

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075709.D
 Acq On : 12 Dec 2022 13:41
 Operator : JC\MD
 Sample : VN1212MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022

Quant Time: Dec 13 01:32:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	205530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	328406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	298691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	110644	50.737	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.480%			
35) Dibromofluoromethane	8.171	113	99580	49.699	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.400%			
50) Toluene-d8	10.571	98	382834	50.878	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.853	95	131511	51.118	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	28935	19.141	ug/l	99
3) Chloromethane	2.377	50	33566	18.637	ug/l	92
4) Vinyl Chloride	2.524	62	41018	18.541	ug/l	96
5) Bromomethane	2.953	94	35067	18.611	ug/l	90
6) Chloroethane	3.124	64	31618	19.155	ug/l	100
7) Trichlorofluoromethane	3.506	101	62519	19.477	ug/l	98
8) Diethyl Ether	3.971	74	23764	20.251	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	36308	19.274	ug/l	99
10) Methyl Iodide	4.595	142	59566	19.350	ug/l	99
11) Tert butyl alcohol	5.536	59	30151	93.459	ug/l	99
12) 1,1-Dichloroethene	4.353	96	34873	19.806	ug/l	97
13) Acrolein	4.189	56	45773	123.192	ug/l	99
14) Allyl chloride	5.030	41	43851	19.999	ug/l	93
15) Acrylonitrile	5.730	53	83933	100.722	ug/l	100
16) Acetone	4.436	43	74474	100.843	ug/l	96
17) Carbon Disulfide	4.724	76	87863	18.859	ug/l	98
18) Methyl Acetate	5.042	43	43605	18.375	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	122413	20.668	ug/l	99
20) Methylene Chloride	5.294	84	42144	19.142	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	38671	19.653	ug/l	92
22) Diisopropyl ether	6.683	45	105942	21.236	ug/l	98
23) Vinyl Acetate	6.612	43	396504m	104.229	ug/l	
24) 1,1-Dichloroethane	6.583	63	65507	19.948	ug/l	99
25) 2-Butanone	7.494	43	105814	98.012	ug/l	93
26) 2,2-Dichloropropane	7.500	77	56138	20.044	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	47374	19.832	ug/l	99
28) Bromochloromethane	7.818	49	25636	19.525	ug/l	99
29) Tetrahydrofuran	7.847	42	67091	100.823	ug/l	99
30) Chloroform	7.971	83	73674	20.255	ug/l	97
31) Cyclohexane	8.259	56	59785	18.516	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	67601	20.144	ug/l	98
36) 1,1-Dichloropropene	8.377	75	52652	19.790	ug/l	98
37) Ethyl Acetate	7.565	43	41481	19.419	ug/l	99
38) Carbon Tetrachloride	8.365	117	61902	20.163	ug/l	99
39) Methylcyclohexane	9.606	83	69734	20.670	ug/l	96
40) Benzene	8.612	78	167551	20.521	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	22519	20.559	ug/l	98
42) 1,2-Dichloroethane	8.677	62	53453	19.570	ug/l	99
43) Isopropyl Acetate	8.694	43	72583	20.353	ug/l	99
44) Trichloroethene	9.359	130	46193	20.054	ug/l	97
45) 1,2-Dichloropropane	9.624	63	39344	20.260	ug/l	98
46) Dibromomethane	9.712	93	31195	21.396	ug/l	96
47) Bromodichloromethane	9.888	83	59593	20.847	ug/l	94
48) Methyl methacrylate	9.682	41	33683	20.508	ug/l	99
49) 1,4-Dioxane	9.700	88	16319	408.739	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	221278	100.629	ug/l	100
52) Toluene	10.629	92	108610	20.125	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	59202	20.969	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	64945	20.676	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	44115	20.790	ug/l	97
56) Ethyl methacrylate	10.876	69	57813	20.107	ug/l	98
57) 1,3-Dichloropropane	11.165	76	71371	20.809	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	81114	95.548	ug/l	99
59) 2-Hexanone	11.200	43	162930	101.986	ug/l	100
60) Dibromochloromethane	11.359	129	48713	20.862	ug/l	99
61) 1,2-Dibromoethane	11.471	107	44332	19.941	ug/l	98
64) Tetrachloroethene	11.106	164	41207	18.940	ug/l	95
65) Chlorobenzene	11.894	112	120043	19.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	44639	19.964	ug/l	97
67) Ethyl Benzene	11.965	91	207004	19.911	ug/l	99
68) m/p-Xylenes	12.076	106	171277	40.772	ug/l	99
69) o-Xylene	12.400	106	84346	20.691	ug/l	99
70) Styrene	12.412	104	135685	20.753	ug/l	99
71) Bromoform	12.582	173	35221	20.781	ug/l #	100
73) Isopropylbenzene	12.700	105	216411	19.661	ug/l	100
74) N-amyl acetate	12.500	43	62193	19.446	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	61240	18.521	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	53995m	17.538	ug/l	
77) Bromobenzene	12.982	156	53883	19.466	ug/l	98
78) n-propylbenzene	13.041	91	244463	20.014	ug/l	100
79) 2-Chlorotoluene	13.129	91	146500	19.428	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	183859	19.979	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16072	18.781	ug/l #	85
82) 4-Chlorotoluene	13.129	91	146500	19.428	ug/l	100
83) tert-Butylbenzene	13.441	119	168213	20.156	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	186434	20.157	ug/l	100
85) sec-Butylbenzene	13.617	105	231056	20.139	ug/l	99
86) p-Isopropyltoluene	13.735	119	195629	20.379	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	99638	19.247	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	99348	18.867	ug/l	99
89) n-Butylbenzene	14.059	91	153866	19.998	ug/l	98
90) Hexachloroethane	14.341	117	32604	19.829	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	100577	19.525	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10609	19.526	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	48858	19.755	ug/l	98
94) Hexachlorobutadiene	15.506	225	27561	19.642	ug/l	100
95) Naphthalene	15.647	128	137624	18.828	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	46901	19.300	ug/l	100

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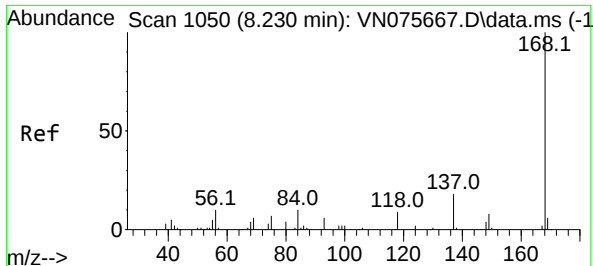
Manual Integrations
APPROVED

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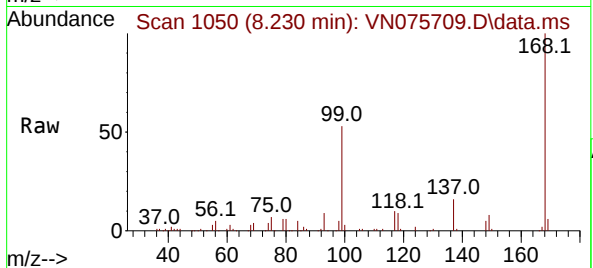
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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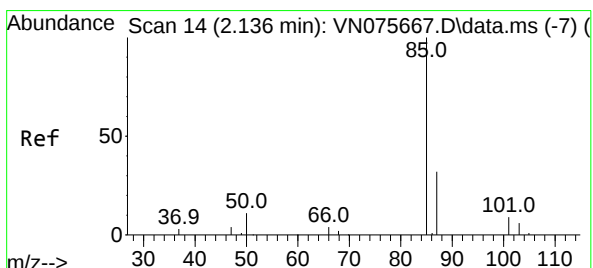
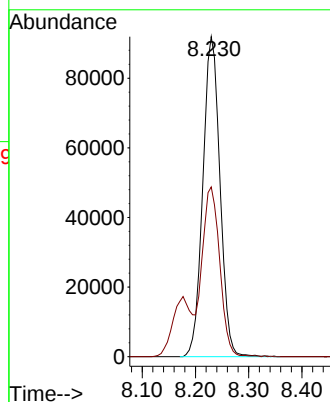
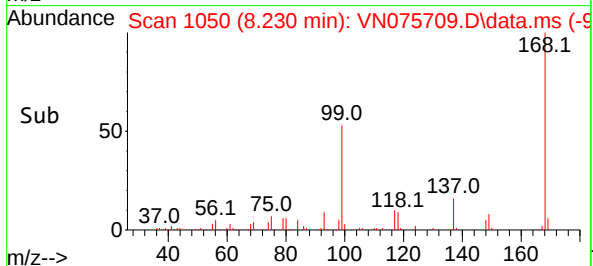
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Tgt Ion:168 Resp: 205530
Ion Ratio Lower Upper
168 100
99 53.1 41.2 61.8

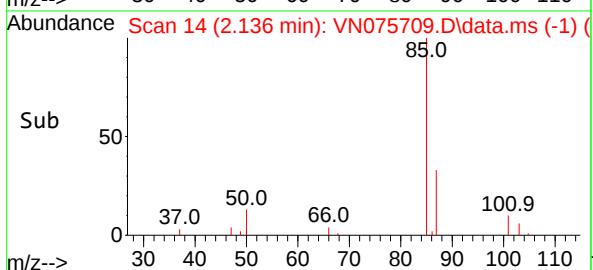
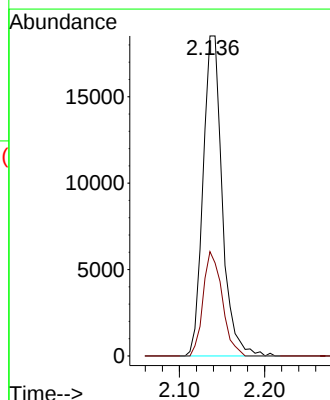
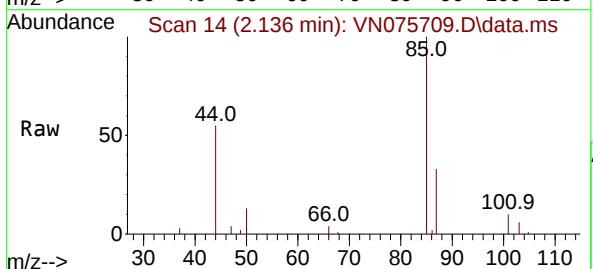
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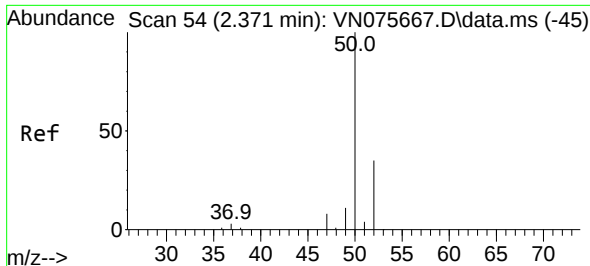
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#2
Dichlorodifluoromethane
Concen: 19.141 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

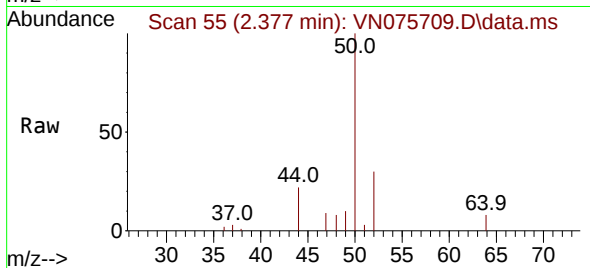
Tgt Ion: 85 Resp: 28935
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2





#3
Chloromethane
Concen: 18.637 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

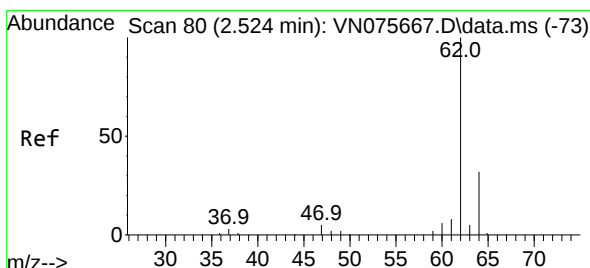
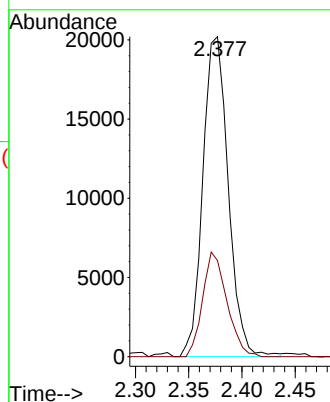
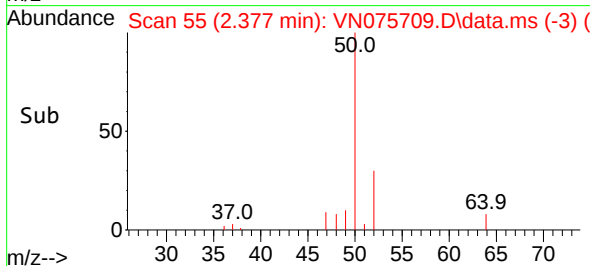
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Tgt Ion: 50 Resp: 3356
Ion Ratio Lower Upper
50 100
52 30.1 27.9 41.9

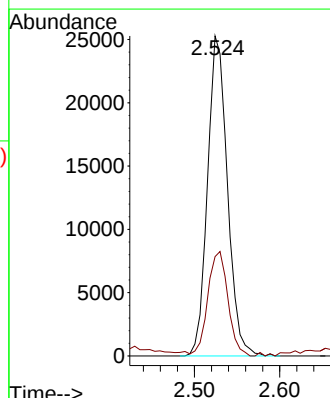
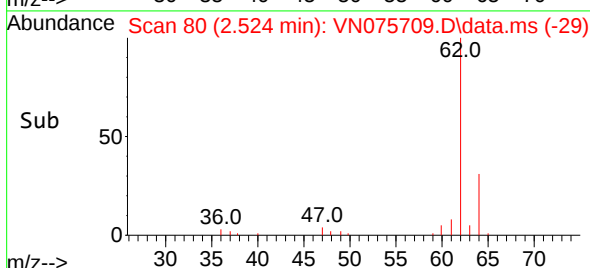
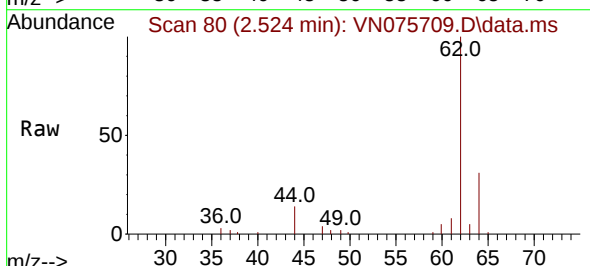
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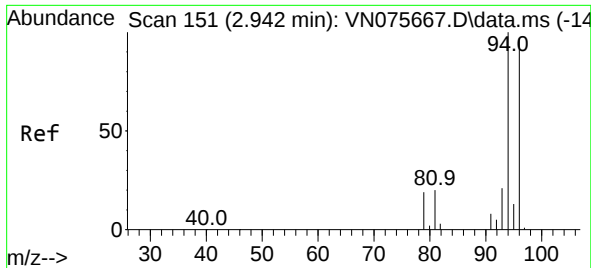
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#4
Vinyl Chloride
Concen: 18.541 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Tgt Ion: 62 Resp: 41018
Ion Ratio Lower Upper
62 100
64 30.1 25.9 38.9





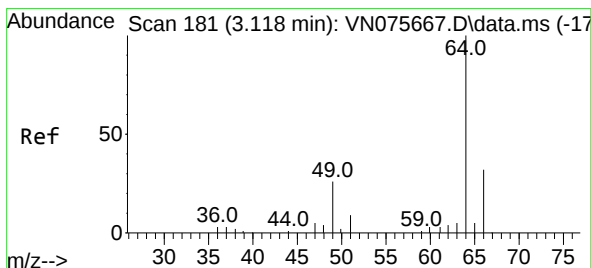
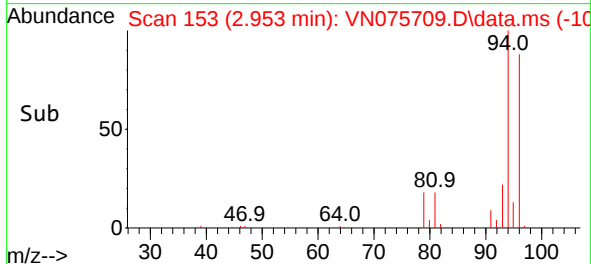
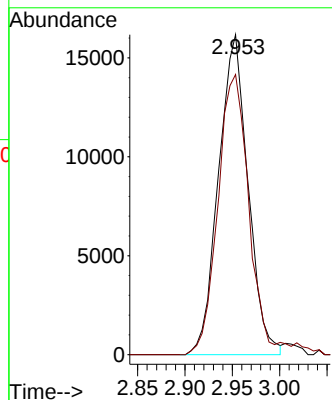
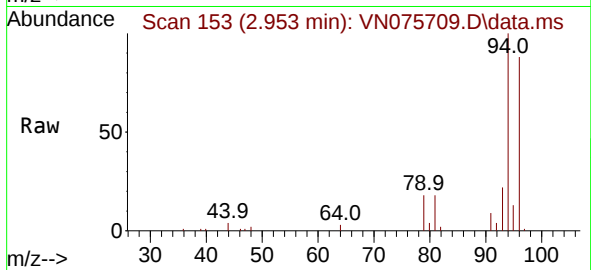
#5
Bromomethane
Concen: 18.611 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN075709.D
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Instrument :
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Tgt Ion: 94 Resp: 3506
Ion Ratio Lower Upper
94 100
96 87.6 77.6 116.4

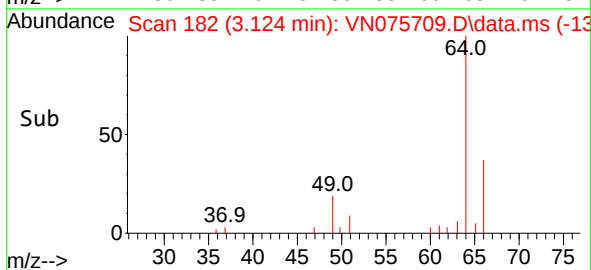
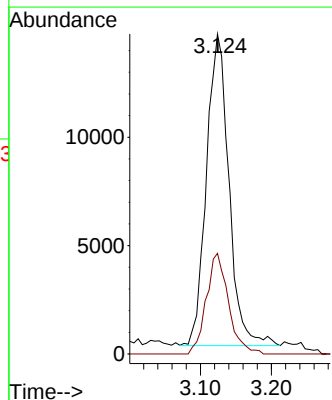
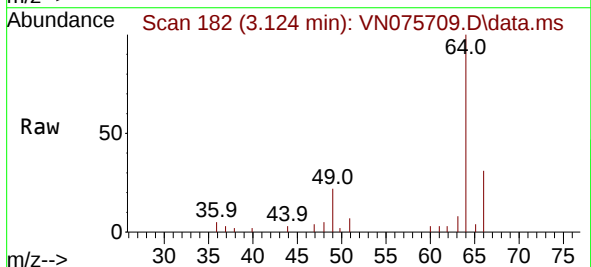
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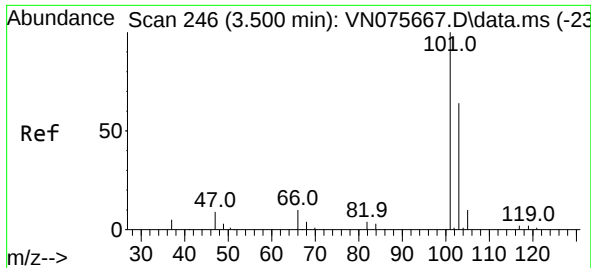
Reviewed By :John Carlone 12/13/2022
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#6
Chloroethane
Concen: 19.155 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075709.D
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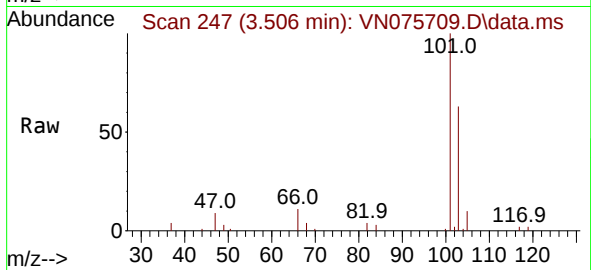
Tgt Ion: 64 Resp: 31618
Ion Ratio Lower Upper
64 100
66 32.3 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 19.477 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075709.D
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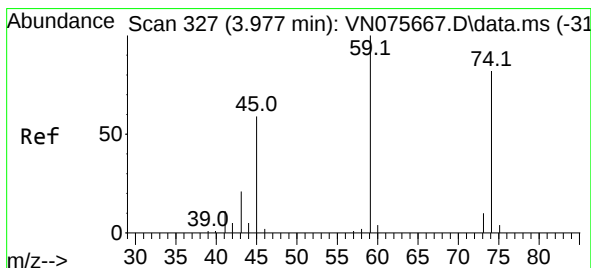
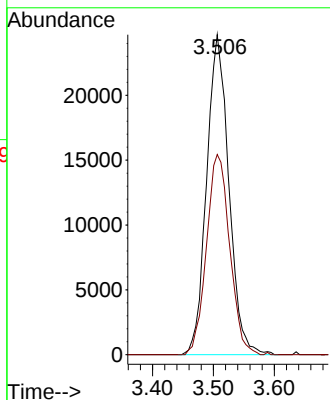
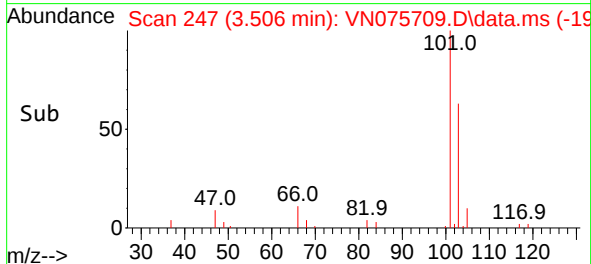
Instrument :
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Tgt Ion:101 Resp: 62519
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.4 77.2

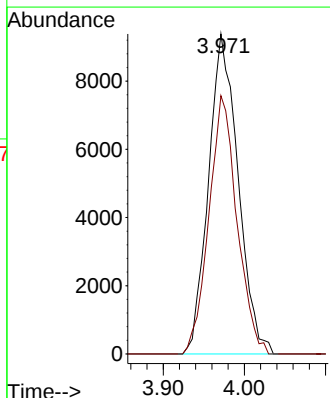
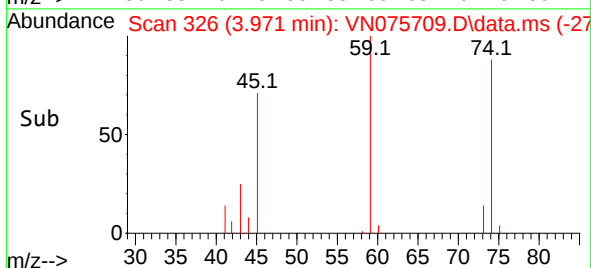
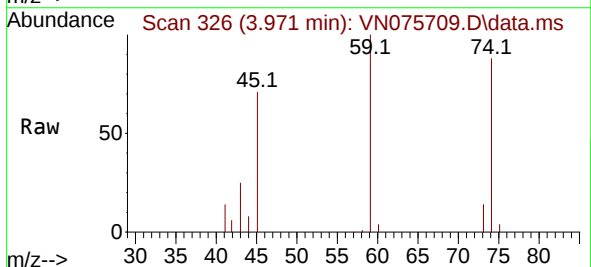
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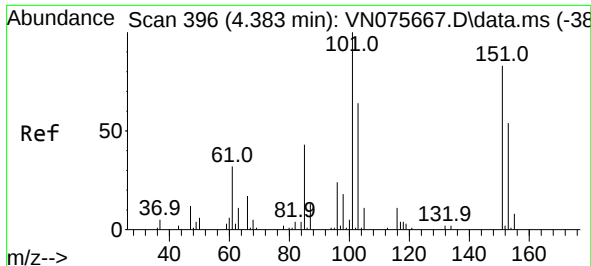
Reviewed By :John Carlone 12/13/2022
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#8
 Diethyl Ether
 Concen: 20.251 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.006 min
 Lab File: VN075709.D
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Tgt Ion: 74 Resp: 23764
 Ion Ratio Lower Upper
 74 100
 45 76.6 36.8 110.4





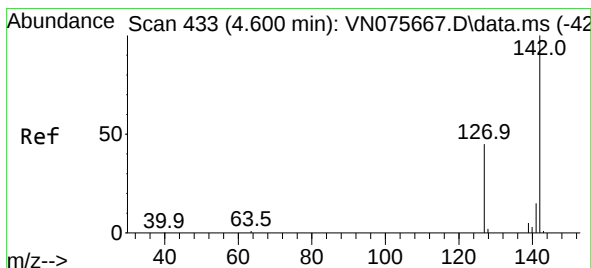
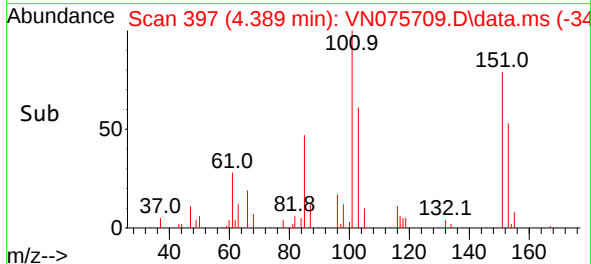
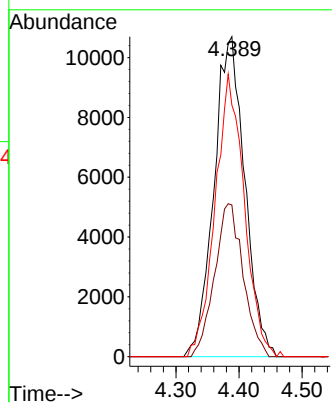
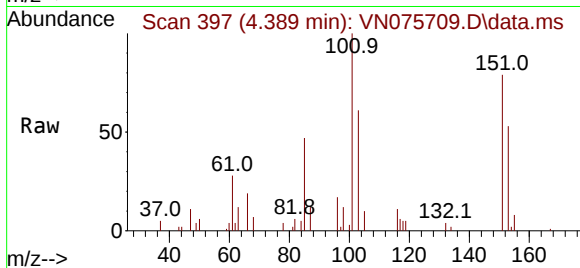
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.274 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion:101 Resp: 36308
Ion Ratio Lower Upper
101 100
85 44.4 35.3 52.9
151 83.2 65.6 98.4

