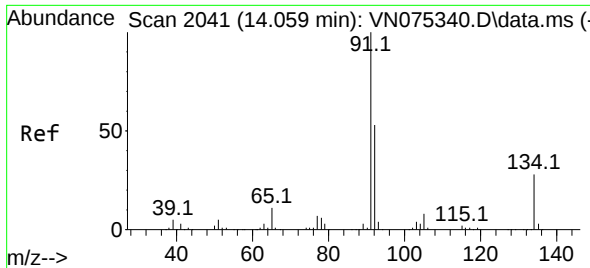
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#88
1,4-Dichlorobenzene
Concen: 19.022 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion:146 Resp: 76667
Ion Ratio Lower Upper
146 100
111 40.0 20.1 60.3
148 64.2 31.9 95.7





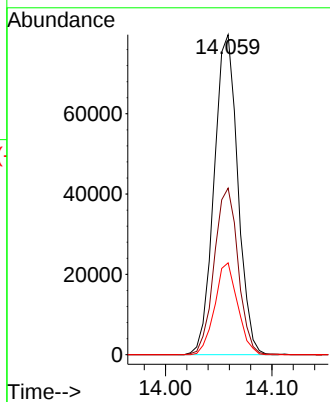
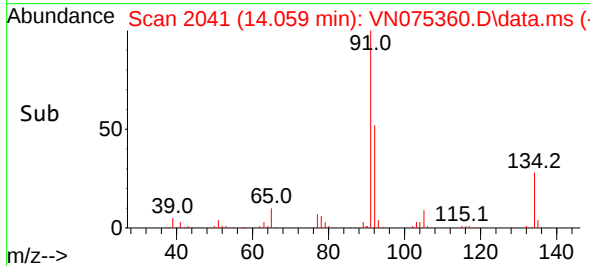
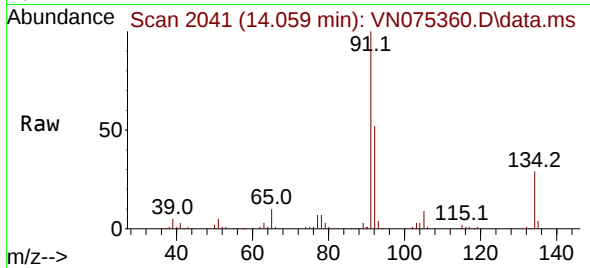
#89
n-Butylbenzene
Concen: 19.837 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 91 Resp: 122899
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.4
134 27.8 13.0 39.0

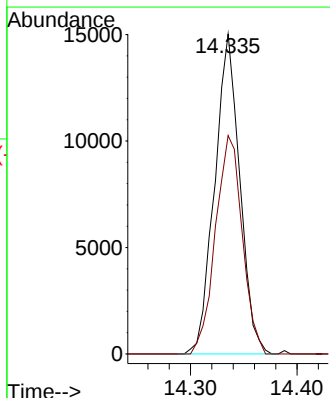
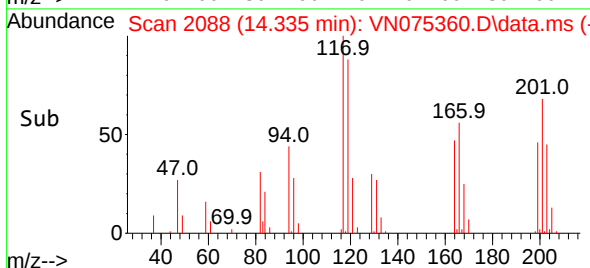
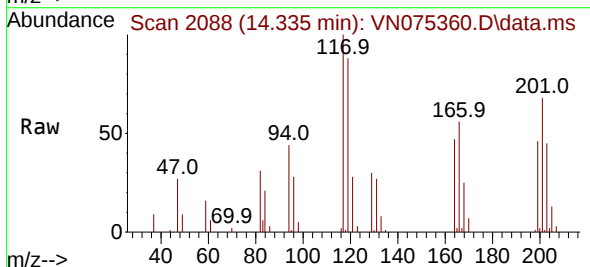
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#90
Hexachloroethane
Concen: 19.423 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion:117 Resp: 24578
Ion Ratio Lower Upper
117 100
201 72.9 31.5 94.5