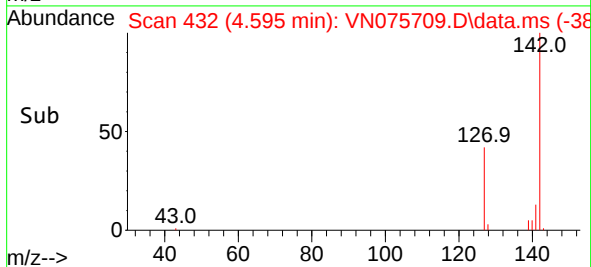
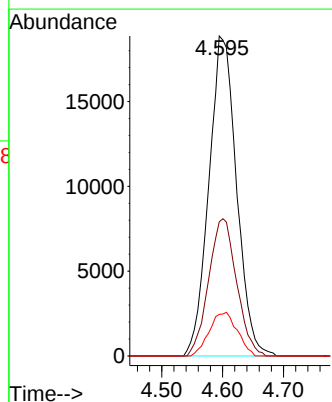
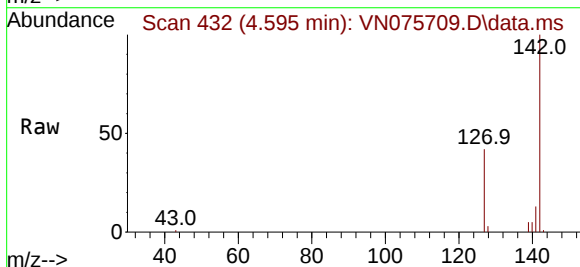
Manual Integrations
APPROVED

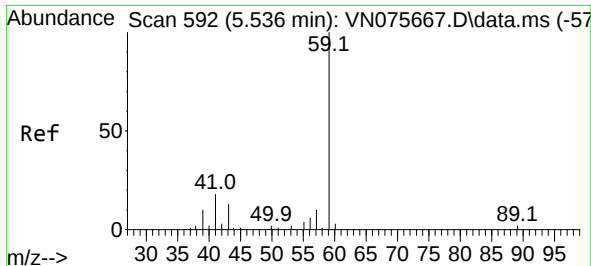
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
Methyl Iodide
Concen: 19.350 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Tgt Ion:142 Resp: 59566
Ion Ratio Lower Upper
142 100
127 43.3 35.0 52.4
141 13.8 11.4 17.2





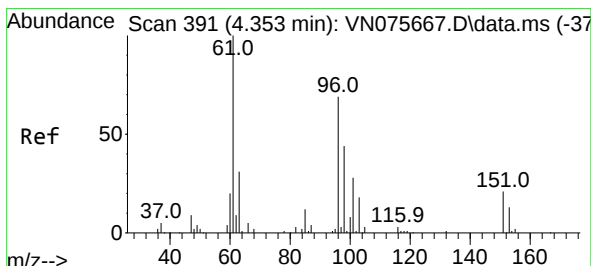
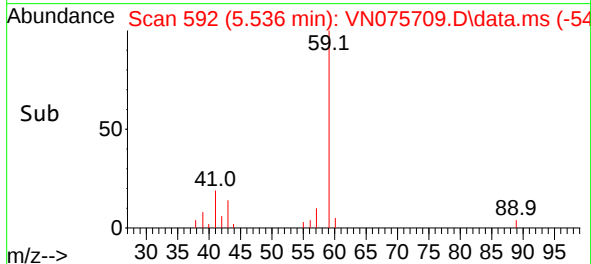
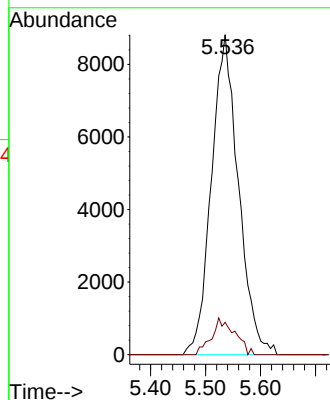
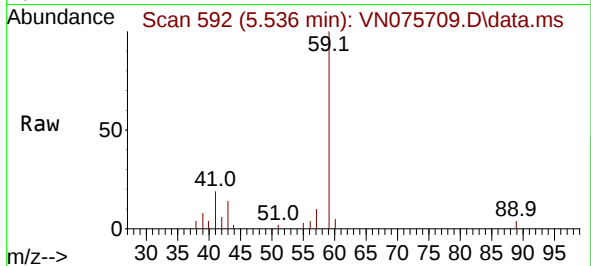
#11
Tert butyl alcohol
Concen: 93.459 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion: 59 Resp: 3015
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

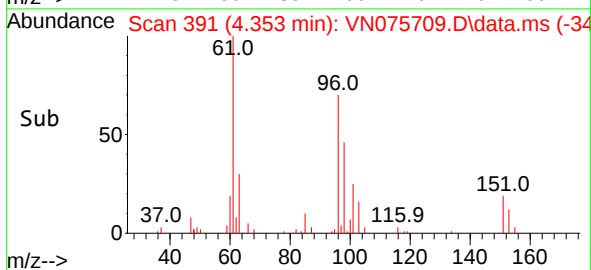
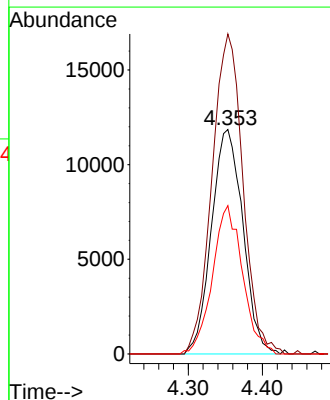
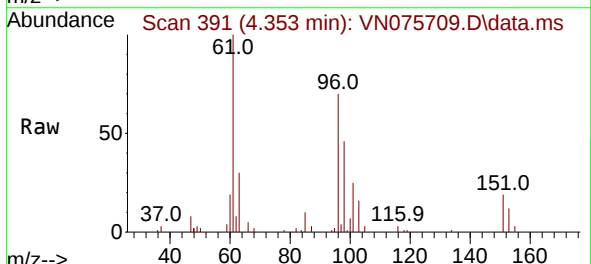
Manual Integrations
APPROVED

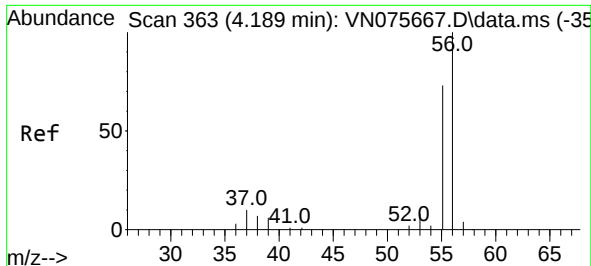
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#12
1,1-Dichloroethene
Concen: 19.806 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

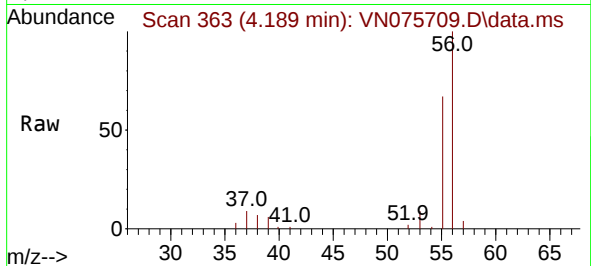
Tgt Ion: 96 Resp: 34873
Ion Ratio Lower Upper
96 100
61 142.6 116.8 175.2
98 66.1 51.6 77.4





#13
Acrolein
Concen: 123.192 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

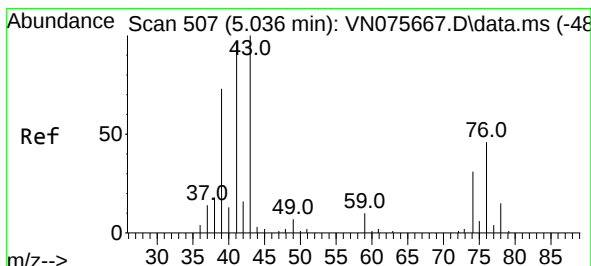
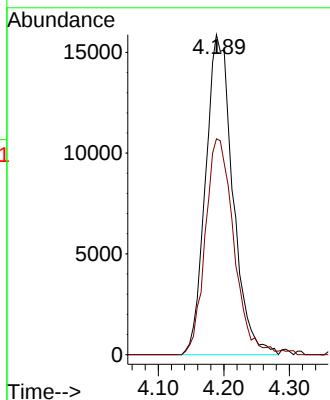
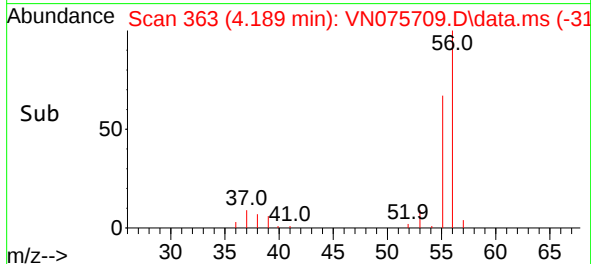
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



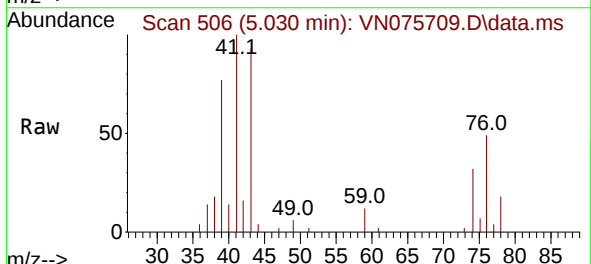
Tgt Ion: 56 Resp: 4577
Ion Ratio Lower Upper
56 100
55 70.6 55.7 83.5

Manual Integrations
APPROVED

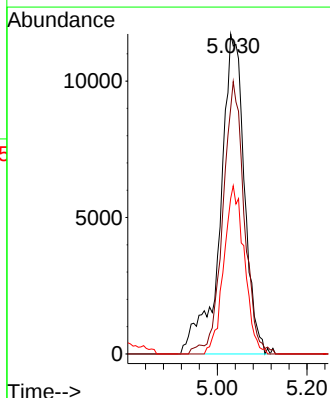
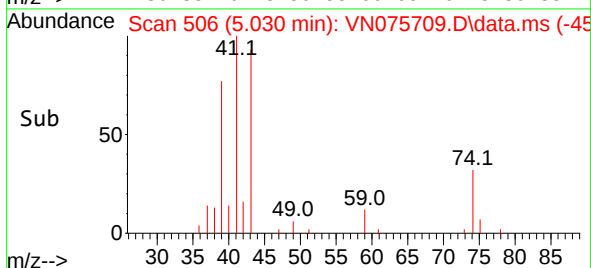
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

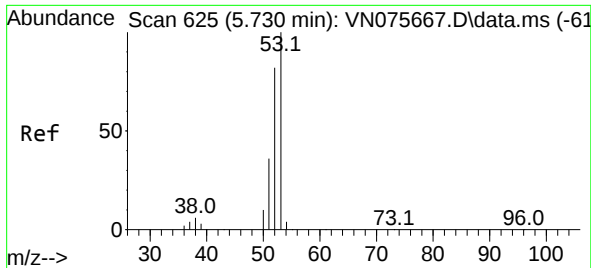


#14
Allyl chloride
Concen: 19.999 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41



Tgt Ion: 41 Resp: 43851
Ion Ratio Lower Upper
41 100
39 75.6 64.6 96.8
76 44.9 40.9 61.3





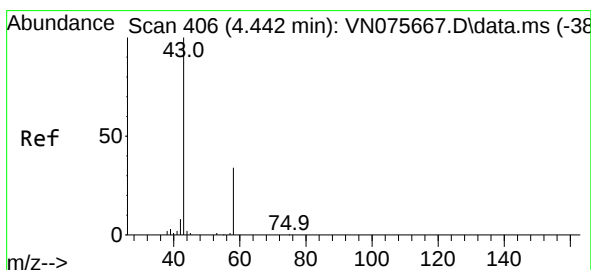
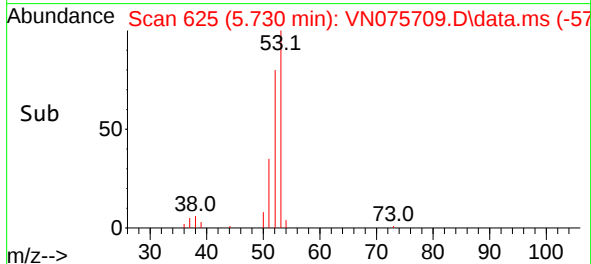
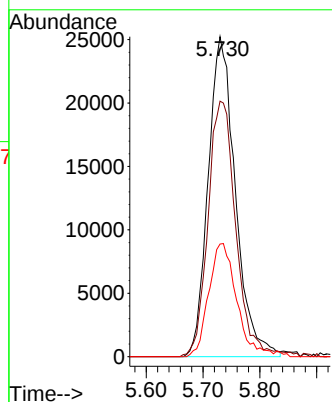
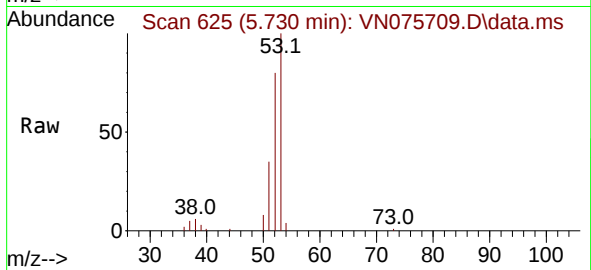
#15
Acrylonitrile
Concen: 100.722 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion: 53 Resp: 8393
Ion Ratio Lower Upper
53 100
52 81.8 65.0 97.4
51 36.1 28.9 43.3

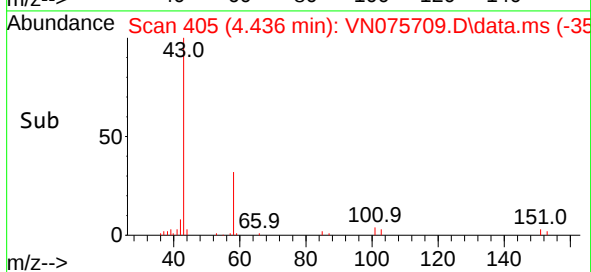
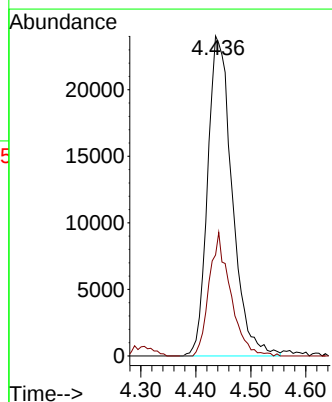
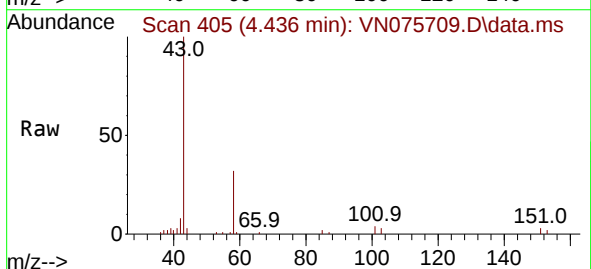
Manual Integrations
APPROVED

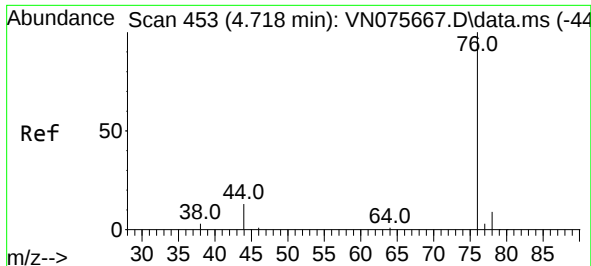
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#16
Acetone
Concen: 100.843 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

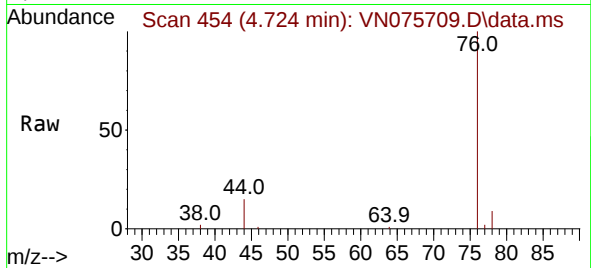
Tgt Ion: 43 Resp: 74474
Ion Ratio Lower Upper
43 100
58 31.6 27.0 40.4





#17
Carbon Disulfide
Concen: 18.859 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

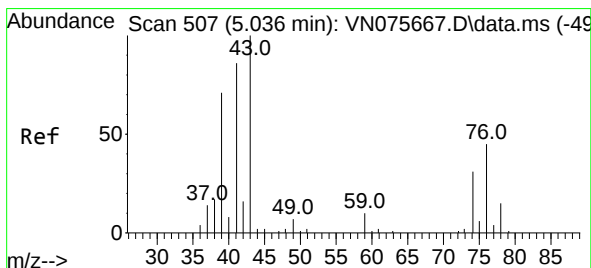
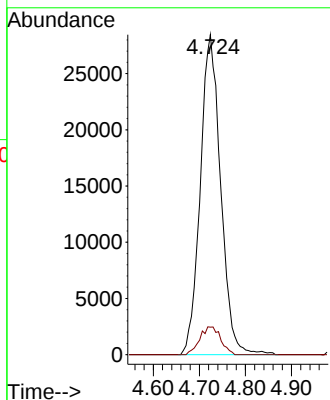
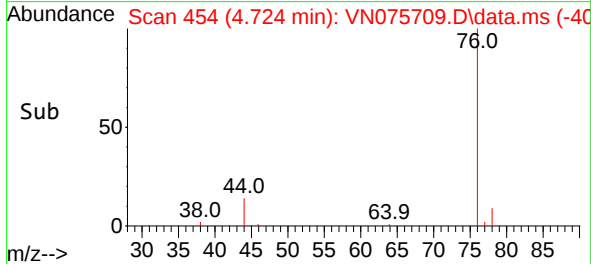
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



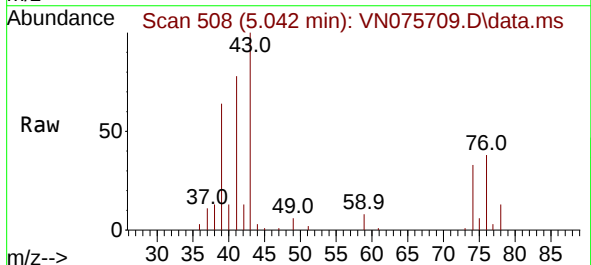
Tgt Ion: 76 Resp: 8786
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

Manual Integrations
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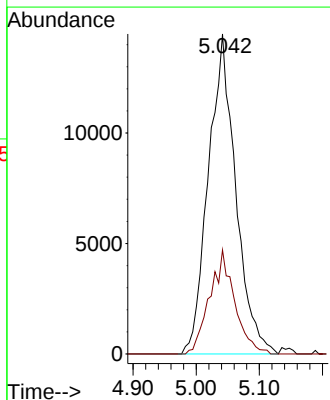
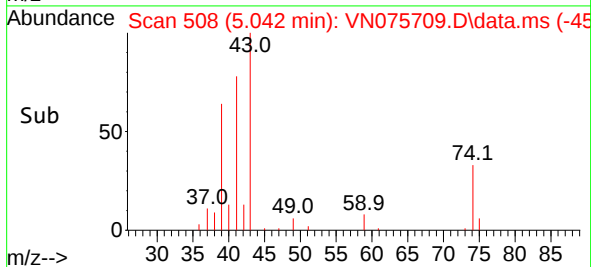
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

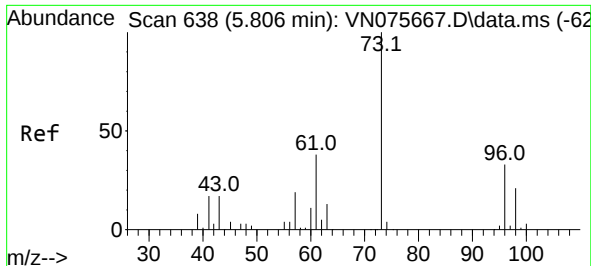


#18
Methyl Acetate
Concen: 18.375 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41



Tgt Ion: 43 Resp: 43605
Ion Ratio Lower Upper
43 100
74 29.5 24.5 36.7





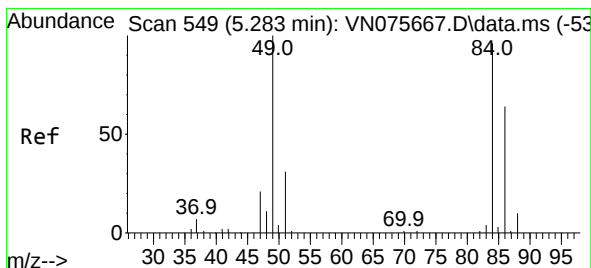
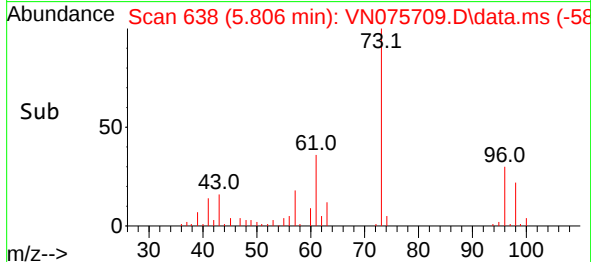
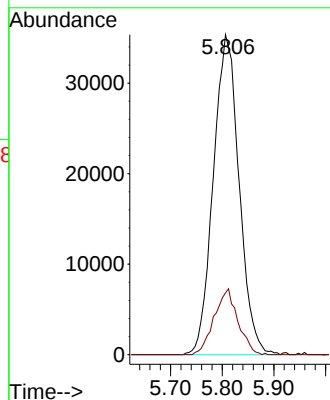
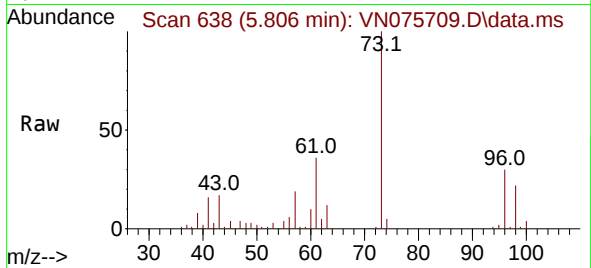
#19
Methyl tert-butyl Ether
Concen: 20.668 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion: 73 Resp: 12241
Ion Ratio Lower Upper
73 100
57 19.3 15.1 22.7

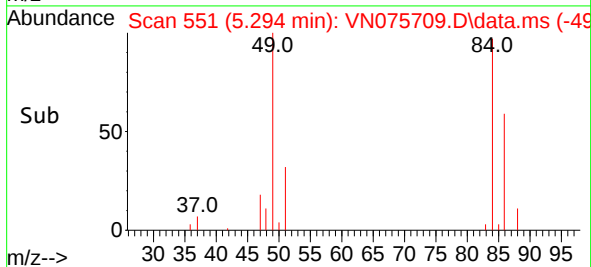
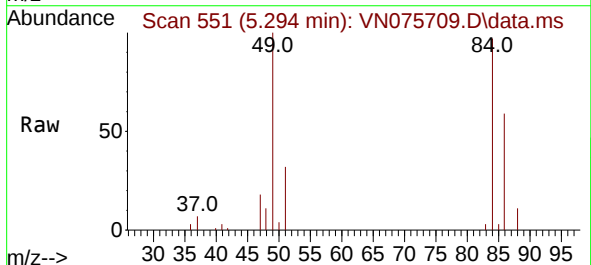
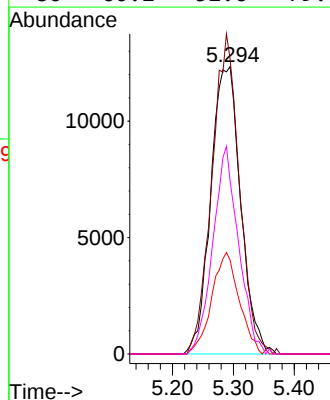
Manual Integrations
APPROVED

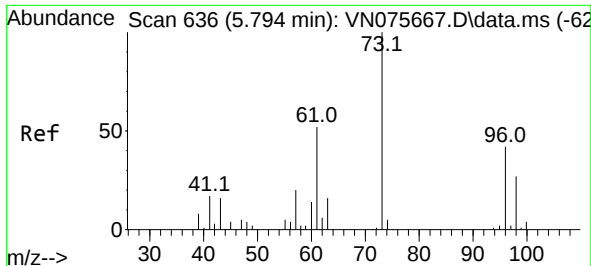
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#20
Methylene Chloride
Concen: 19.142 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.012 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

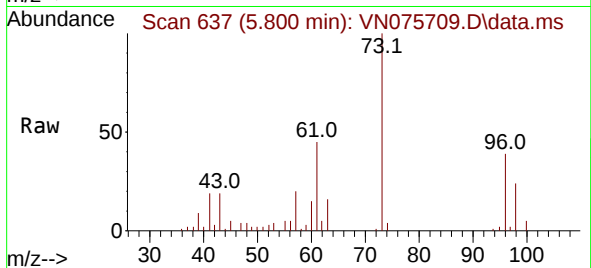
Tgt Ion: 84 Resp: 42144
Ion Ratio Lower Upper
84 100
49 102.6 83.0 124.4
51 32.6 26.0 39.0
86 60.2 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 19.653 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