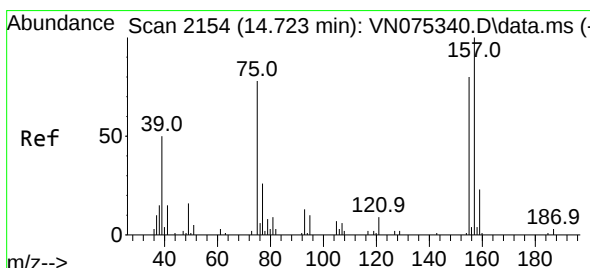
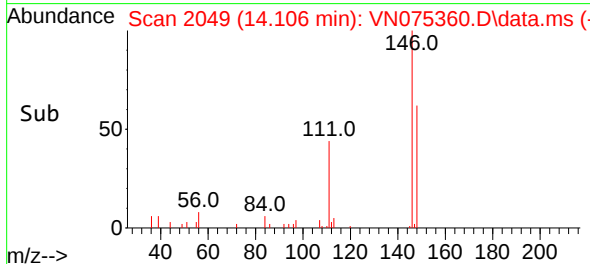
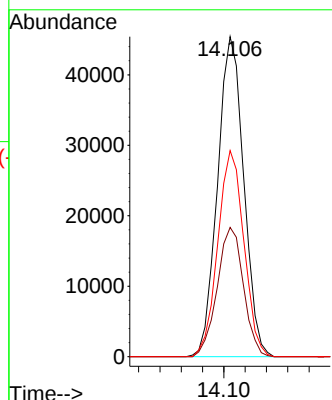
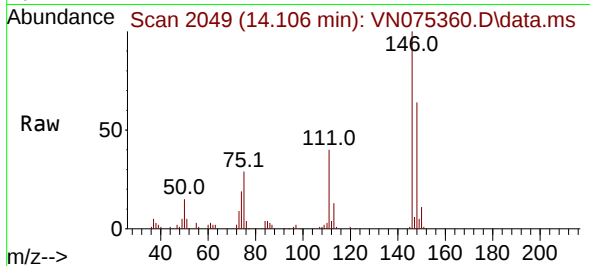
#91
1,2-Dichlorobenzene
Concen: 20.002 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion:146 Resp: 77358
Ion Ratio Lower Upper
146 100
111 40.5 21.3 63.9
148 64.2 31.4 94.2

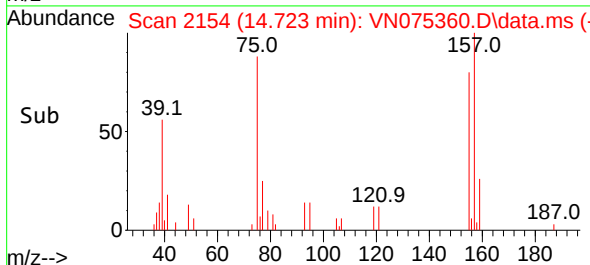
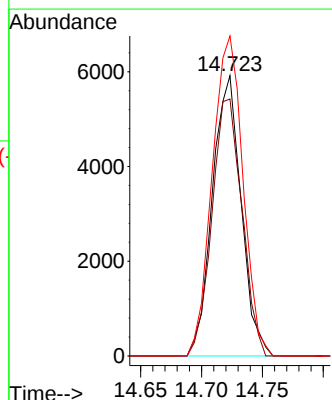
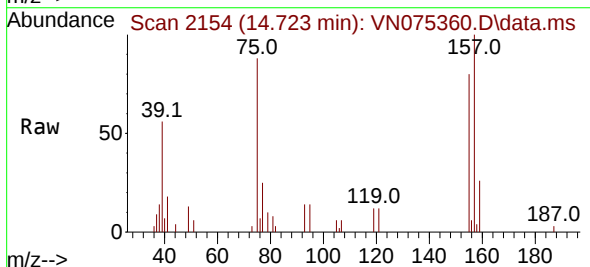
Manual Integrations
APPROVED