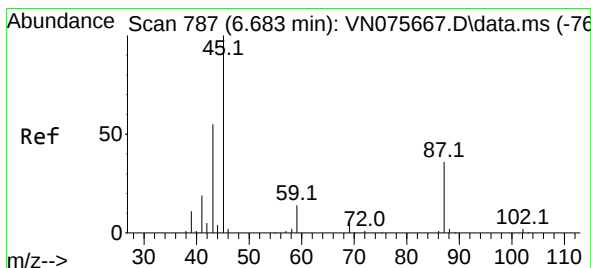
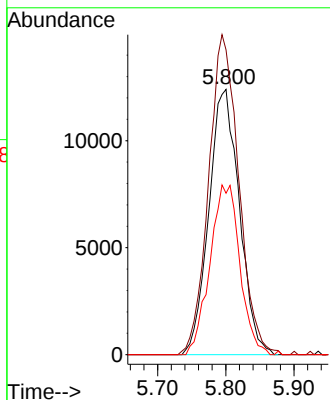
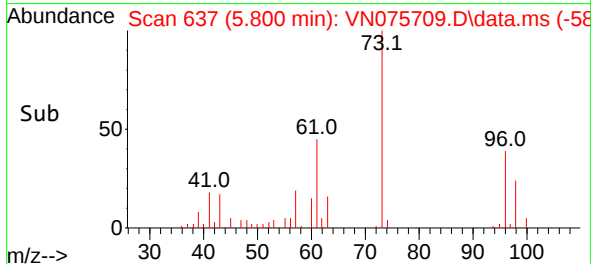
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



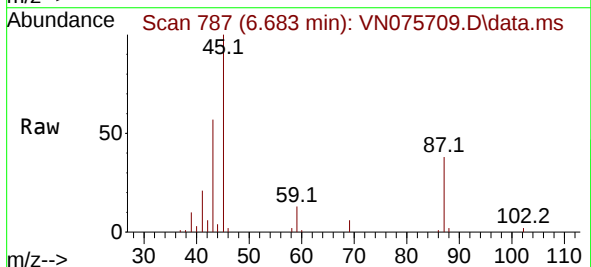
Tgt Ion: 96 Resp: 3867
Ion Ratio Lower Upper
96 100
61 114.9 100.5 150.7
98 60.9 52.7 79.1

Manual Integrations
APPROVED

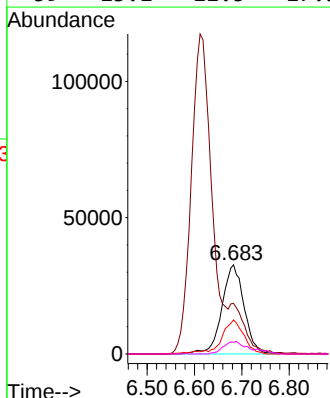
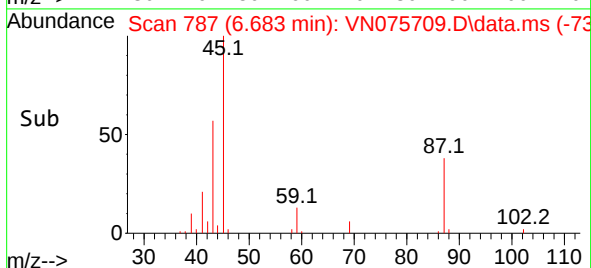
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

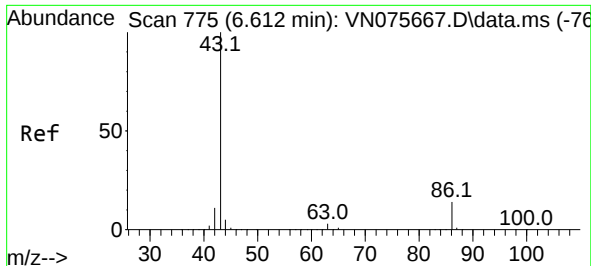


#22
Diisopropyl ether
Concen: 21.236 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41



Tgt Ion: 45 Resp: 105942
Ion Ratio Lower Upper
45 100
43 55.1 44.9 67.3
87 38.2 28.8 43.2
59 13.1 11.5 17.3





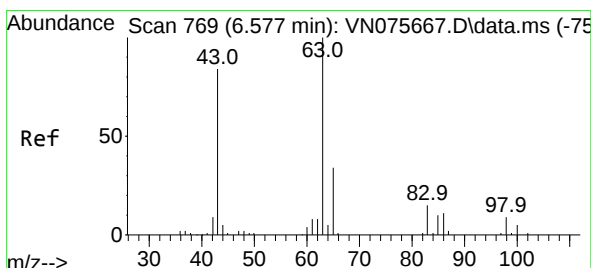
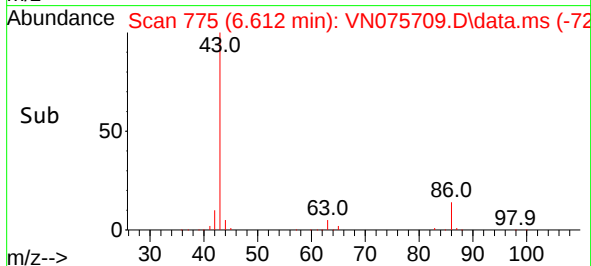
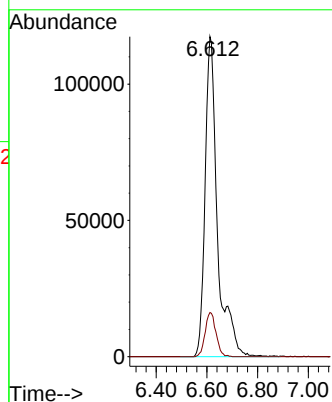
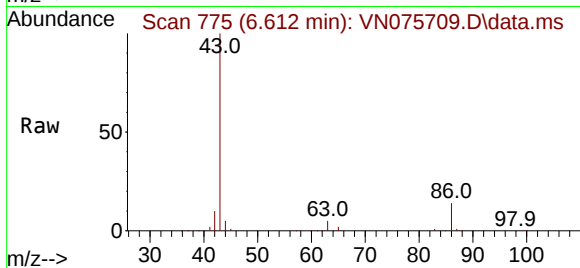
#23
 Vinyl Acetate
 Concen: 104.229 ug/l m
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN075709.D
 Acq: 12 Dec 2022 13:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212MBS01

Tgt Ion: 43 Resp: 396504
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.5 17.3

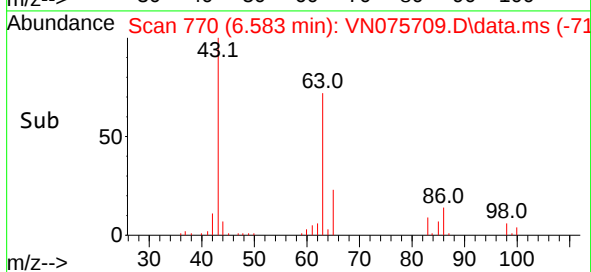
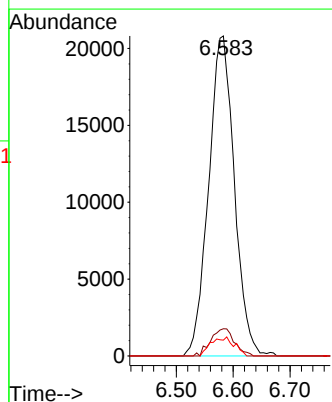
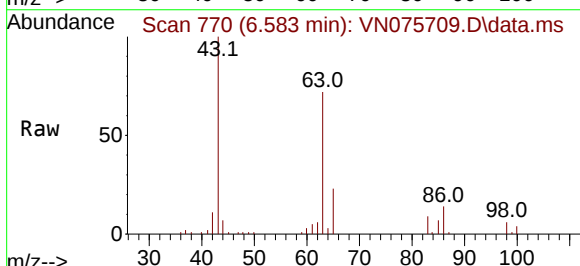
Manual Integrations
 APPROVED

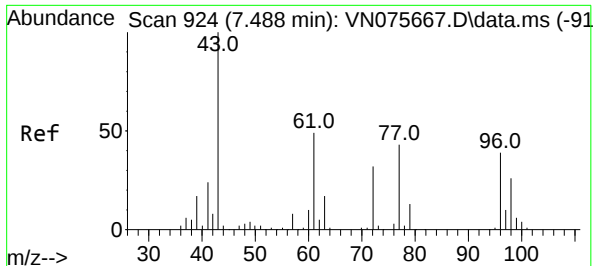
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#24
 1,1-Dichloroethane
 Concen: 19.948 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075709.D
 Acq: 12 Dec 2022 13:41

Tgt Ion: 63 Resp: 65507
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.3 12.9
 100 4.9 2.6 7.8





#25

2-Butanone

Concen: 98.012 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN1212MBS01

Tgt Ion: 43 Resp: 105814

Ion Ratio Lower Upper

43 100

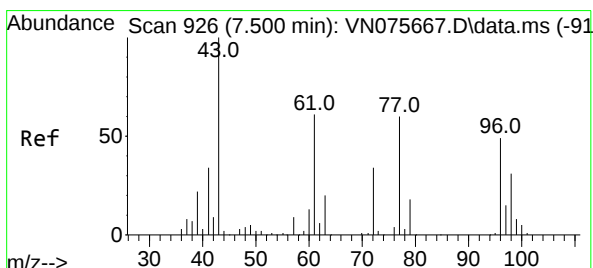
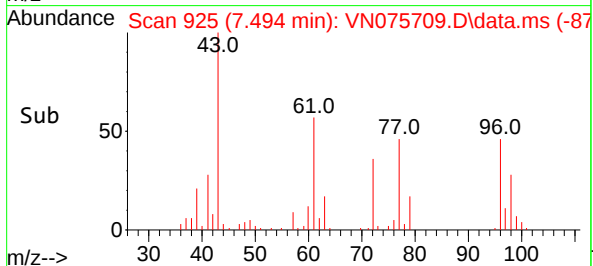
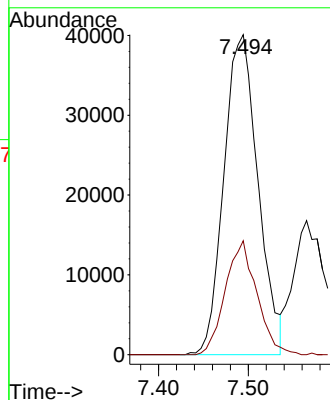
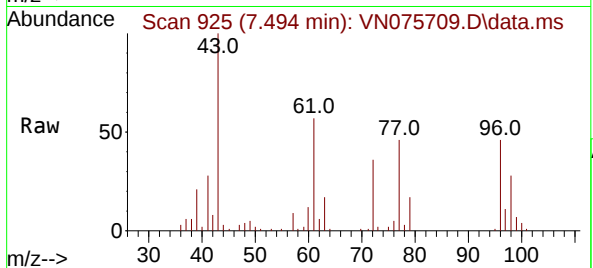
72 35.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#26

2,2-Dichloropropane

Concen: 20.044 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075709.D

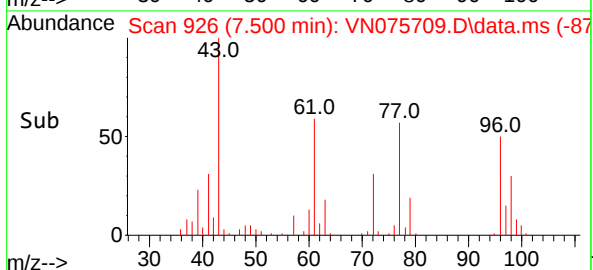
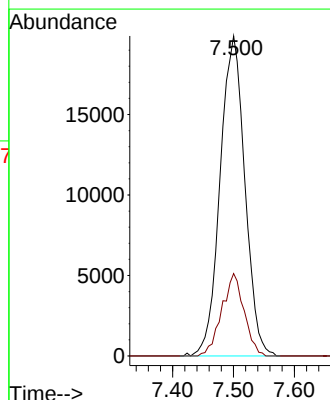
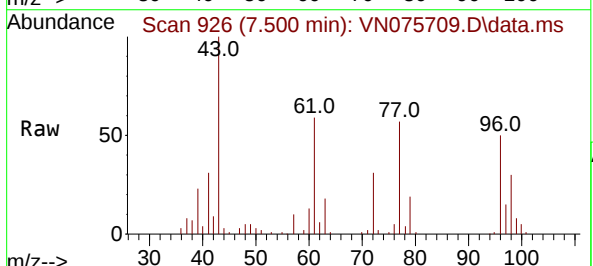
Acq: 12 Dec 2022 13:41

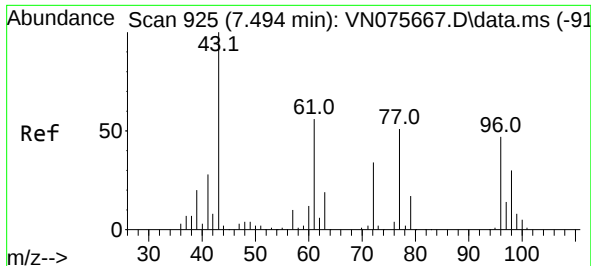
Tgt Ion: 77 Resp: 56138

Ion Ratio Lower Upper

77 100

97 23.3 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 19.832 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN1212MBS01

Tgt Ion: 96 Resp: 47374

Ion Ratio Lower Upper

96 100

61 124.4 0.0 247.8

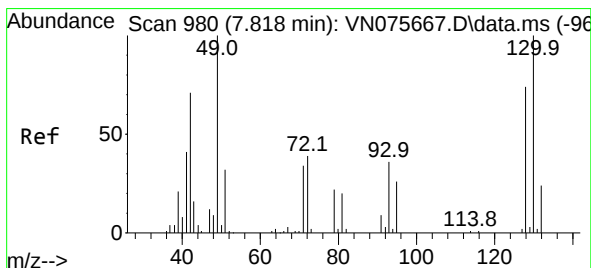
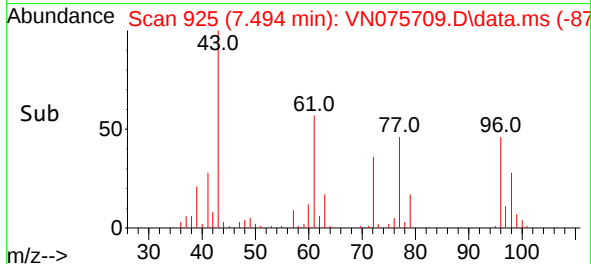
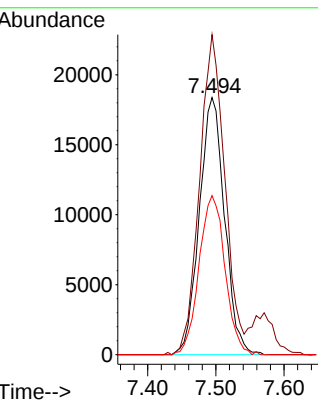
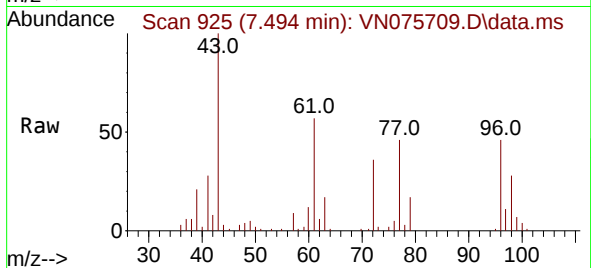
98 63.6 0.0 126.0

Manual Integrations

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Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#28

Bromochloromethane

Concen: 19.525 ug/l

RT: 7.818 min Scan# 980

Delta R.T. 0.000 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

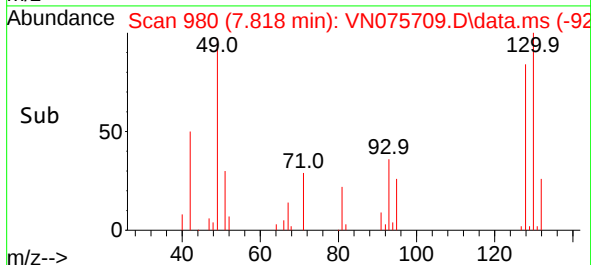
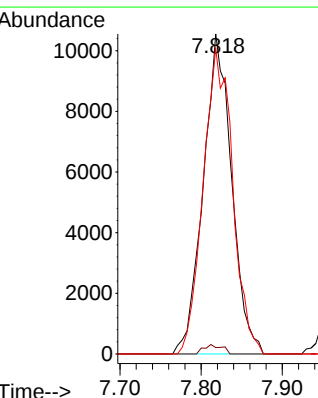
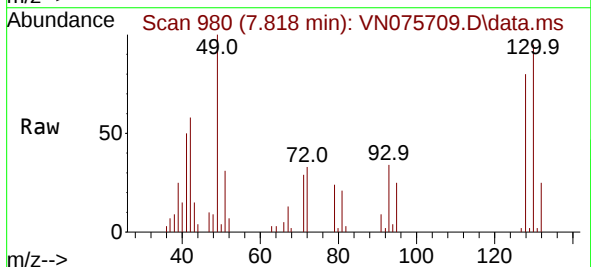
Tgt Ion: 49 Resp: 25636

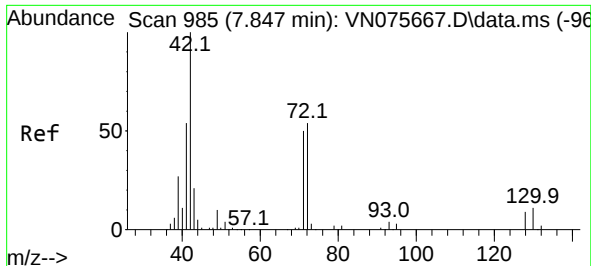
Ion Ratio Lower Upper

49 100

129 1.9 0.0 5.4

130 98.9 78.5 117.7





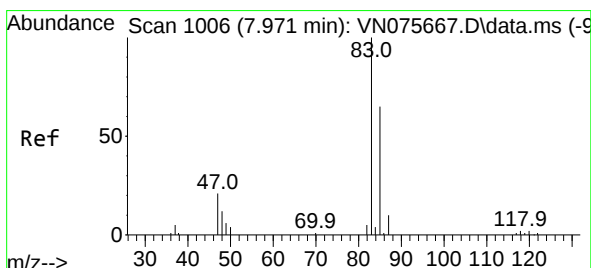
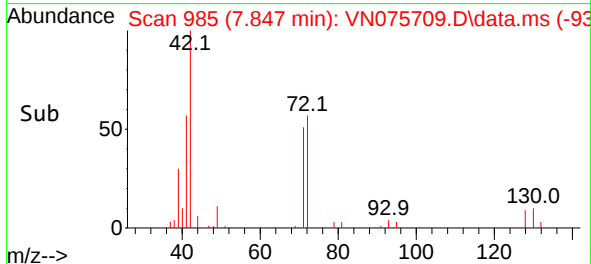
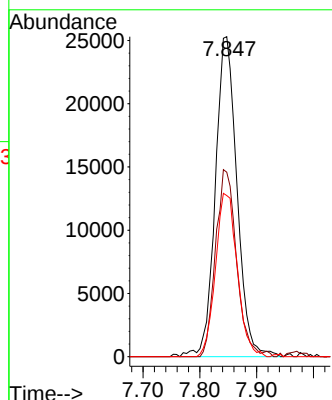
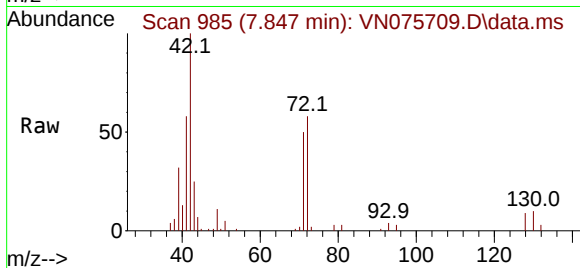
#29
Tetrahydrofuran
Concen: 100.823 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion: 42 Resp: 6709
Ion Ratio Lower Upper
42 100
72 56.6 44.6 67.0
71 51.2 41.2 61.8

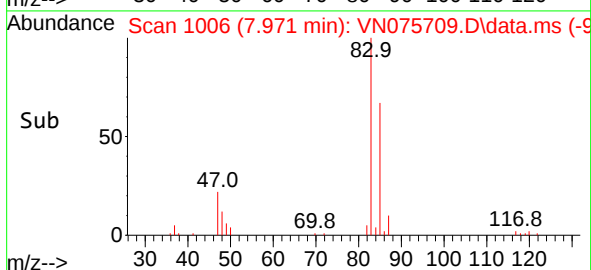
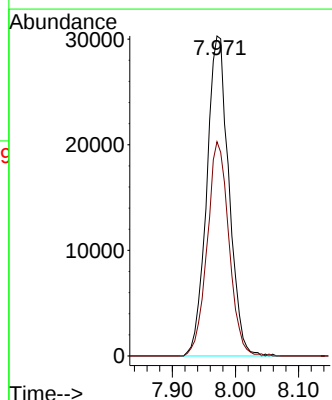
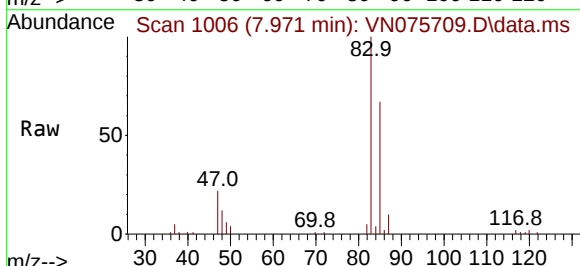
Manual Integrations
APPROVED

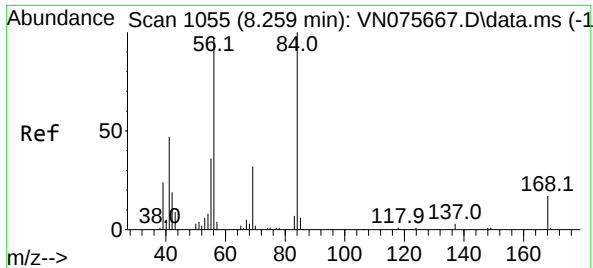
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#30
Chloroform
Concen: 20.255 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

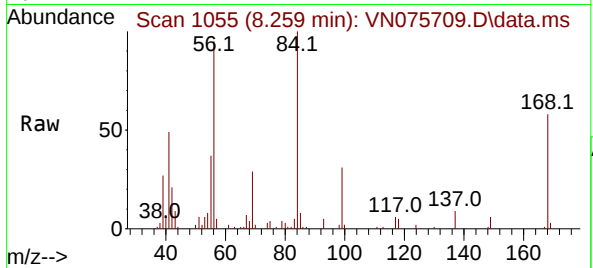
Tgt Ion: 83 Resp: 73674
Ion Ratio Lower Upper
83 100
85 66.9 51.8 77.6





#31
Cyclohexane
Concen: 18.516 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

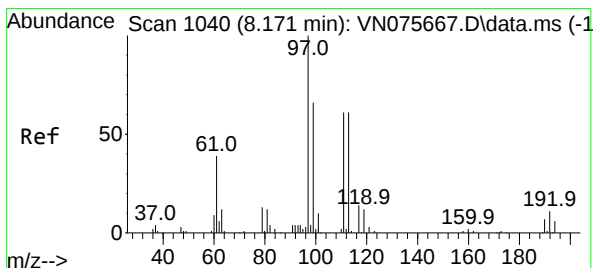
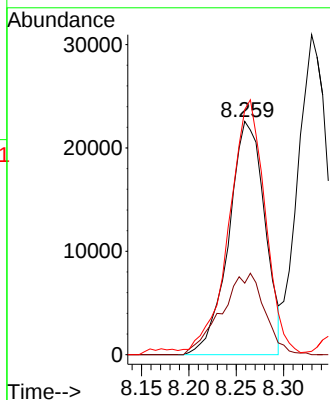
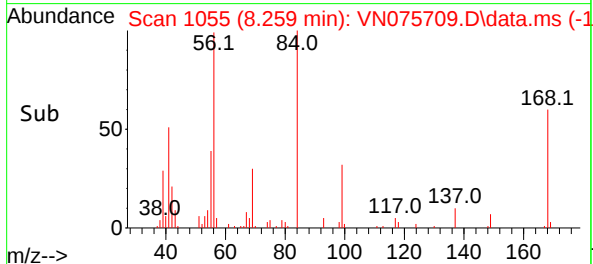
Instrument :
MSVOA_N
Client Sample Id :
VN1212MBS01



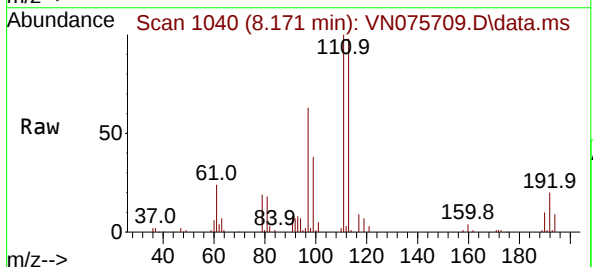
Tgt Ion: 56 Resp: 5978
Ion Ratio Lower Upper
56 100
69 30.7 26.2 39.2
84 103.3 82.8 124.2

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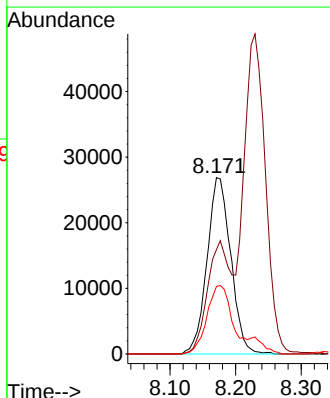
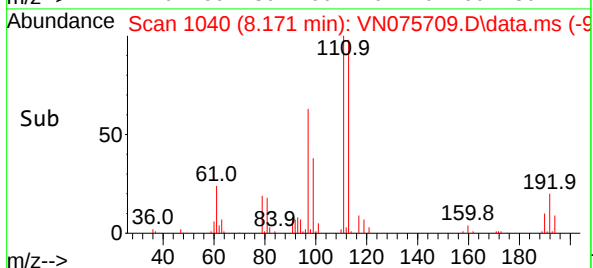
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

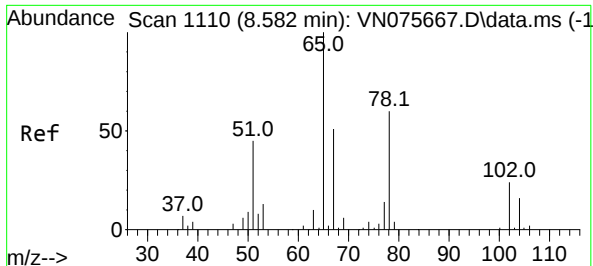


#32
1,1,1-Trichloroethane
Concen: 20.144 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41



Tgt Ion: 97 Resp: 67601
Ion Ratio Lower Upper
97 100
99 66.2 51.2 76.8
61 41.5 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 50.737 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN1212MBS01

Tgt Ion: 65 Resp: 11064

Ion Ratio Lower Upper

65 100

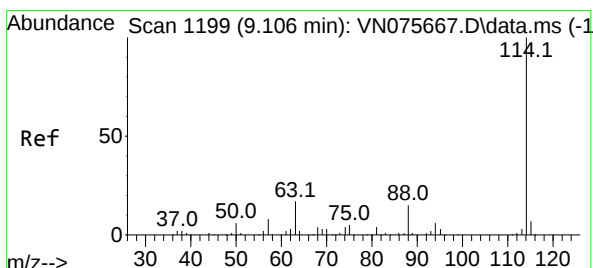
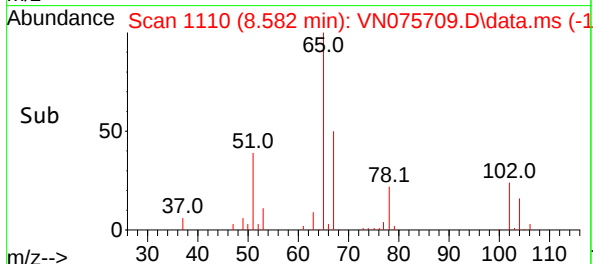
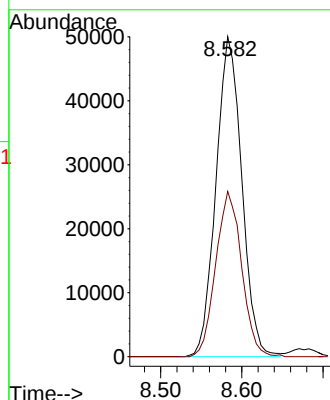
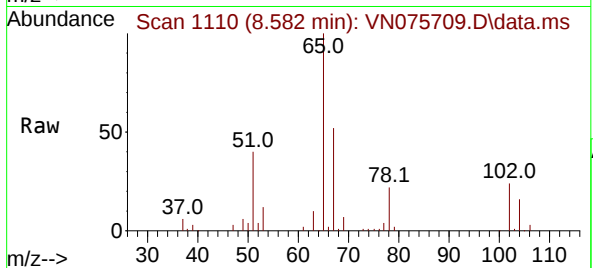
67 51.8 0.0 104.2

Manual Integrations

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Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

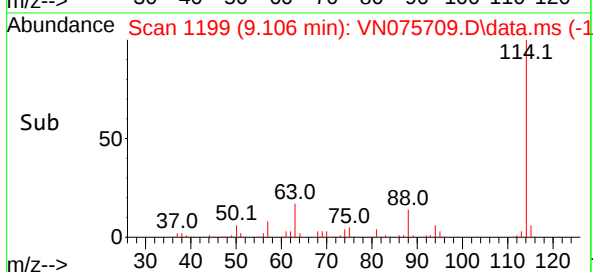
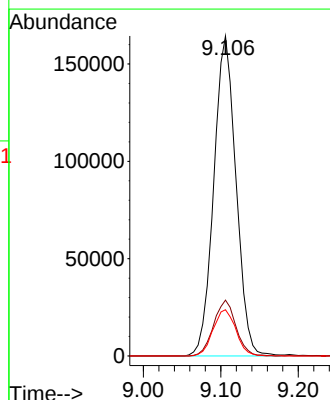
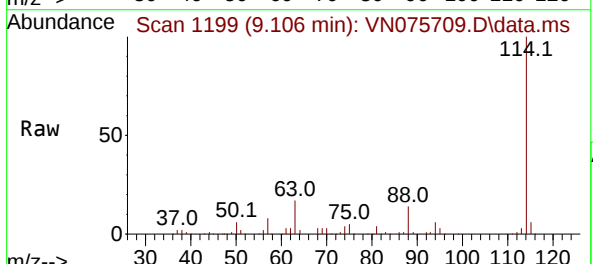
Tgt Ion:114 Resp: 328406

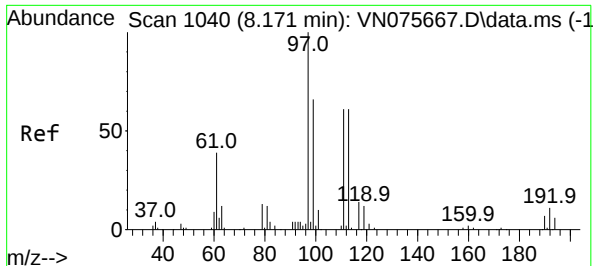
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 49.699 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN1212MBS01

Tgt Ion: 113 Resp: 99580

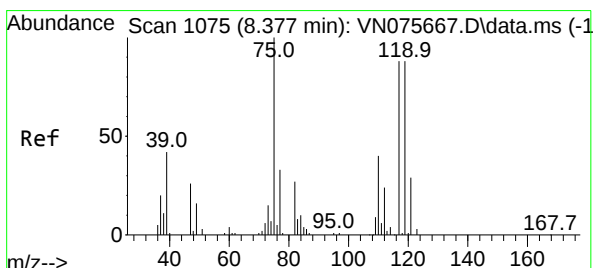
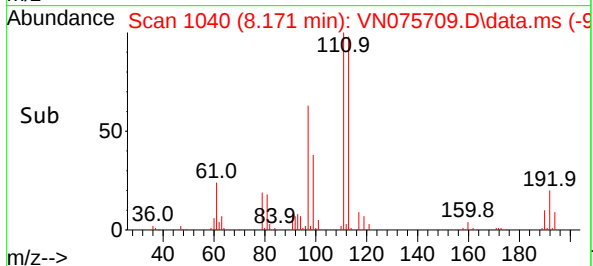
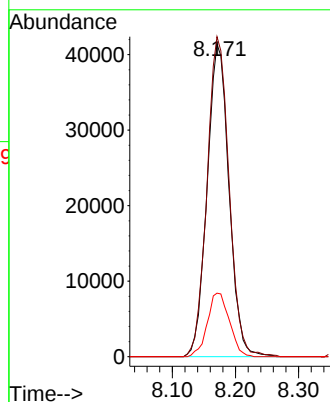
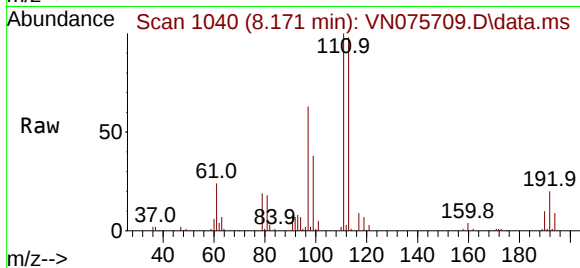
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.6
192	20.4	16.2	24.2

Manual Integrations

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Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#36

1,1-Dichloropropene

Concen: 19.790 ug/l

RT: 8.377 min Scan# 1075

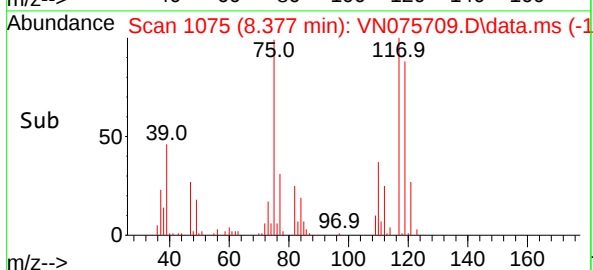
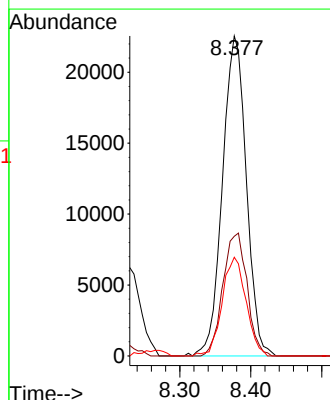
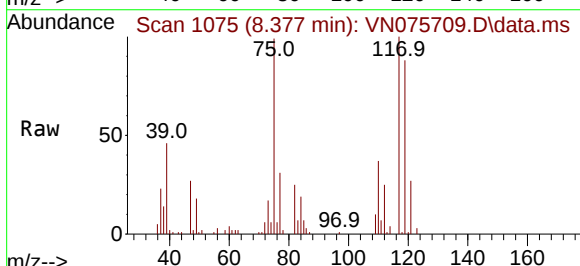
Delta R.T. 0.000 min

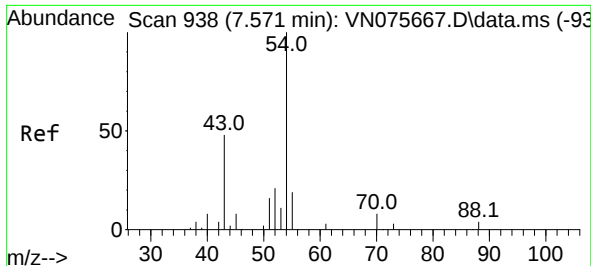
Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Tgt Ion: 75 Resp: 52652

Ion	Ratio	Lower	Upper
75	100		
110	38.8	18.9	56.9
77	30.8	25.4	38.2





#37

Ethyl Acetate

Concen: 19.419 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN1212MBS01

Tgt Ion: 43 Resp: 4148

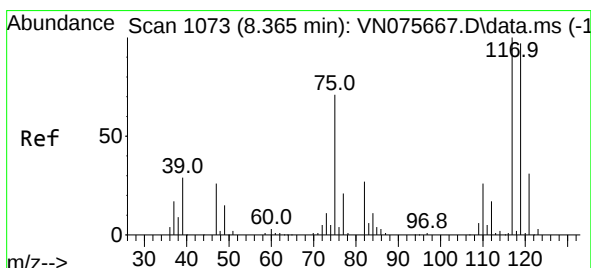
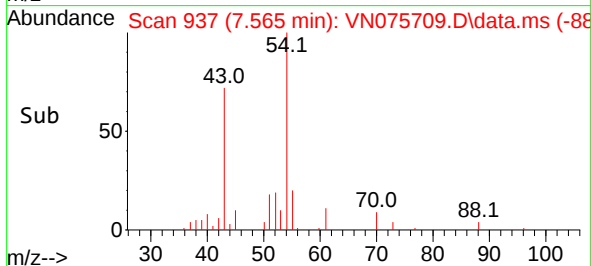
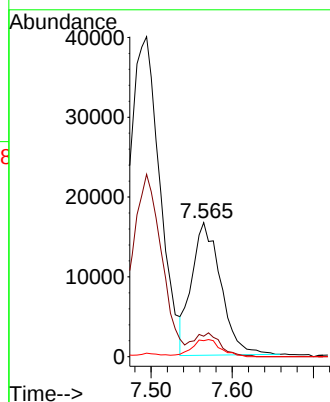
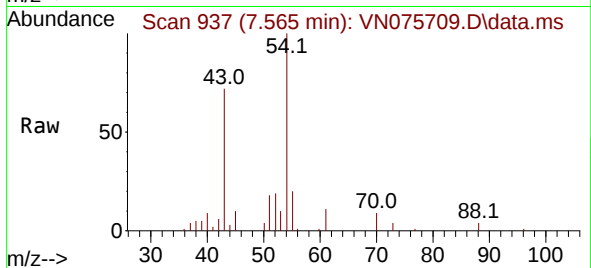
Ion	Ratio	Lower	Upper
43	100		
61	16.9	13.3	19.9
70	12.7	9.9	14.9

Manual Integrations

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Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#38

Carbon Tetrachloride

Concen: 20.163 ug/l

RT: 8.365 min Scan# 1073

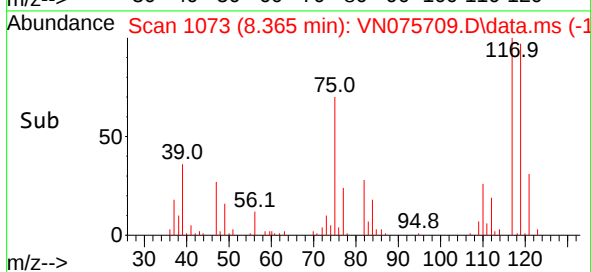
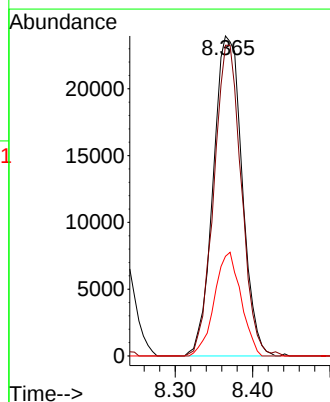
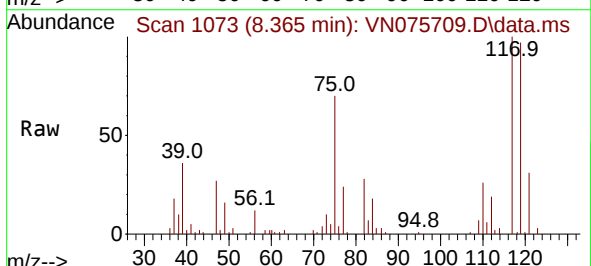
Delta R.T. 0.000 min

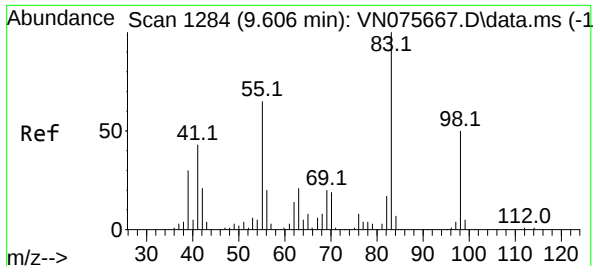
Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Tgt Ion:117 Resp: 61902

Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.2	115.8
121	31.1	24.6	37.0





#39

Methylcyclohexane

Concen: 20.670 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN1212MBS01

Tgt Ion: 83 Resp: 69734

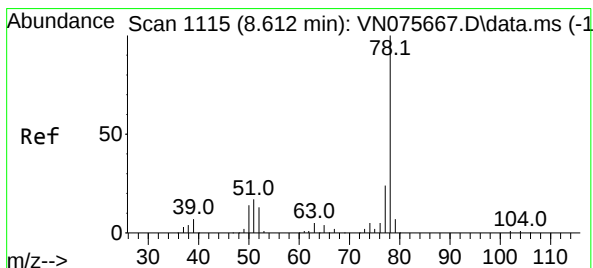
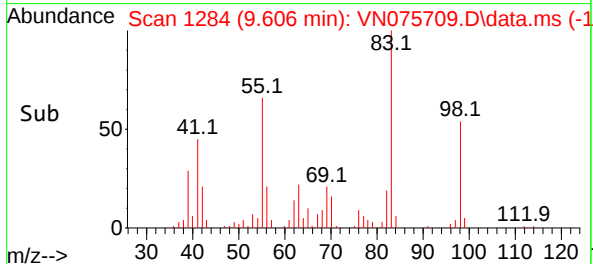
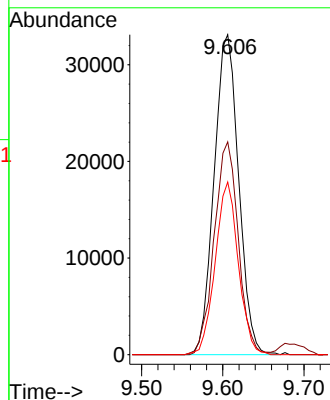
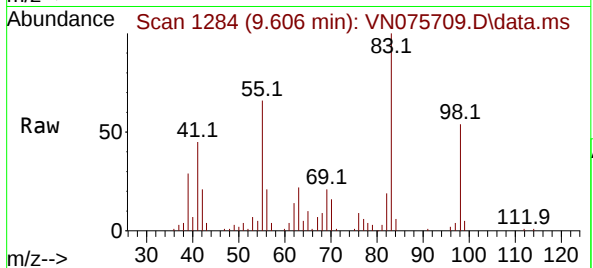
Ion	Ratio	Lower	Upper
83	100		
55	66.5	51.6	77.4
98	53.9	39.8	59.8

Manual Integrations

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Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#40

Benzene

Concen: 20.521 ug/l

RT: 8.612 min Scan# 1115

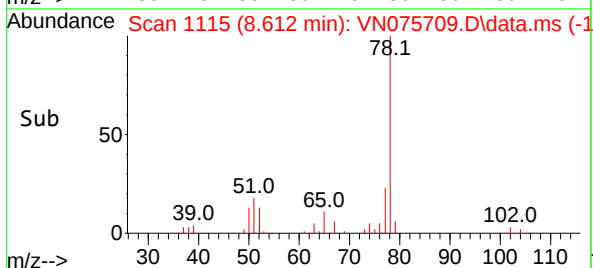
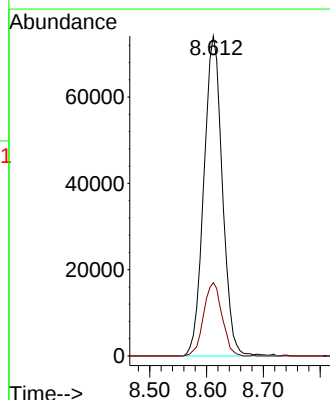
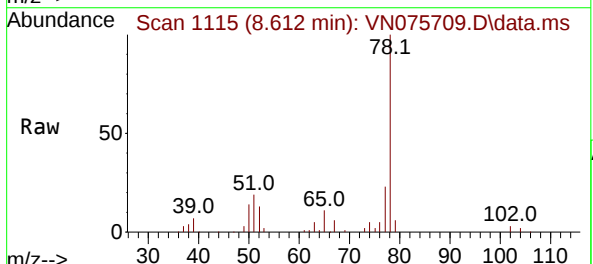
Delta R.T. 0.000 min

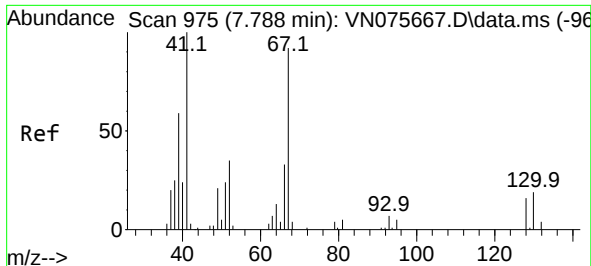
Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Tgt Ion: 78 Resp: 167551

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.1	28.7





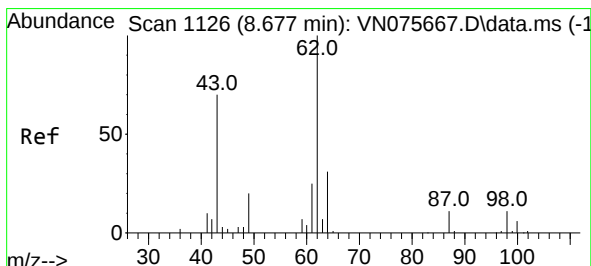
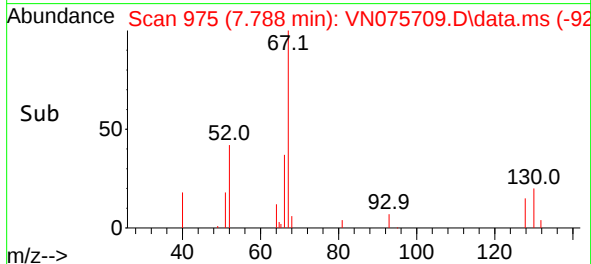
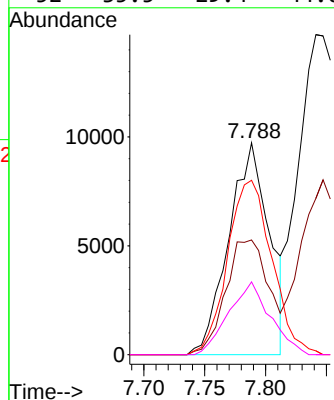
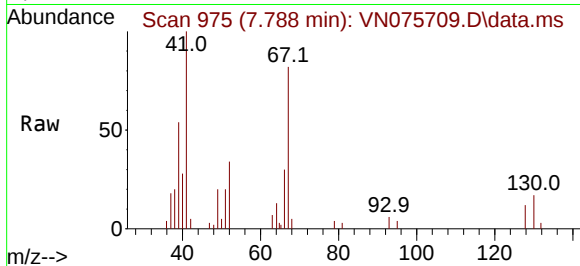
#41
Methacrylonitrile
Concen: 20.559 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion: 41 Resp: 22519
Ion Ratio Lower Upper
41 100
39 57.8 46.3 69.5
67 90.2 74.0 111.0
52 35.5 29.4 44.0

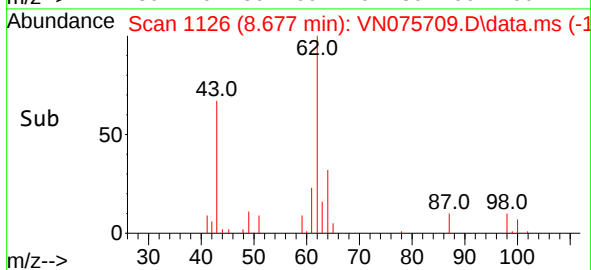
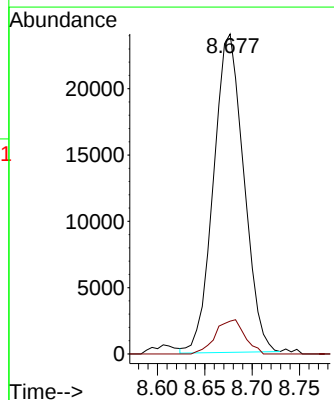
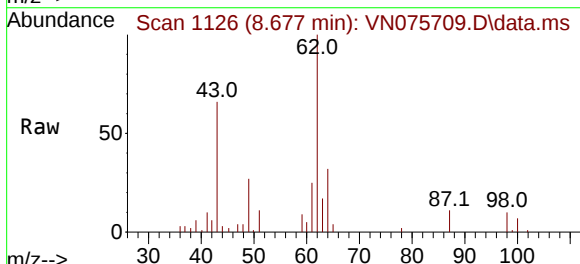
Manual Integrations
APPROVED

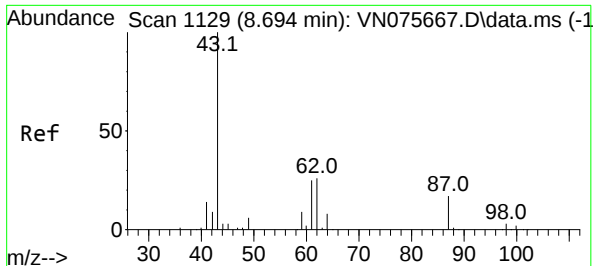
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#42
1,2-Dichloroethane
Concen: 19.570 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

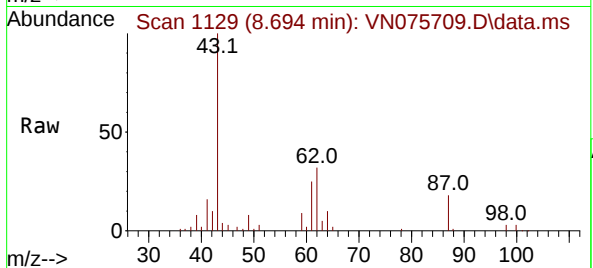
Tgt Ion: 62 Resp: 53453
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.8





#43
Isopropyl Acetate
Concen: 20.353 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

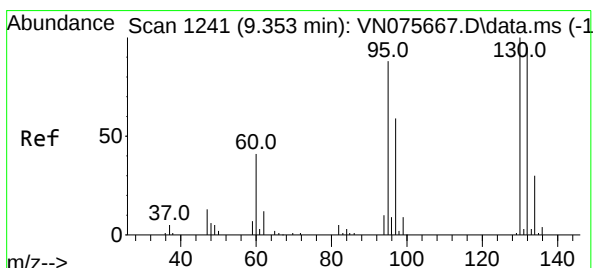
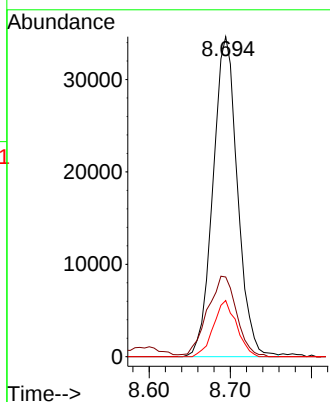
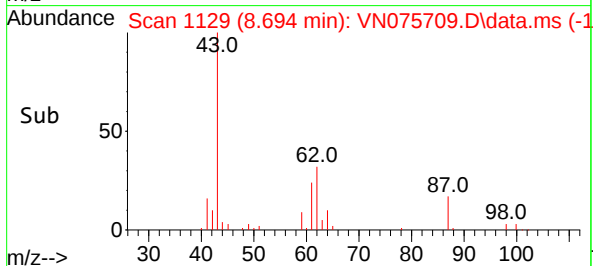
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



Tgt Ion: 43 Resp: 72583
Ion Ratio Lower Upper
43 100
61 30.0 23.8 35.8
87 16.6 13.7 20.5