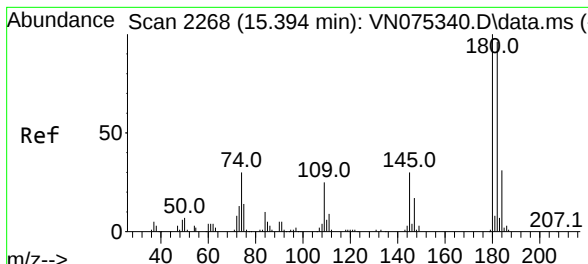
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.872 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

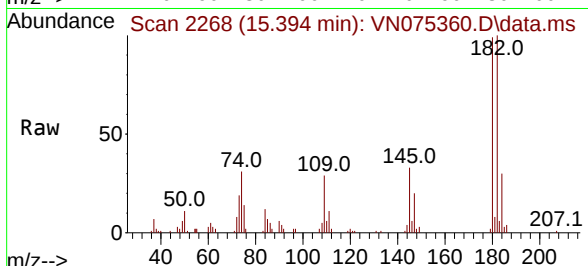
Tgt Ion: 75 Resp: 9735
Ion Ratio Lower Upper
75 100
155 95.5 42.1 126.3
157 121.6 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 18.833 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

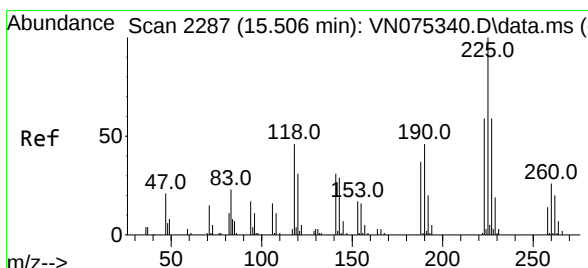
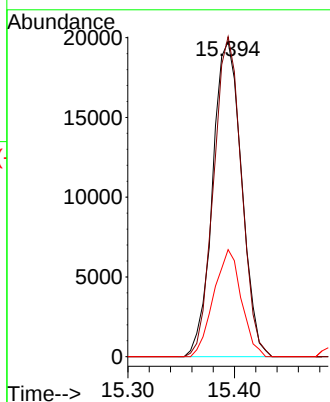
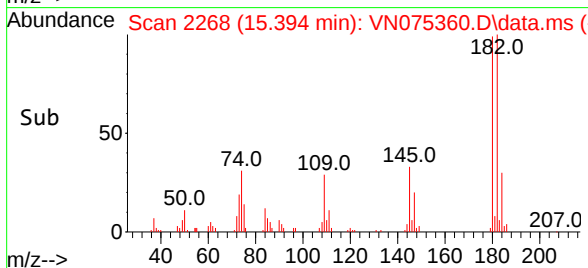
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



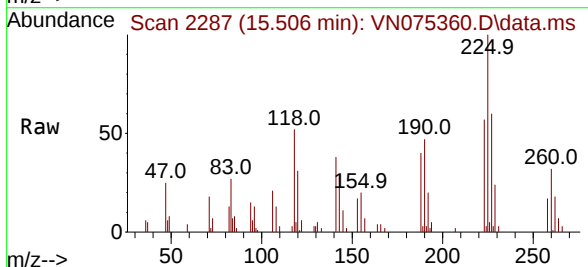
Tgt Ion:180 Resp: 37320
Ion Ratio Lower Upper
180 100
182 97.1 47.8 143.4
145 32.4 16.8 50.3