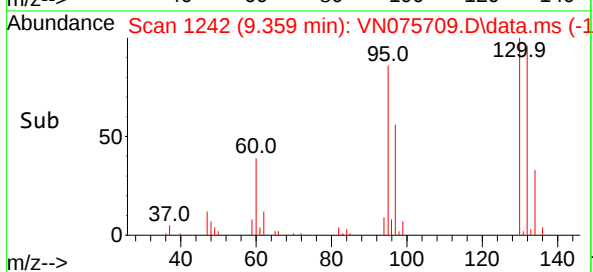
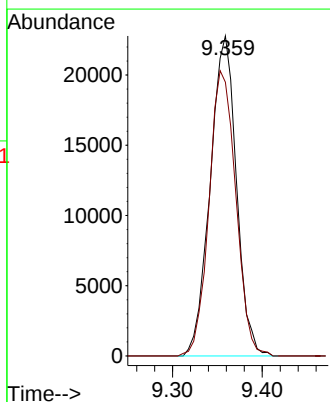
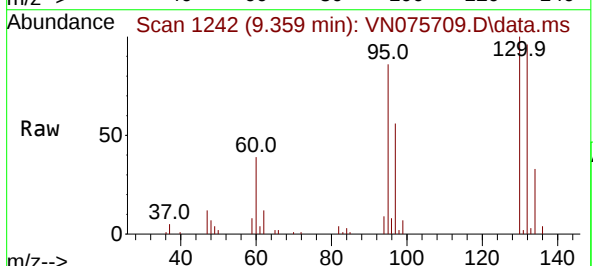
Manual Integrations
APPROVED

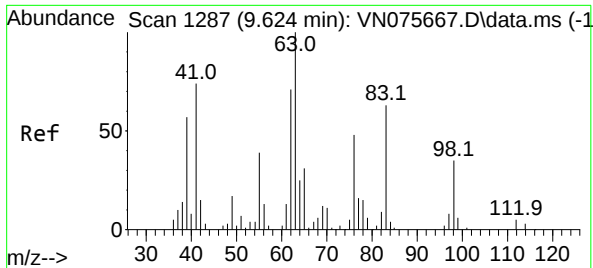
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#44
Trichloroethene
Concen: 20.054 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

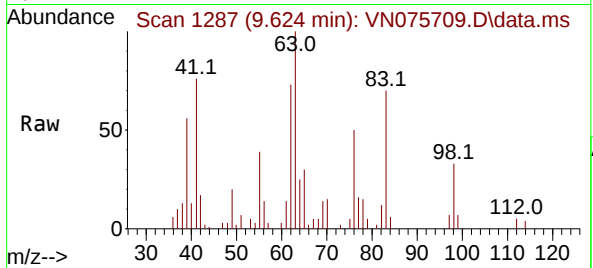
Tgt Ion:130 Resp: 46193
Ion Ratio Lower Upper
130 100
95 85.5 0.0 176.8





#45
1,2-Dichloropropane
Concen: 20.260 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

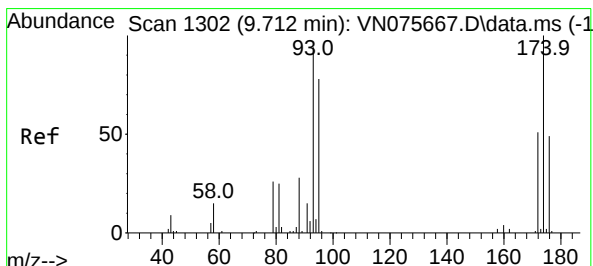
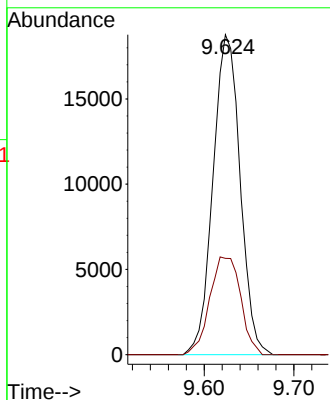
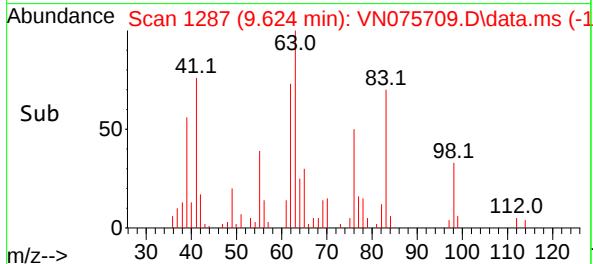
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



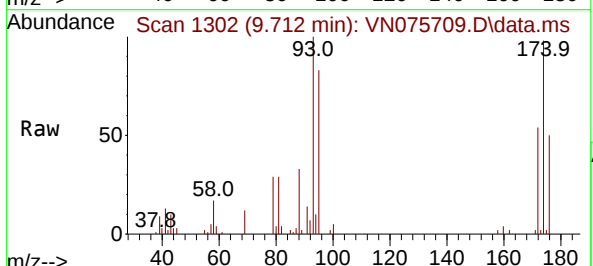
Tgt Ion: 63 Resp: 39344
Ion Ratio Lower Upper
63 100
65 30.1 25.1 37.7

Manual Integrations
APPROVED

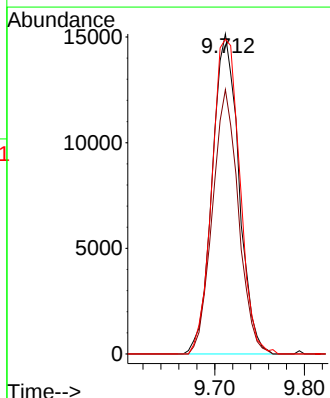
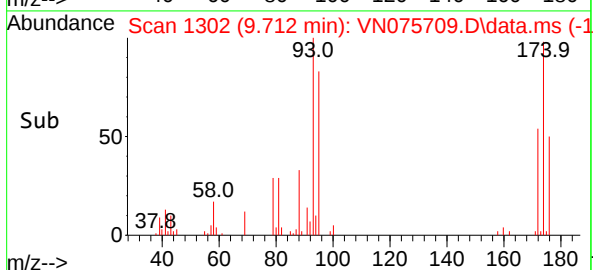
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

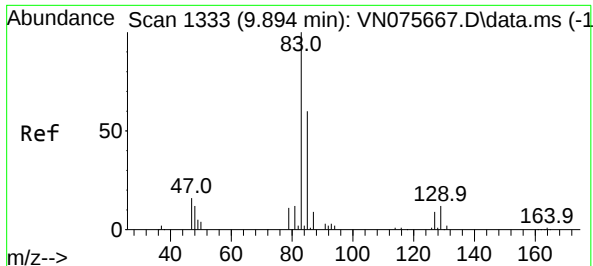


#46
Dibromomethane
Concen: 21.396 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41



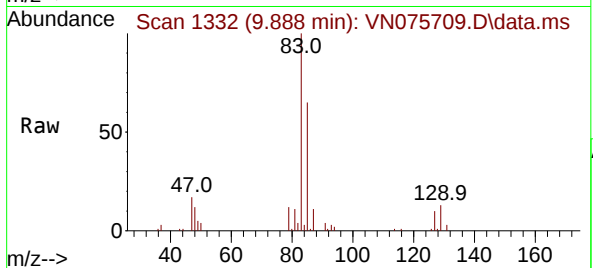
Tgt Ion: 93 Resp: 31195
Ion Ratio Lower Upper
93 100
95 80.3 67.3 100.9
174 102.9 85.0 127.6





#47
Bromodichloromethane
Concen: 20.847 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

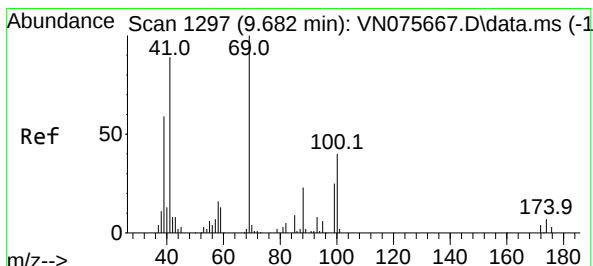
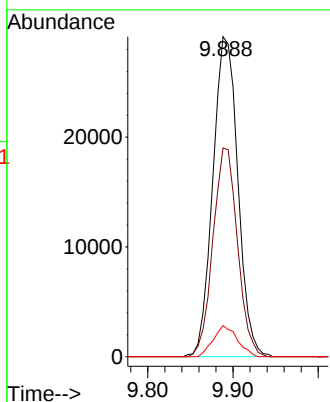
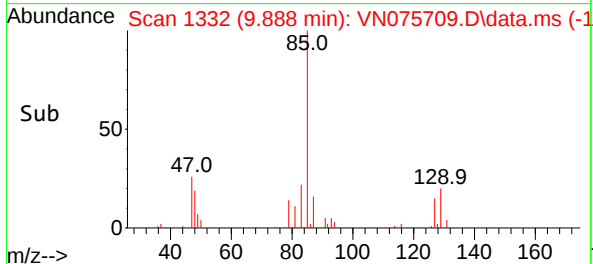
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



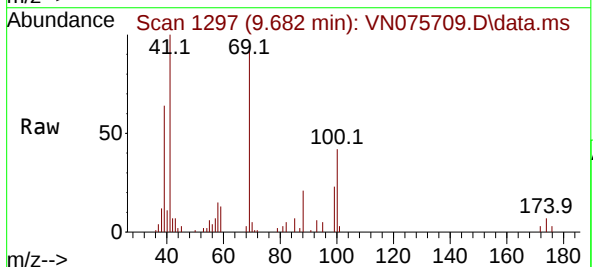
Tgt Ion: 83 Resp: 5959
Ion Ratio Lower Upper
83 100
85 65.2 48.0 72.0
127 9.7 7.4 11.2

Manual Integrations
APPROVED

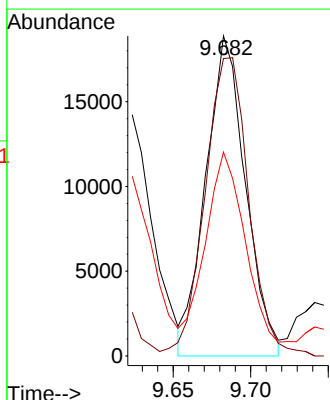
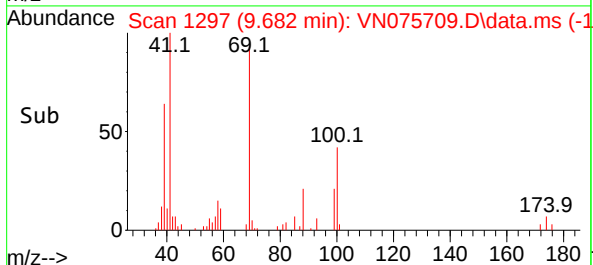
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

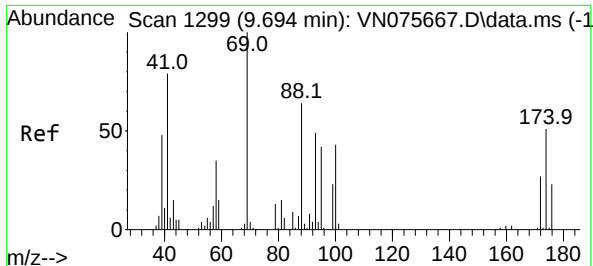


#48
Methyl methacrylate
Concen: 20.508 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41



Tgt Ion: 41 Resp: 33683
Ion Ratio Lower Upper
41 100
69 102.8 82.5 123.7
39 68.1 53.2 79.8





#49

1,4-Dioxane

Concen: 408.739 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN1212MBS01

Tgt Ion: 88 Resp: 16319

Ion Ratio Lower Upper

88 100

43 18.1 17.4 26.0

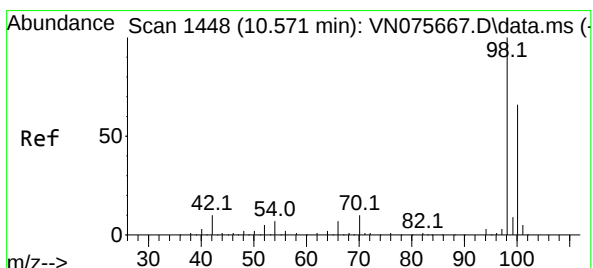
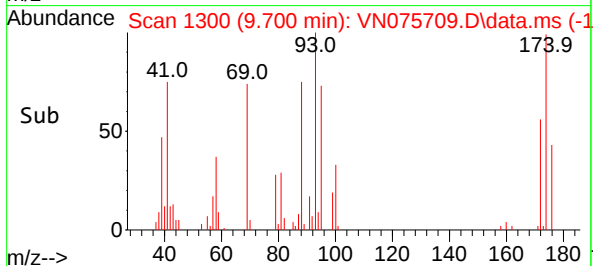
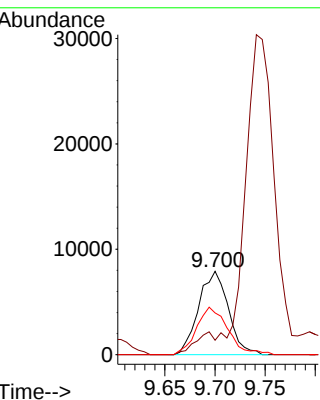
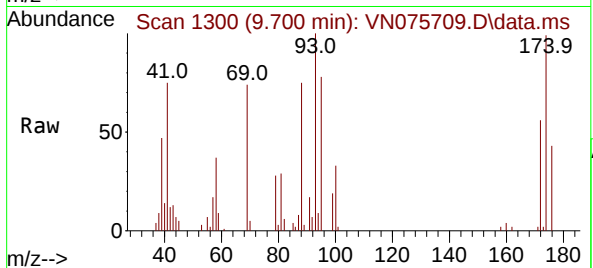
58 60.2 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

Toluene-d8

Concen: 50.878 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075709.D

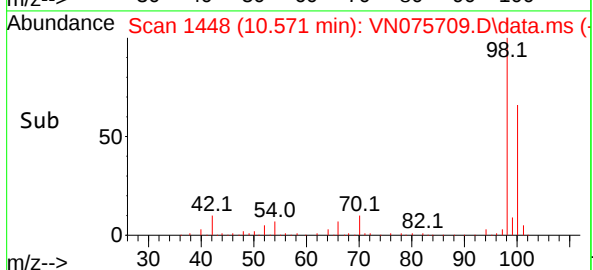
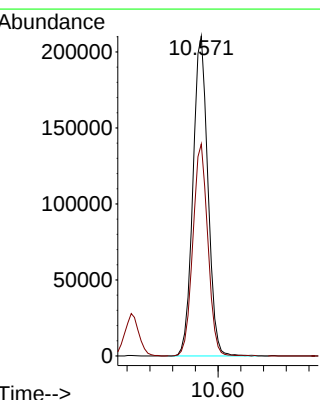
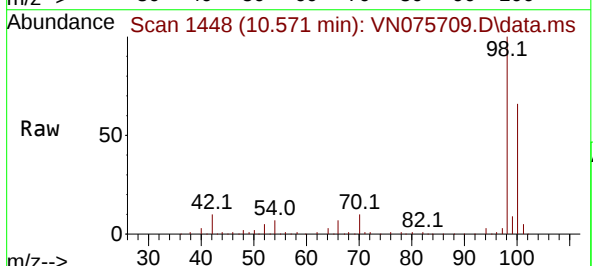
Acq: 12 Dec 2022 13:41

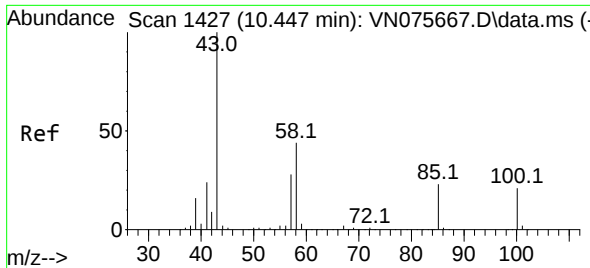
Tgt Ion: 98 Resp: 382834

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8





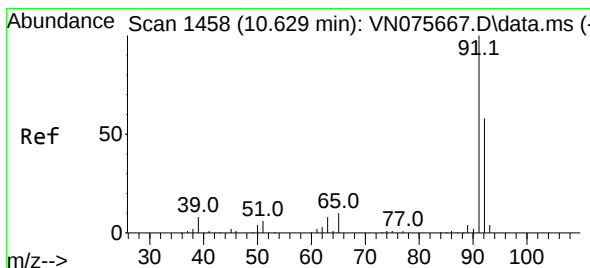
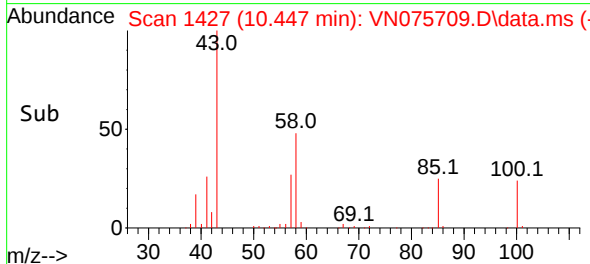
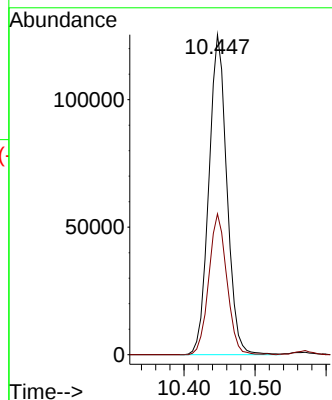
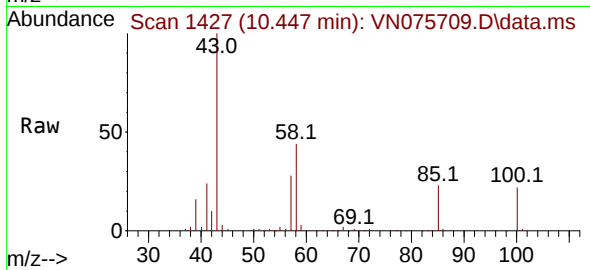
#51
4-Methyl-2-Pentanone
Concen: 100.629 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion: 43 Resp: 221278
Ion Ratio Lower Upper
43 100
58 44.1 35.0 52.6

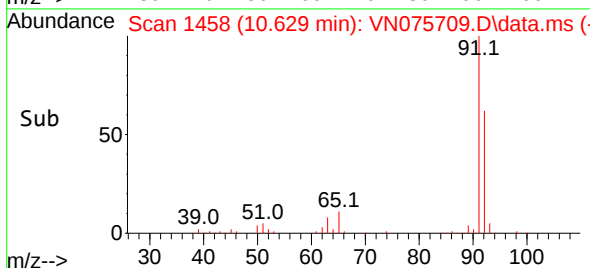
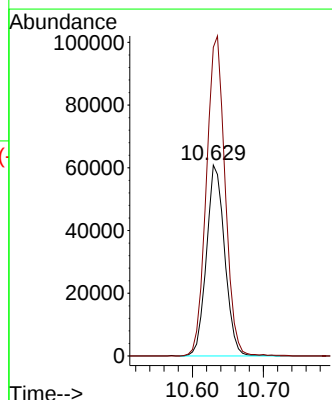
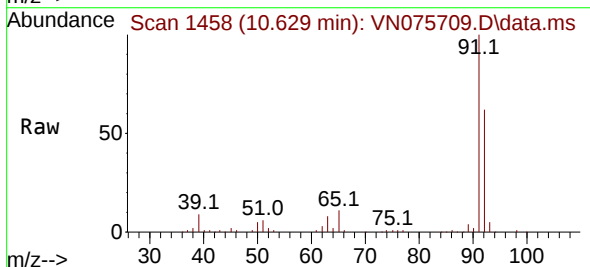
Manual Integrations
APPROVED

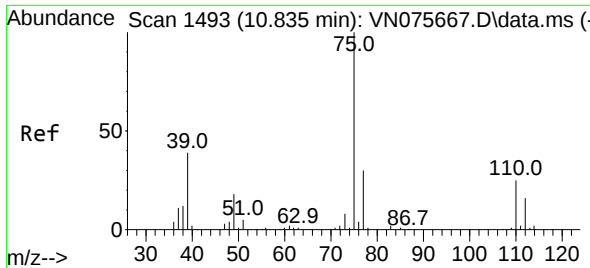
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
Toluene
Concen: 20.125 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

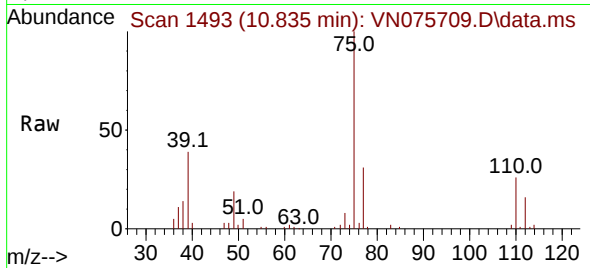
Tgt Ion: 92 Resp: 108610
Ion Ratio Lower Upper
92 100
91 172.0 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 20.969 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

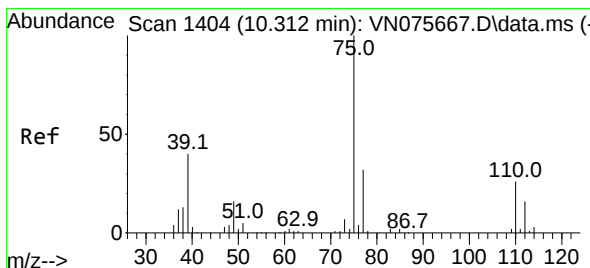
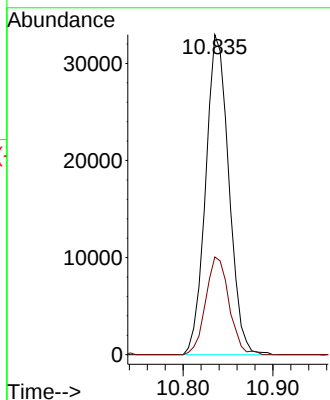
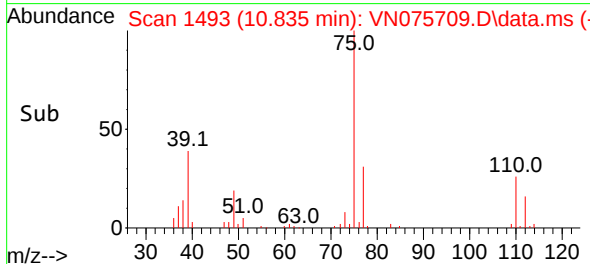
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



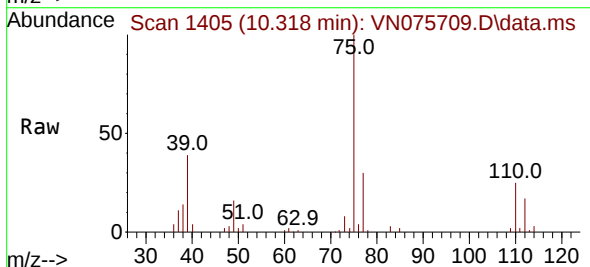
Tgt Ion: 75 Resp: 5920
Ion Ratio Lower Upper
75 100
77 30.6 24.3 36.5

Manual Integrations
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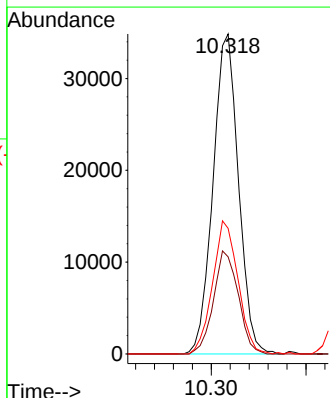
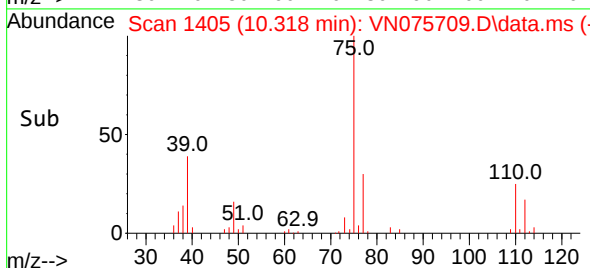
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

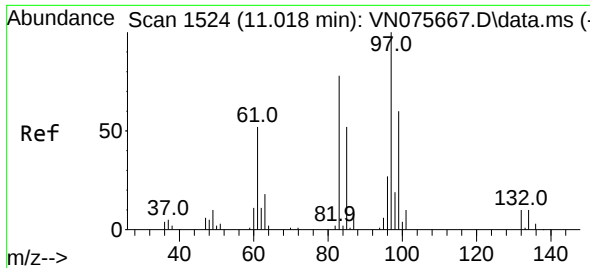


#54
cis-1,3-Dichloropropene
Concen: 20.676 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41



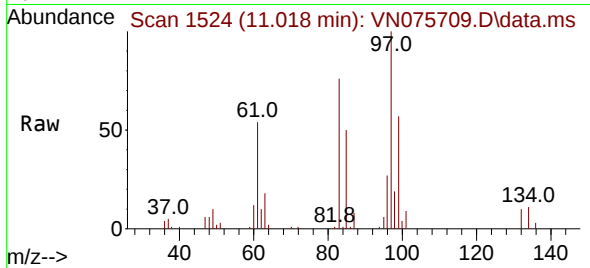
Tgt Ion: 75 Resp: 64945
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9
39 39.2 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 20.790 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

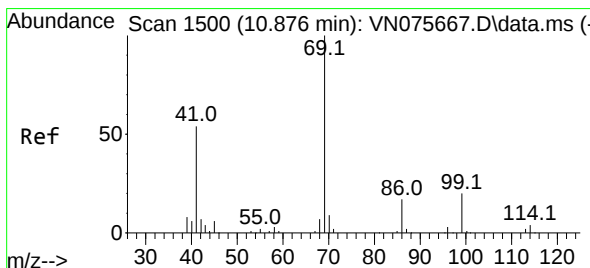
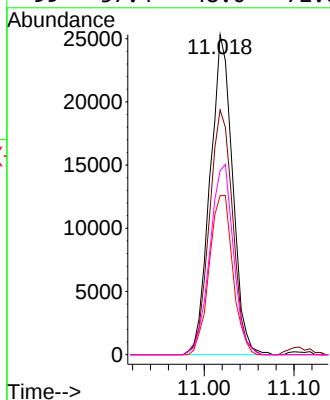
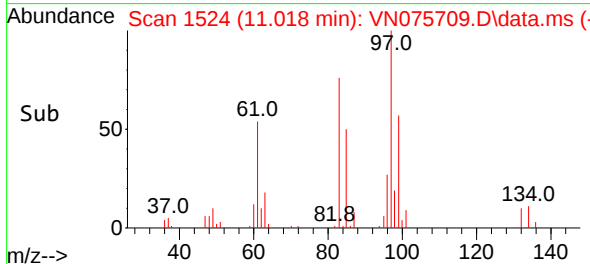
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.5	62.7	94.1
85	49.7	41.8	62.6
99	57.4	48.0	72.0

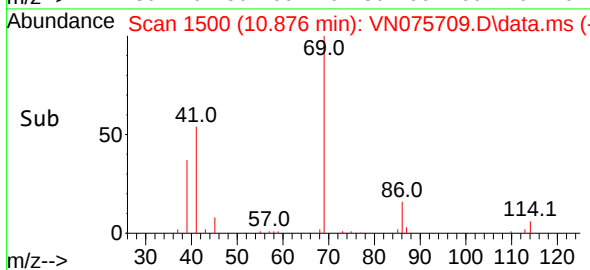
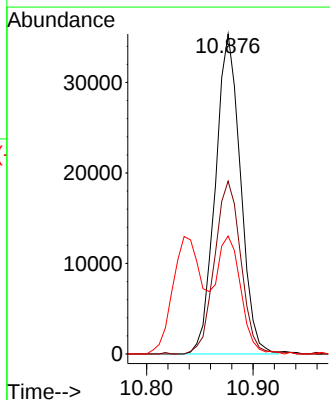
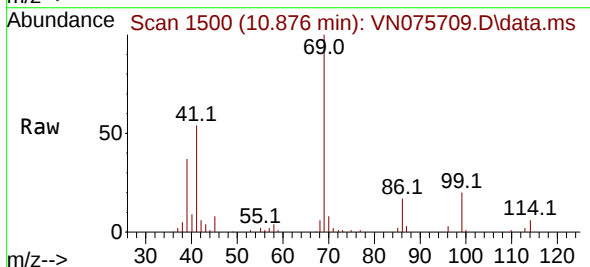
Manual Integrations
APPROVED

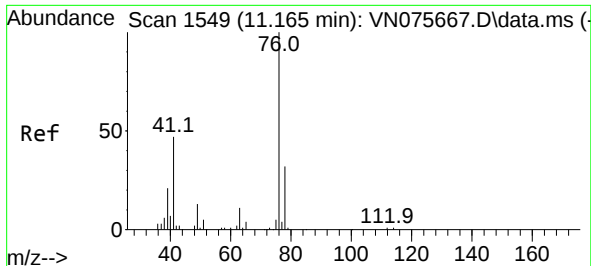
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#56
Ethyl methacrylate
Concen: 20.107 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.7	44.1	66.1
39	35.0	27.7	41.5





#57

1,3-Dichloropropane

Concen: 20.809 ug/l

RT: 11.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN1212MBS01

Tgt Ion: 76 Resp: 7137

Ion Ratio Lower Upper

76 100

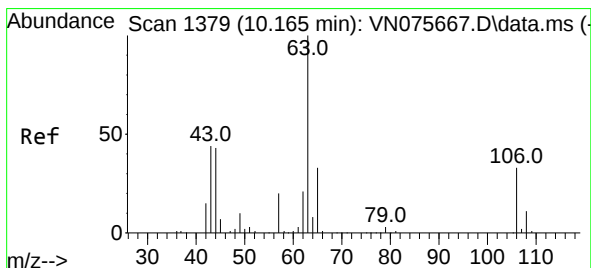
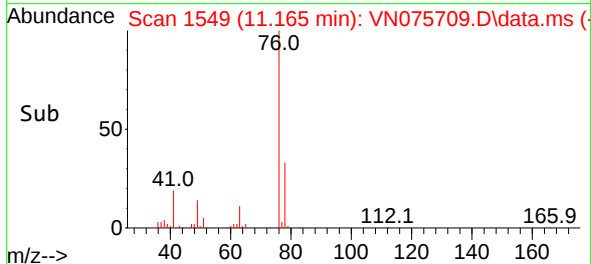
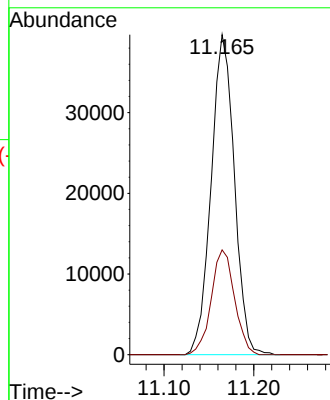
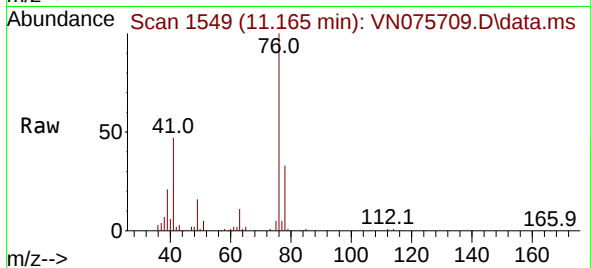
78 32.8 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 95.548 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075709.D

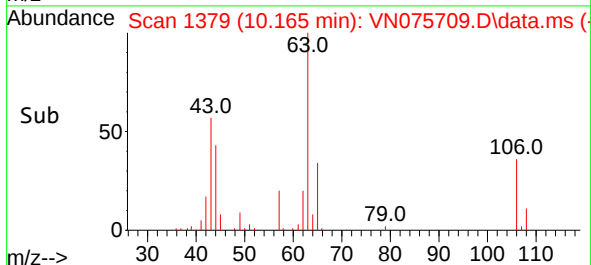
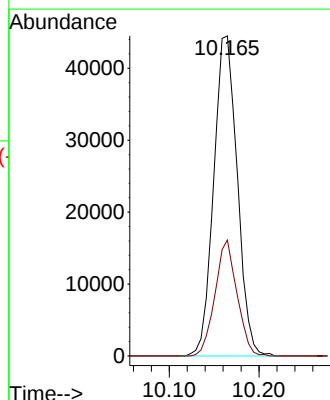
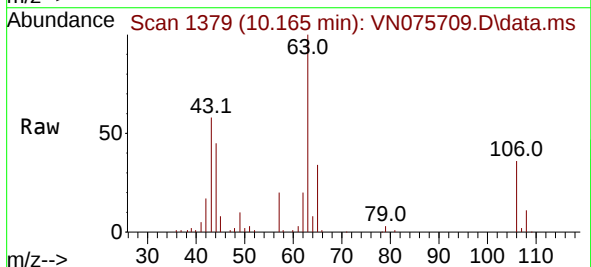
Acq: 12 Dec 2022 13:41

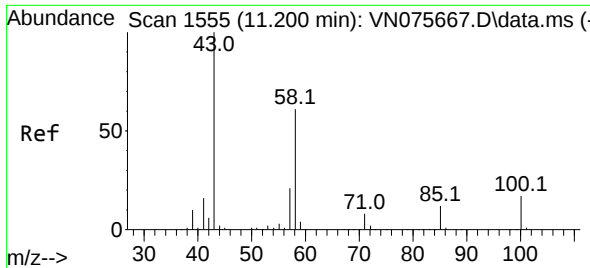
Tgt Ion: 63 Resp: 81114

Ion Ratio Lower Upper

63 100

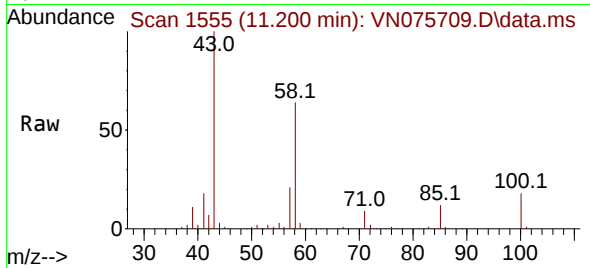
106 33.8 26.6 40.0





#59
2-Hexanone
Concen: 101.986 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

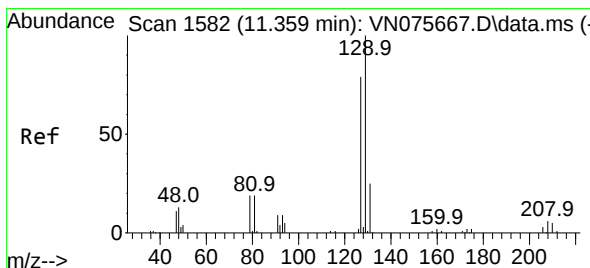
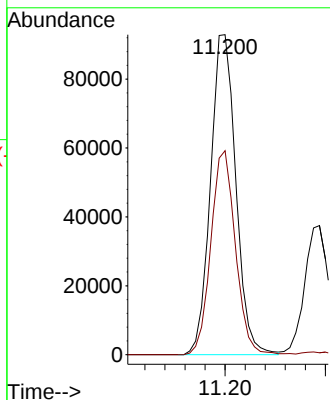
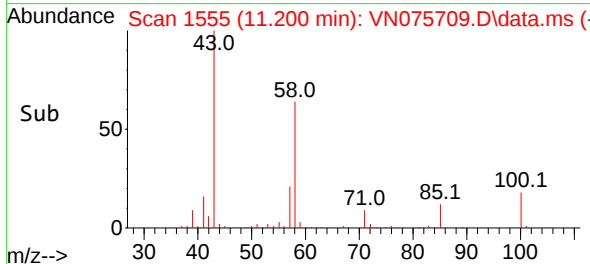
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



Tgt Ion: 43 Resp: 162930
Ion Ratio Lower Upper
43 100
58 61.8 30.9 92.5

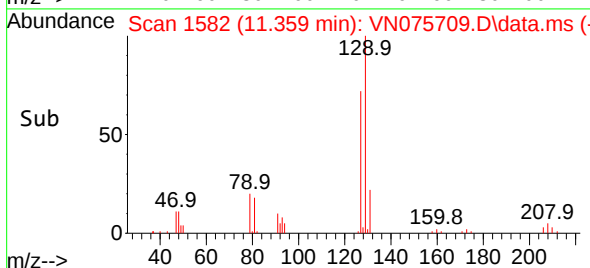
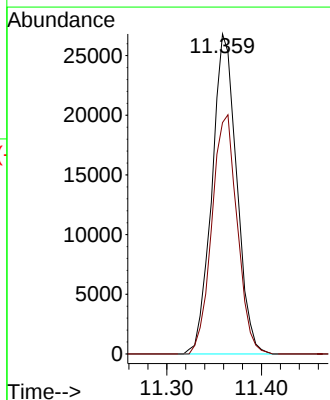
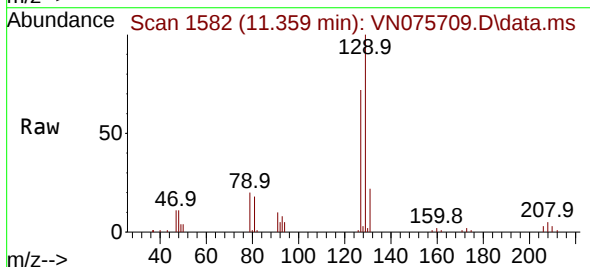
Manual Integrations
APPROVED

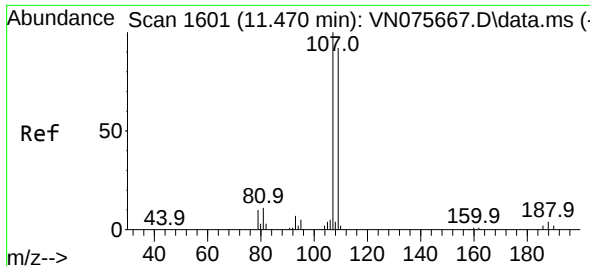
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#60
Dibromochloromethane
Concen: 20.862 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Tgt Ion:129 Resp: 48713
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





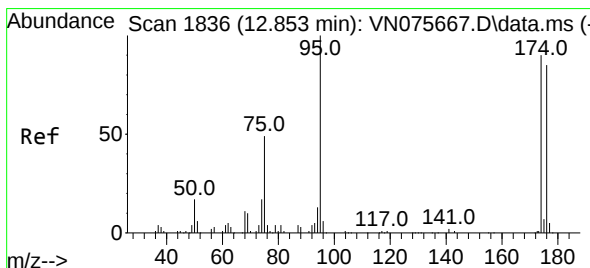
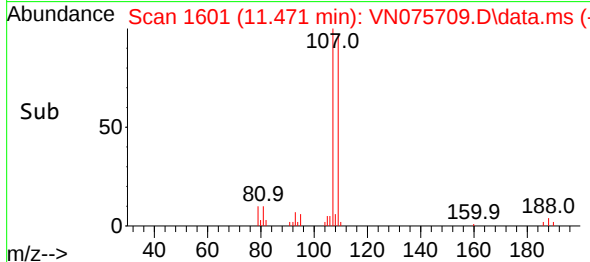
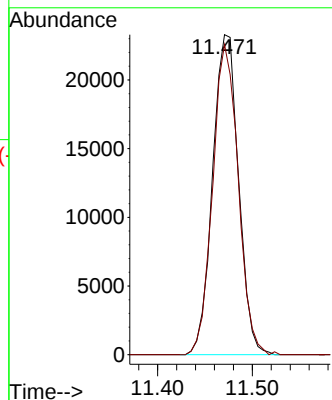
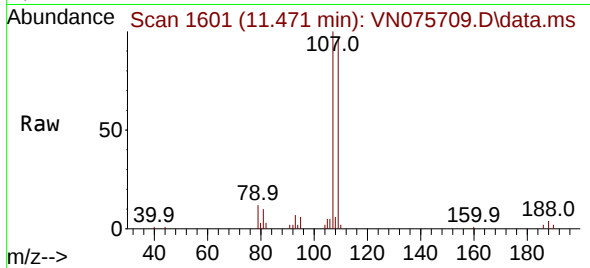
#61
1,2-Dibromoethane
Concen: 19.941 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion:107 Resp: 4433
Ion Ratio Lower Upper
107 100
109 95.8 75.4 113.2

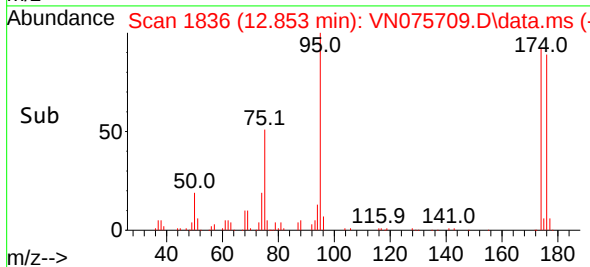
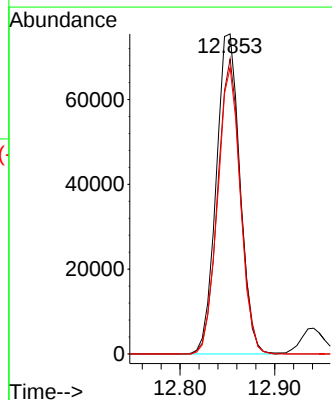
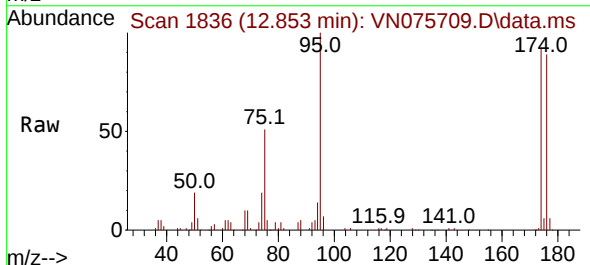
Manual Integrations
APPROVED

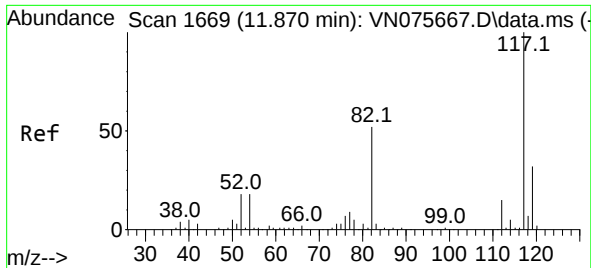
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#62
4-Bromofluorobenzene
Concen: 51.118 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

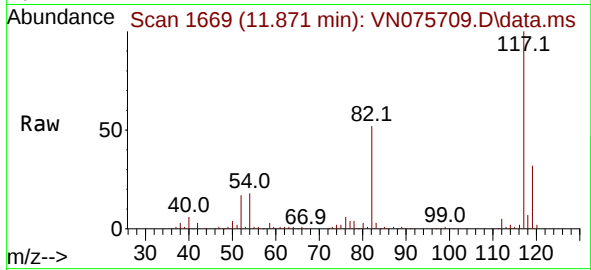
Tgt Ion: 95 Resp: 131511
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.6
176 85.4 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

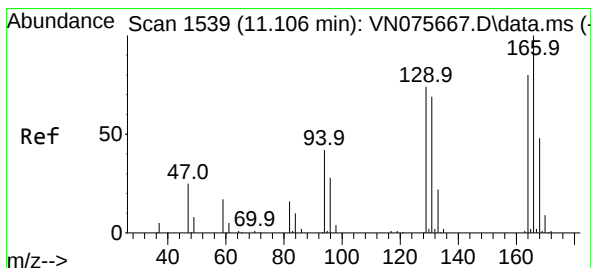
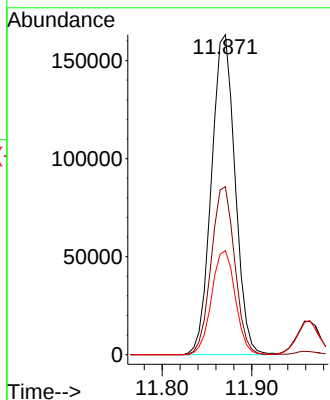
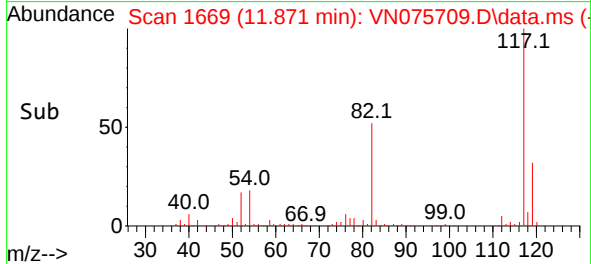
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



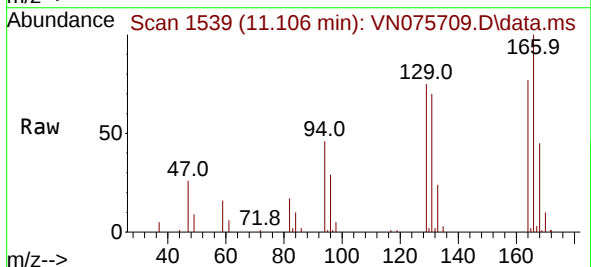
Tgt Ion:117 Resp: 29869
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.8
119 32.5 25.8 38.6

Manual Integrations
APPROVED

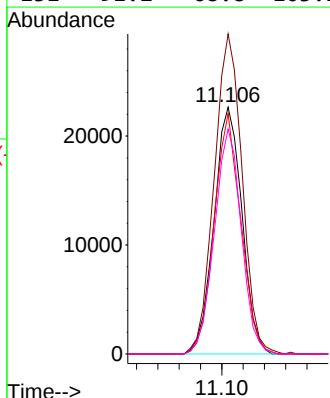
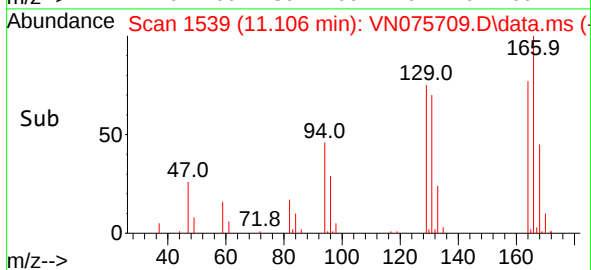
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

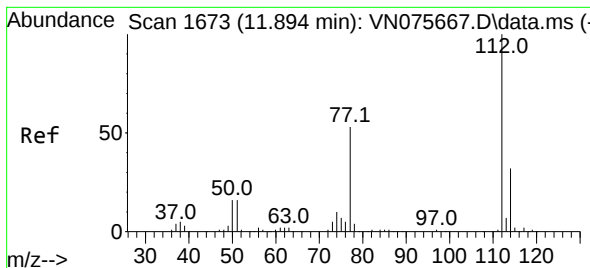


#64
Tetrachloroethene
Concen: 18.940 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41



Tgt Ion:164 Resp: 41207
Ion Ratio Lower Upper
164 100
166 129.7 100.3 150.5
129 97.5 73.9 110.9
131 91.2 68.8 103.2





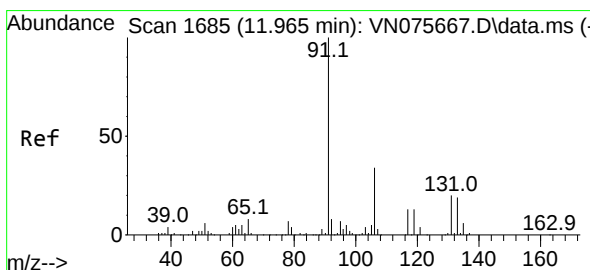
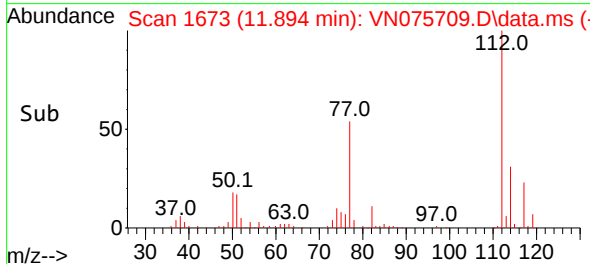
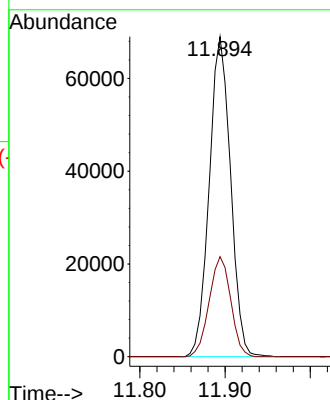
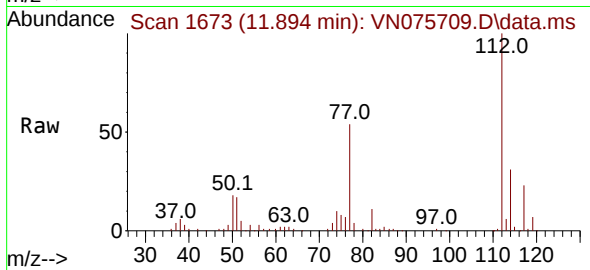
#65
Chlorobenzene
Concen: 19.533 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion:112 Resp: 12004
Ion Ratio Lower Upper
112 100
114 31.2 25.5 38.3

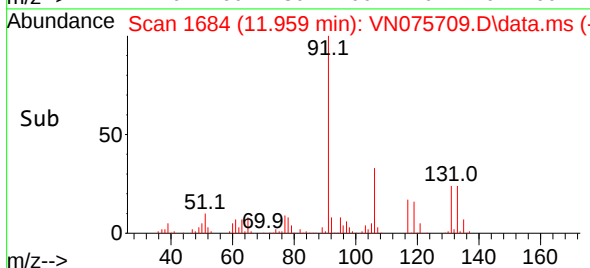
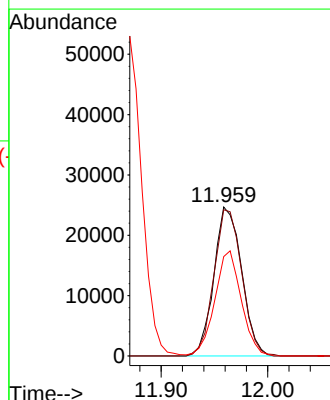
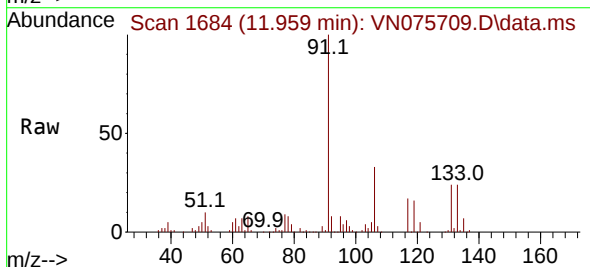
Manual Integrations
APPROVED

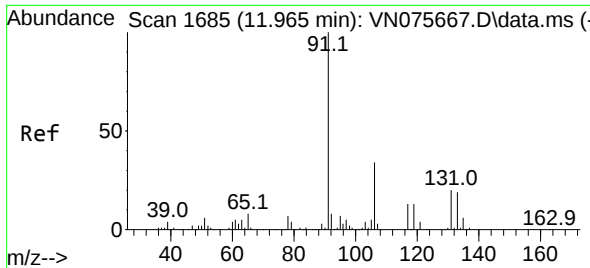
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.964 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Tgt Ion:131 Resp: 44639
Ion Ratio Lower Upper
131 100
133 98.5 47.5 142.6
119 67.4 32.5 97.4