Manual Integrations
APPROVED

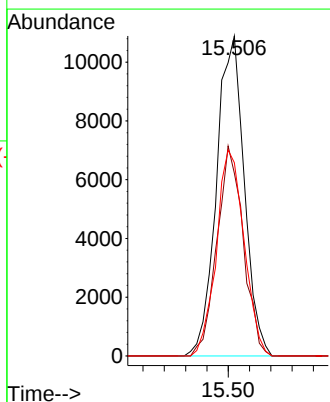
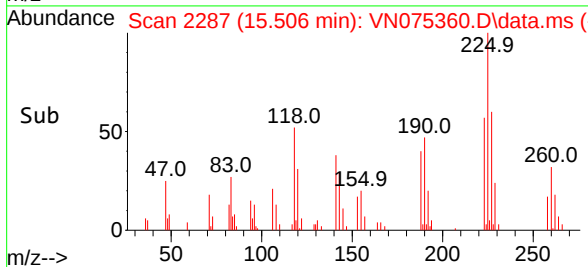
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

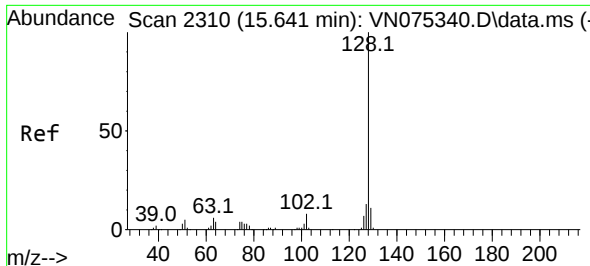


#94
Hexachlorobutadiene
Concen: 19.079 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09



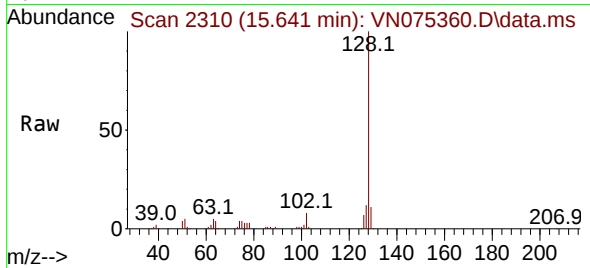
Tgt Ion:225 Resp: 19697
Ion Ratio Lower Upper
225 100
223 62.2 32.3 96.9
227 64.3 32.0 96.2





#95
Naphthalene
Concen: 19.901 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

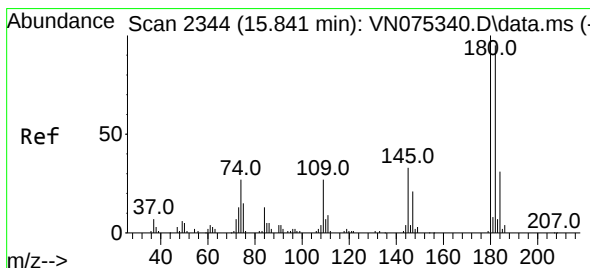
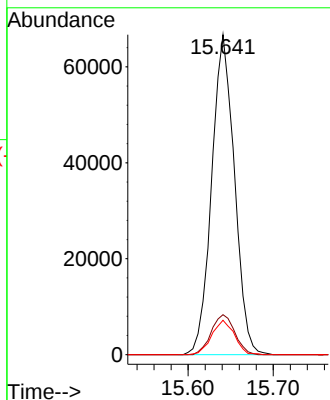
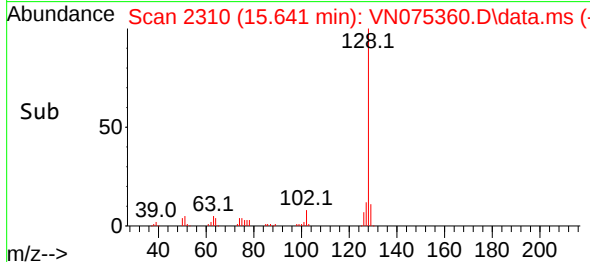
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



Tgt Ion:128 Resp: 12408
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 12.8

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#96
1,2,3-Trichlorobenzene
Concen: 18.982 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075360.D
Acq: 22 Nov 2022 12:09

Tgt Ion:180 Resp: 36976
Ion Ratio Lower Upper
180 100
182 97.1 47.3 141.8
145 33.1 17.6 52.9