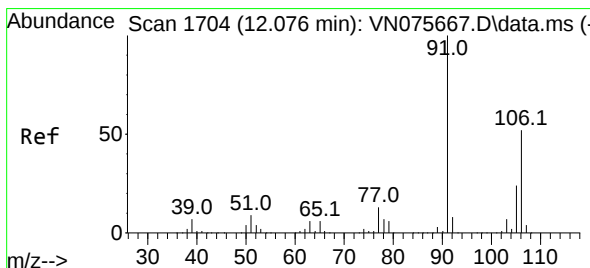
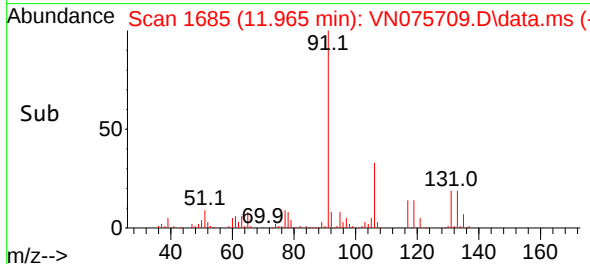
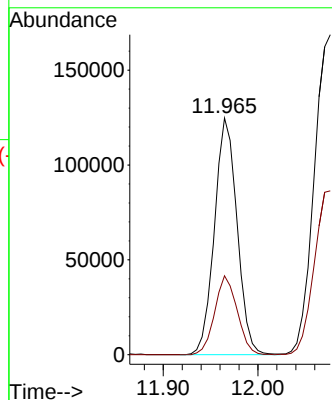
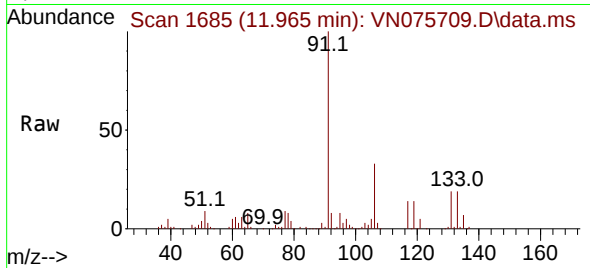
#67
Ethyl Benzene
Concen: 19.911 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion: 91 Resp: 207004
Ion Ratio Lower Upper
91 100
106 33.3 26.9 40.3

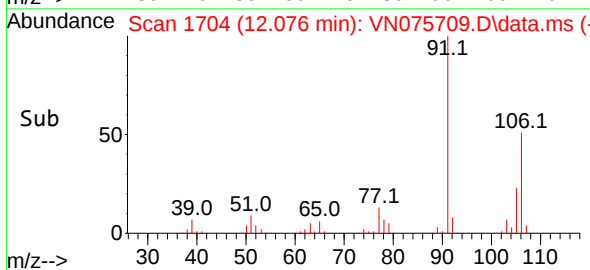
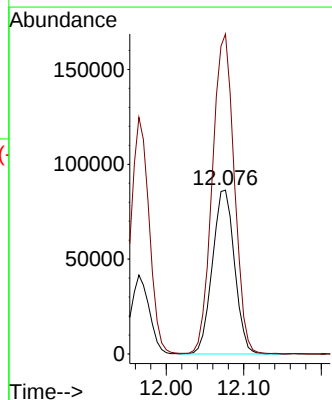
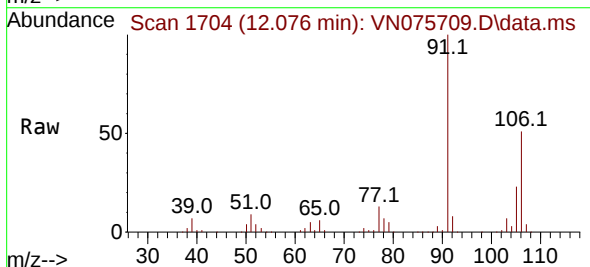
Manual Integrations
APPROVED

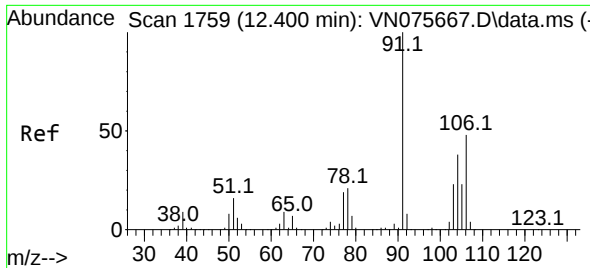
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#68
m/p-Xylenes
Concen: 40.772 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Tgt Ion:106 Resp: 171277
Ion Ratio Lower Upper
106 100
91 193.9 156.2 234.4





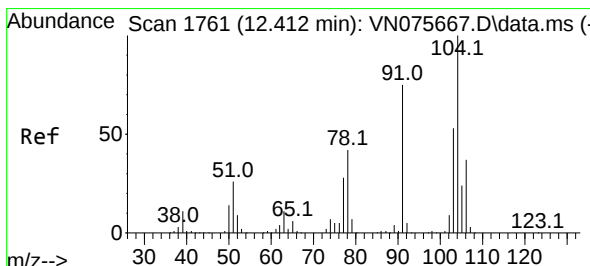
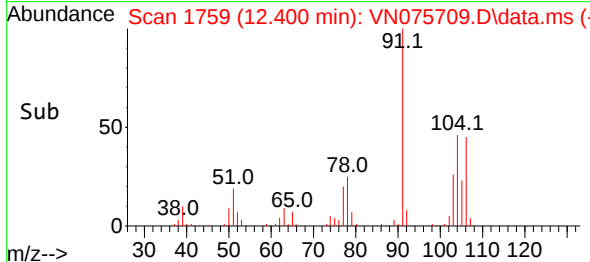
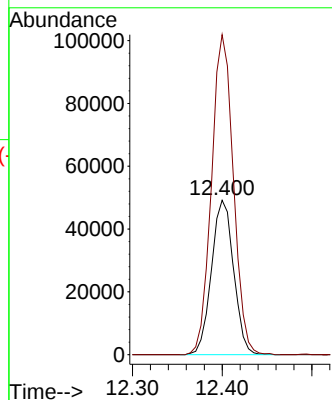
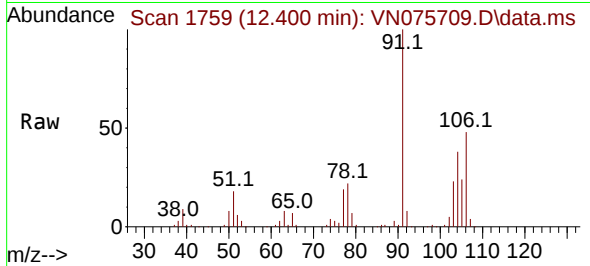
#69
o-Xylene
Concen: 20.691 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion:106 Resp: 84340
Ion Ratio Lower Upper
106 100
91 204.6 102.8 308.5

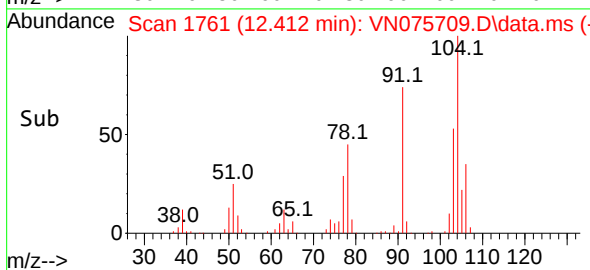
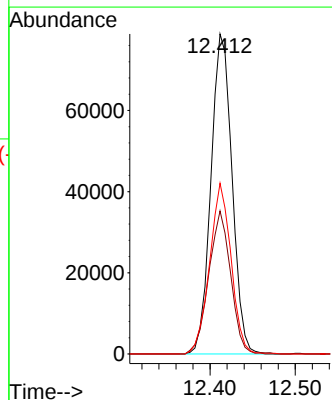
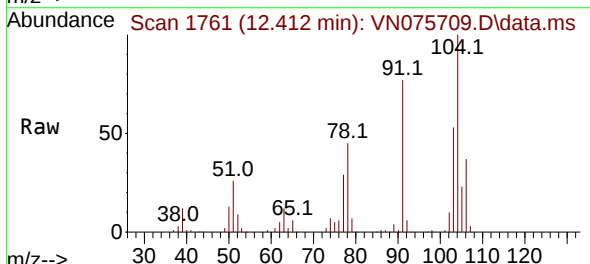
Manual Integrations
APPROVED

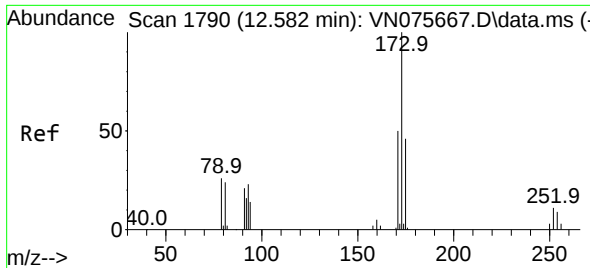
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#70
Styrene
Concen: 20.753 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

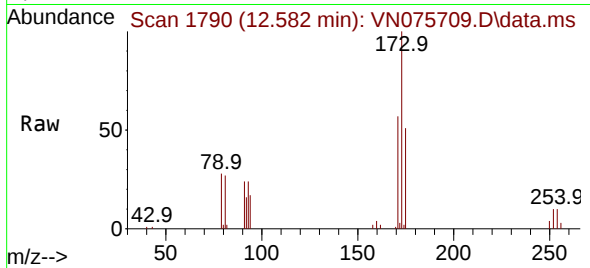
Tgt Ion:104 Resp: 135685
Ion Ratio Lower Upper
104 100
78 46.3 36.7 55.1
103 54.3 44.0 66.0





#71
Bromoform
Concen: 20.781 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

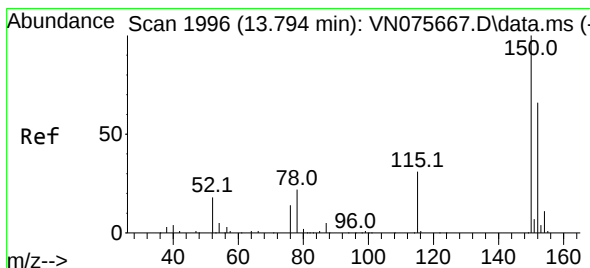
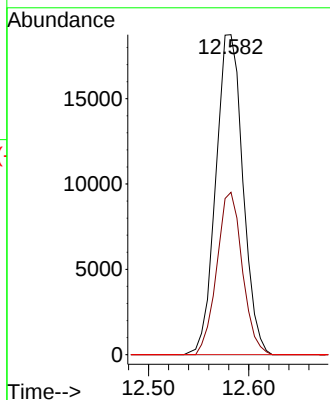
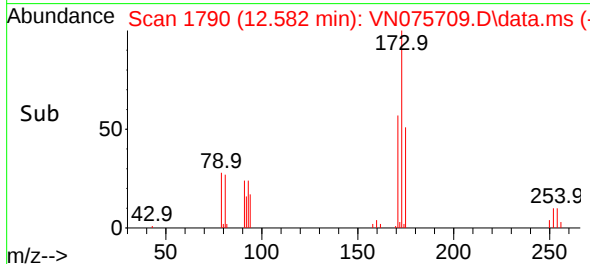
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



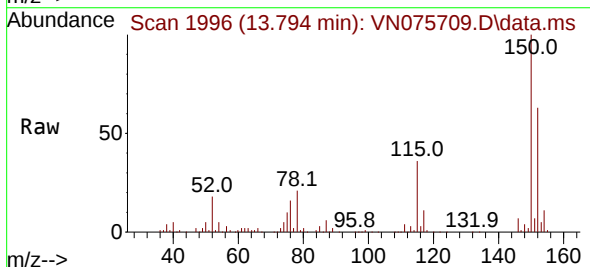
Tgt Ion:173 Resp: 3522
Ion Ratio Lower Upper
173 100
175 47.8 23.8 71.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

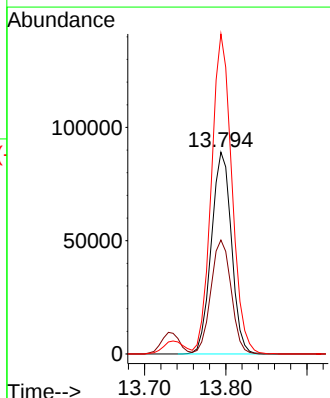
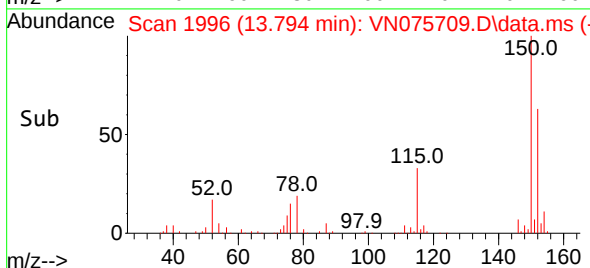
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

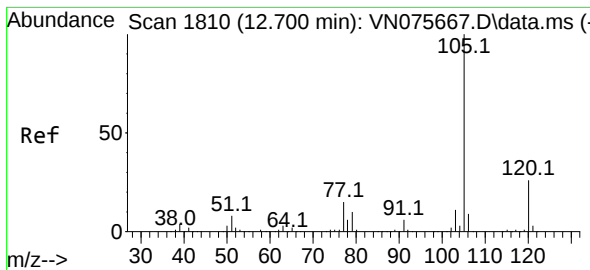


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41



Tgt Ion:152 Resp: 153301
Ion Ratio Lower Upper
152 100
115 56.8 28.4 85.2
150 161.1 0.0 347.6





#73

Isopropylbenzene

Concen: 19.661 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN1212MBS01

Tgt Ion:105 Resp: 21641

Ion Ratio Lower Upper

105 100

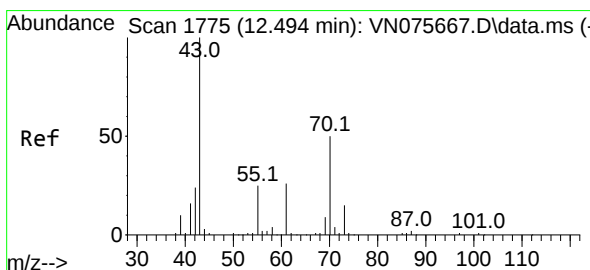
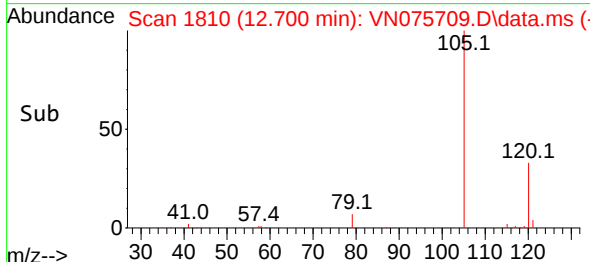
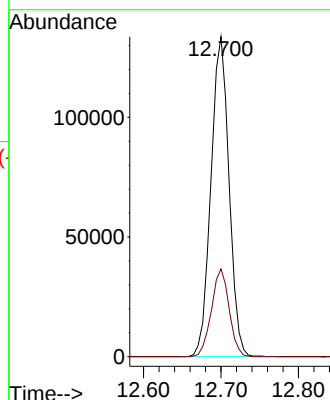
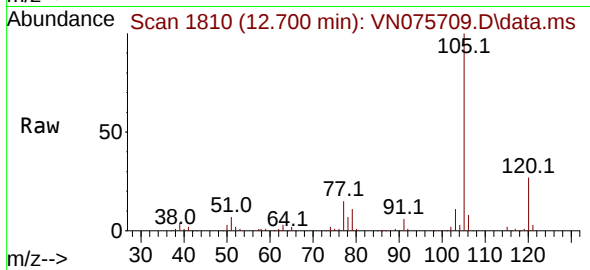
120 26.8 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#74

N-ethyl acetate

Concen: 19.446 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Tgt Ion: 43 Resp: 62193

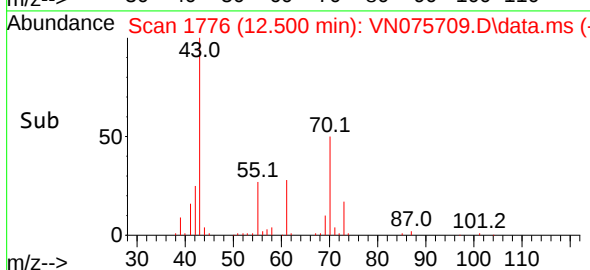
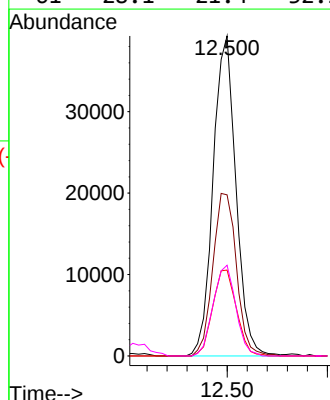
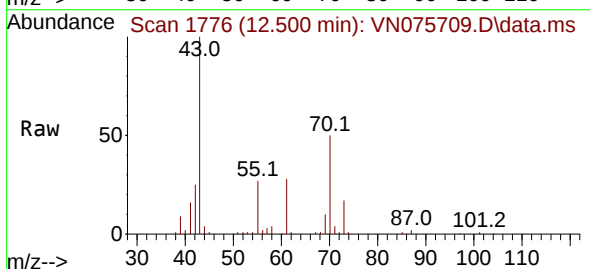
Ion Ratio Lower Upper

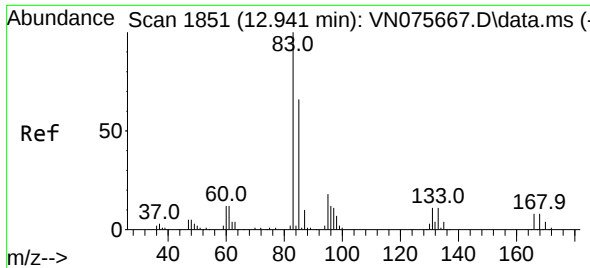
43 100

70 52.6 41.0 61.6

55 28.0 20.7 31.1

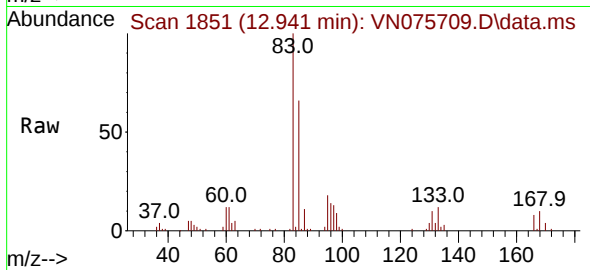
61 28.1 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.521 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

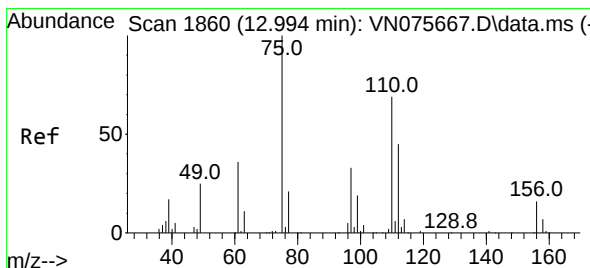
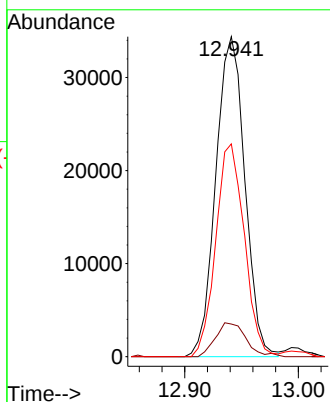
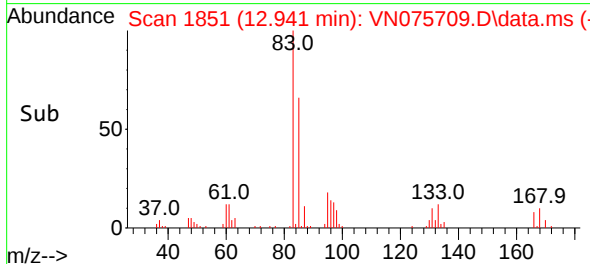
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



Tgt Ion: 83 Resp: 61240
Ion Ratio Lower Upper
83 100
131 11.1 5.6 16.8
85 65.2 32.6 97.7

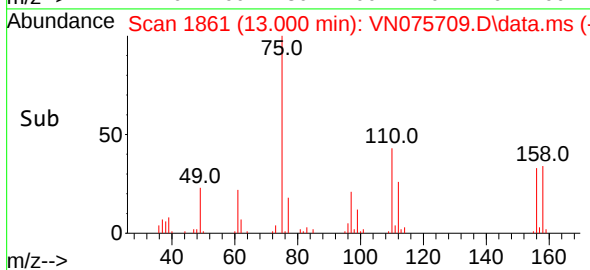
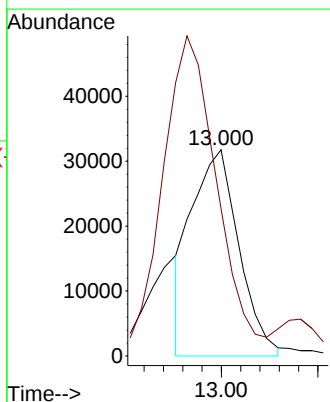
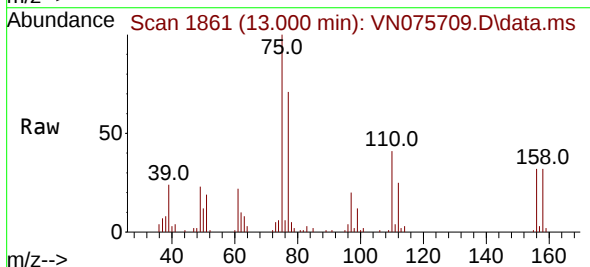
Manual Integrations
APPROVED

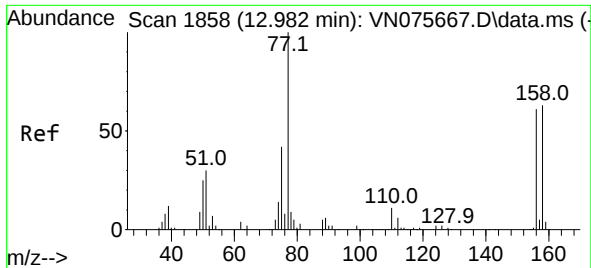
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#76
1,2,3-Trichloropropane
Concen: 17.538 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Tgt Ion: 75 Resp: 53995
Ion Ratio Lower Upper
75 100
77 179.3 81.8 245.4





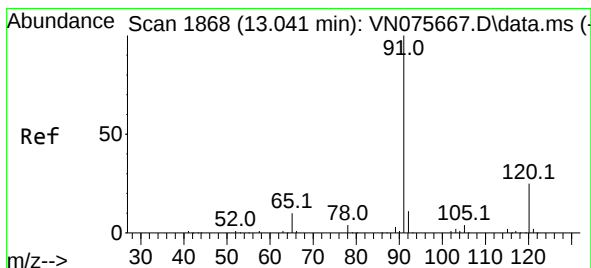
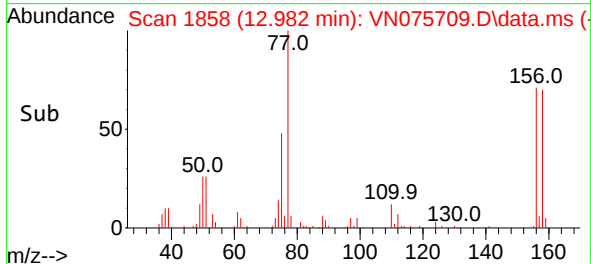
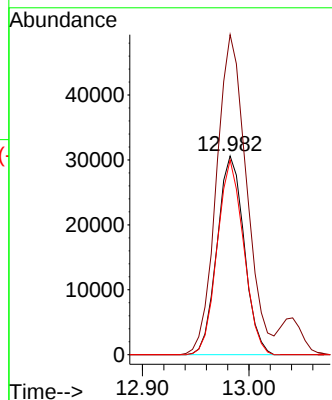
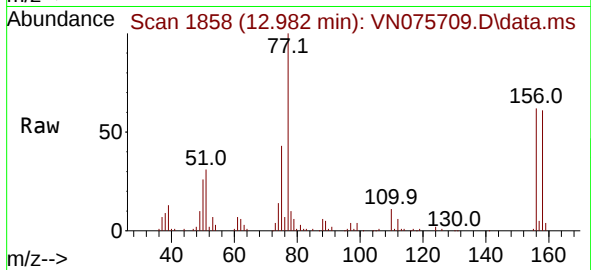
#77
Bromobenzene
Concen: 19.466 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion:156 Resp: 5388
Ion Ratio Lower Upper
156 100
77 179.7 90.8 272.5
158 95.6 49.3 147.8

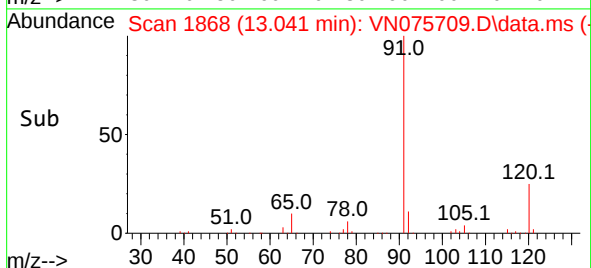
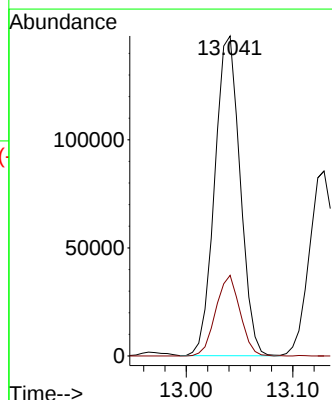
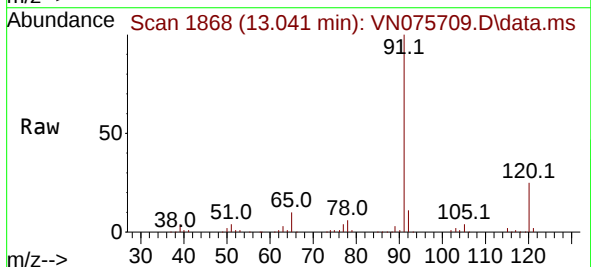
Manual Integrations
APPROVED

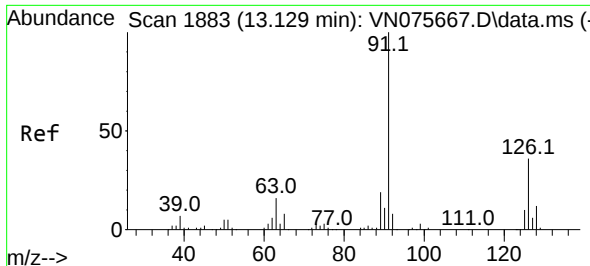
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#78
n-propylbenzene
Concen: 20.014 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Tgt Ion: 91 Resp: 244463
Ion Ratio Lower Upper
91 100
120 24.1 12.1 36.3





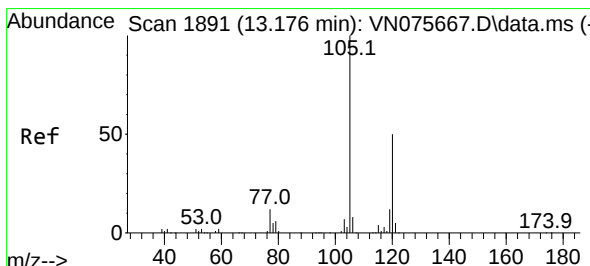
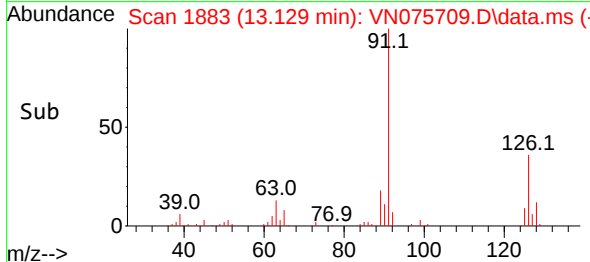
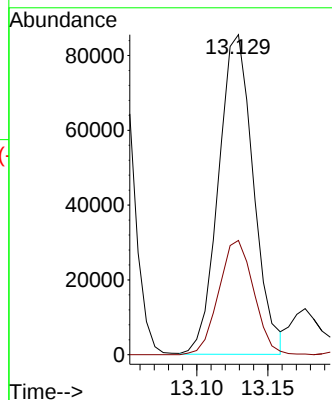
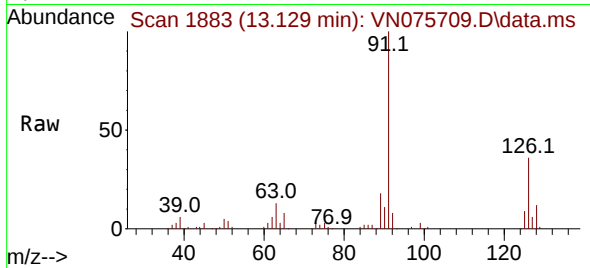
#79
2-Chlorotoluene
Concen: 19.428 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion: 91 Resp: 146500
Ion Ratio Lower Upper
91 100
126 35.8 17.8 53.4

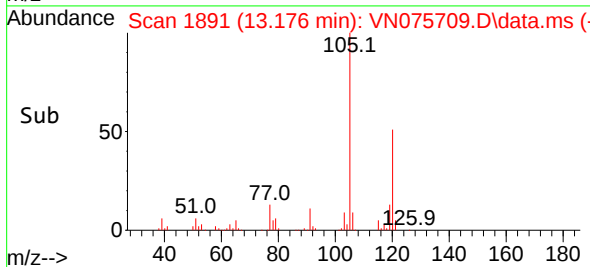
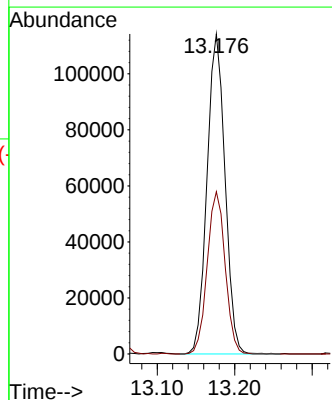
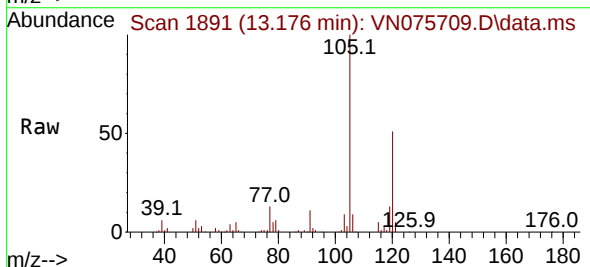
Manual Integrations
APPROVED

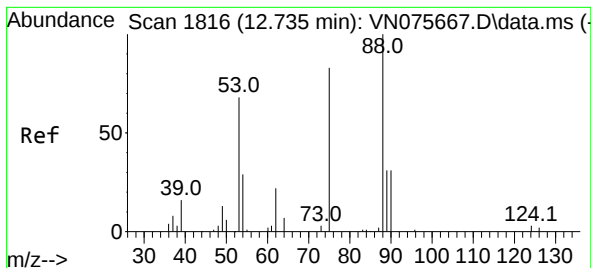
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.979 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

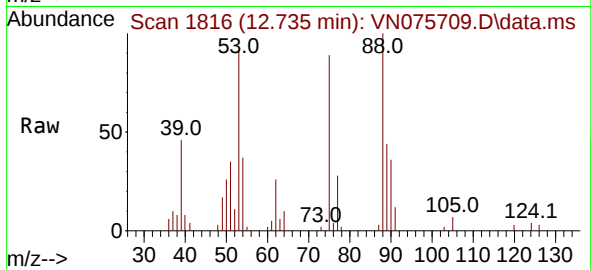
Tgt Ion:105 Resp: 183859
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.781 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

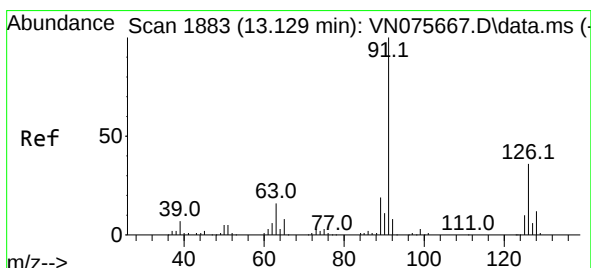
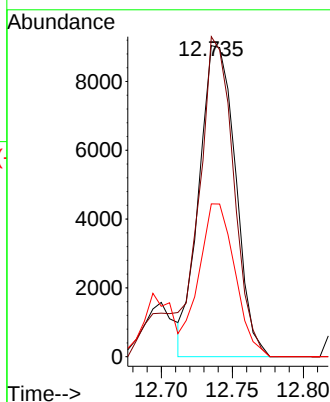
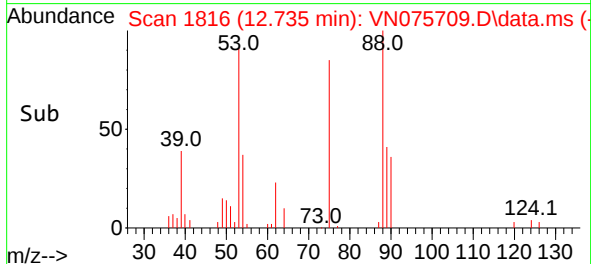
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



Tgt Ion: 75 Resp: 16072
Ion Ratio Lower Upper
75 100
53 109.6 72.4 108.6
89 49.0 36.6 55.0

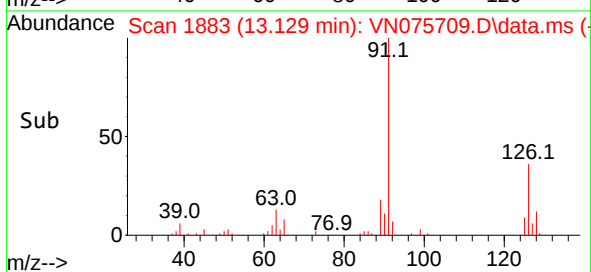
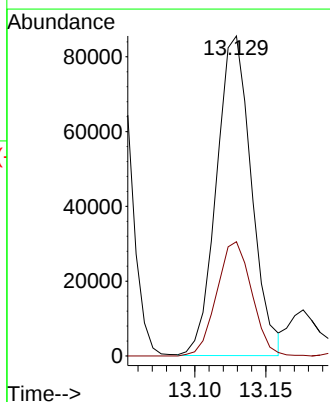
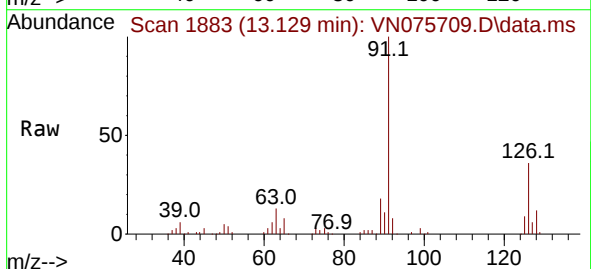
Manual Integrations
APPROVED

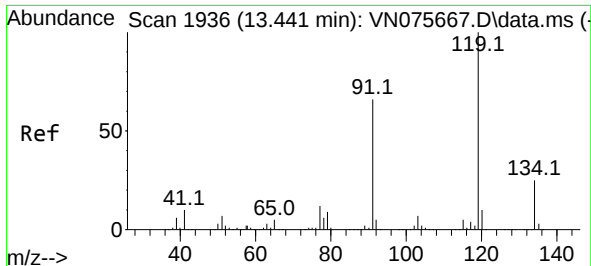
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#82
4-Chlorotoluene
Concen: 19.428 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Tgt Ion: 91 Resp: 146500
Ion Ratio Lower Upper
91 100
126 35.8 17.8 53.4





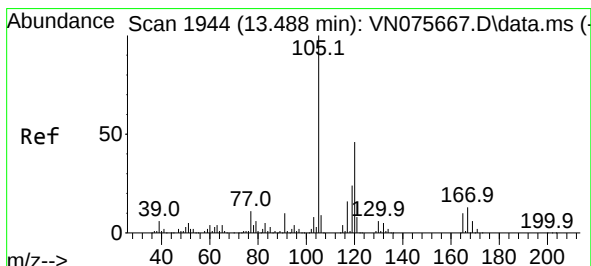
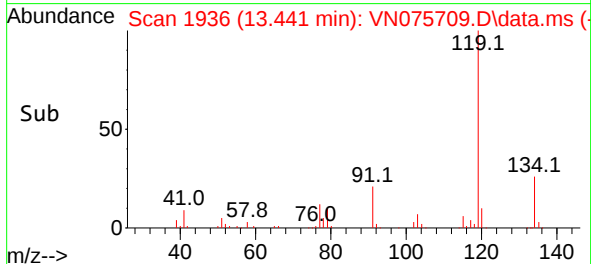
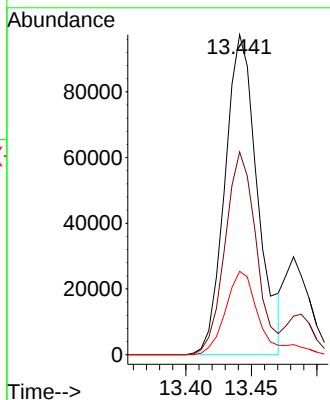
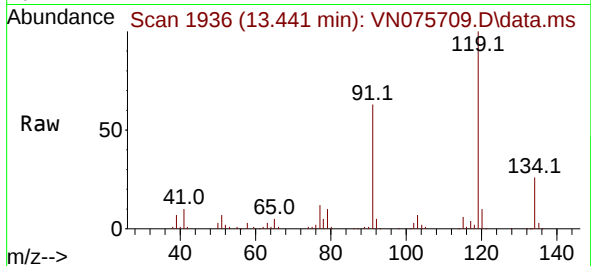
#83
tert-Butylbenzene
Concen: 20.156 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion:119 Resp: 16821
Ion Ratio Lower Upper
119 100
91 60.8 31.9 95.9
134 27.3 13.9 41.7

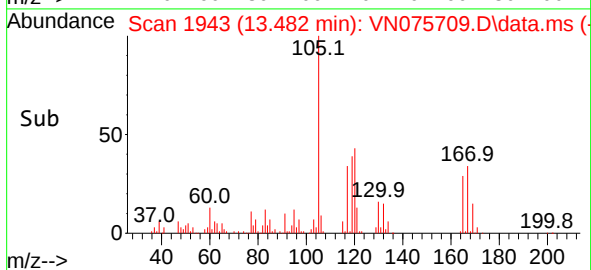
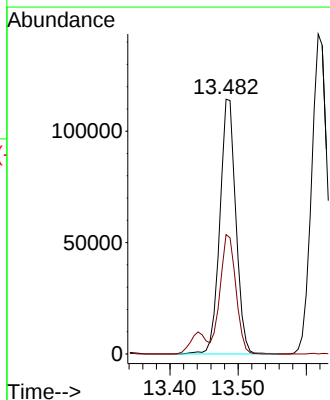
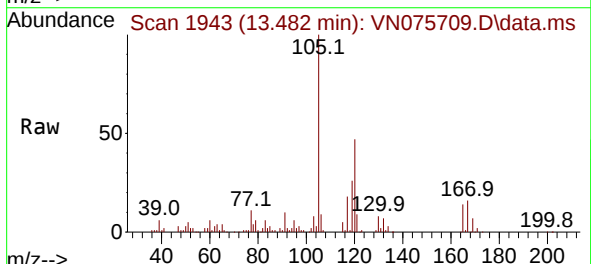
Manual Integrations
APPROVED

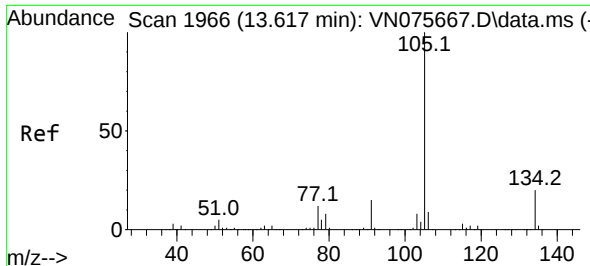
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.157 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

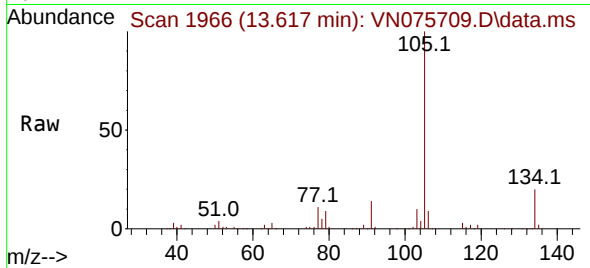
Tgt Ion:105 Resp: 186434
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 20.139 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075709.D
 Acq: 12 Dec 2022 13:41

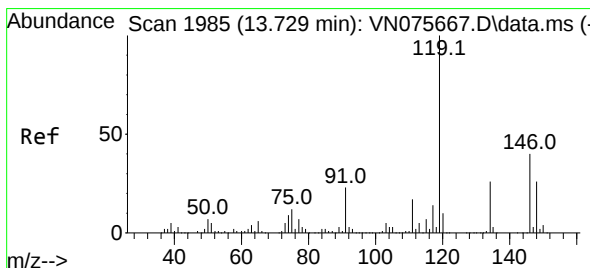
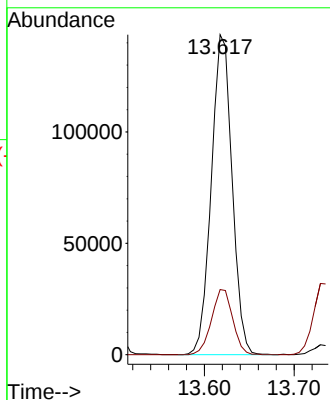
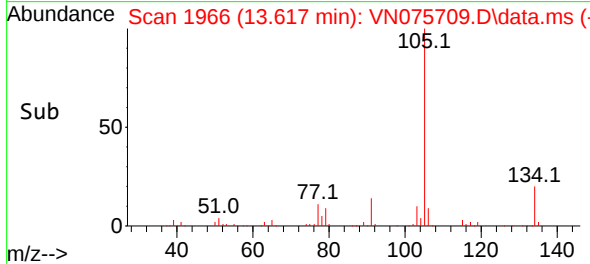
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212MBS01



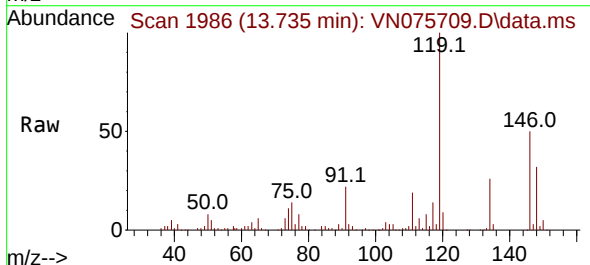
Tgt Ion:105 Resp: 231056
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

Manual Integrations
 APPROVED

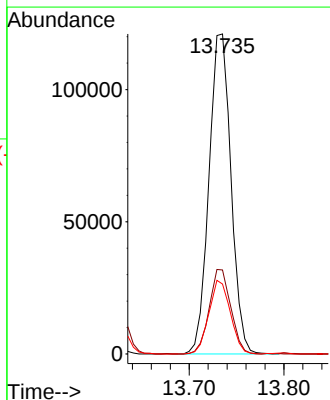
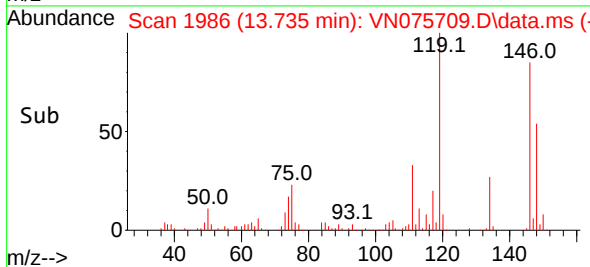
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

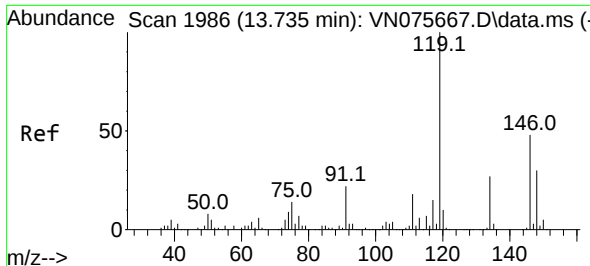


#86
 p-Isopropyltoluene
 Concen: 20.379 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075709.D
 Acq: 12 Dec 2022 13:41



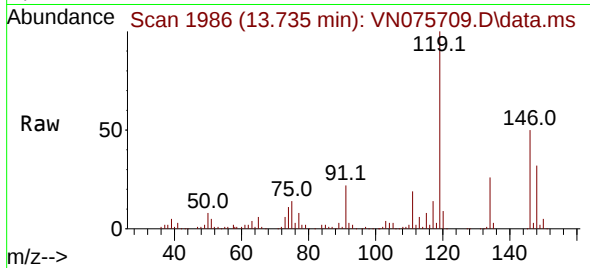
Tgt Ion:119 Resp: 195629
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.9
 91 22.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.247 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

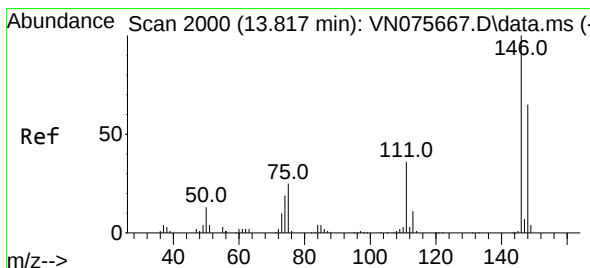
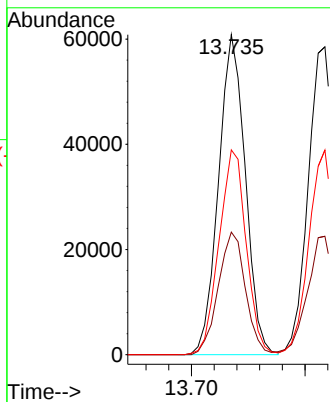
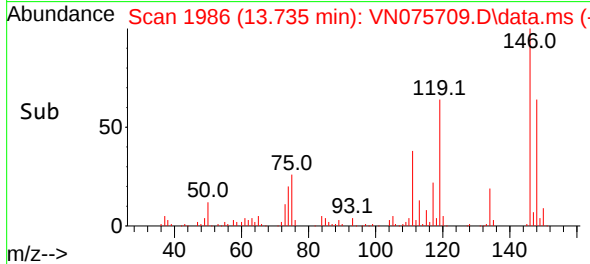
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



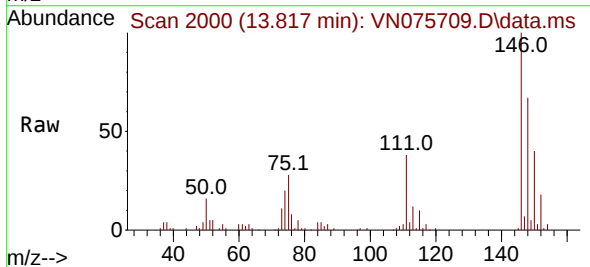
Tgt Ion:146 Resp: 99638
Ion Ratio Lower Upper
146 100
111 38.9 19.8 59.3
148 65.0 32.1 96.3

Manual Integrations
APPROVED

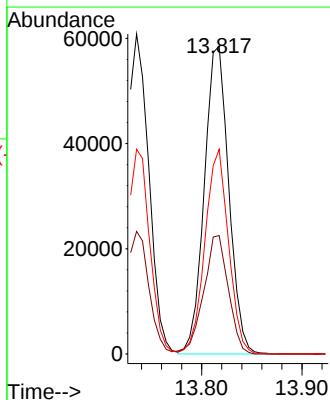
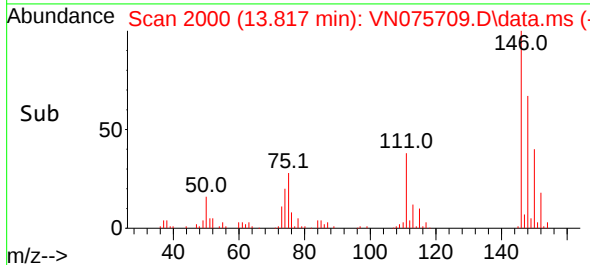
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

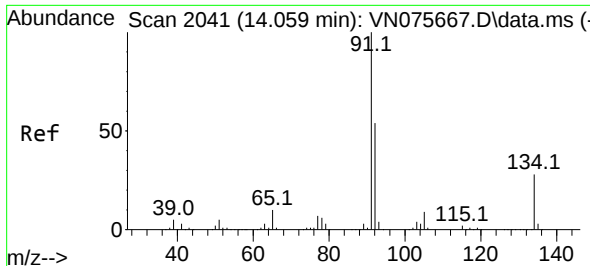


#88
1,4-Dichlorobenzene
Concen: 18.867 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41



Tgt Ion:146 Resp: 99348
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.1
148 64.2 32.1 96.3





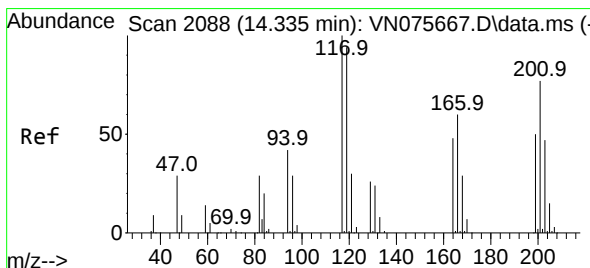
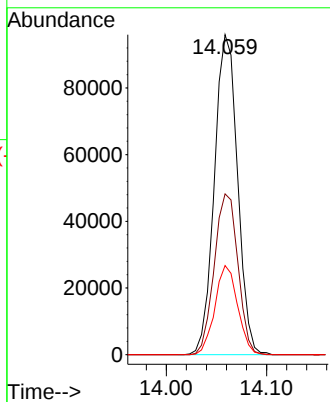
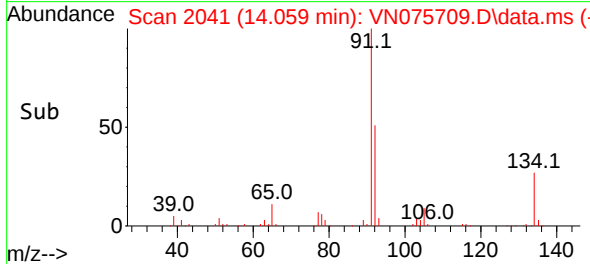
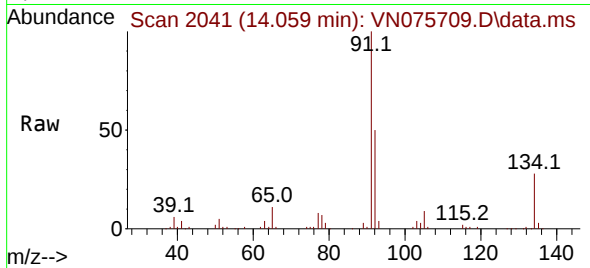
#89
n-Butylbenzene
Concen: 19.998 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion: 91 Resp: 153860
Ion Ratio Lower Upper
91 100
92 51.3 26.7 80.1
134 27.4 13.9 41.7

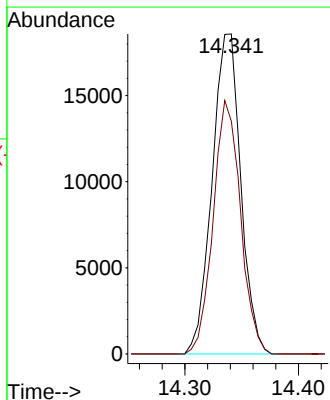
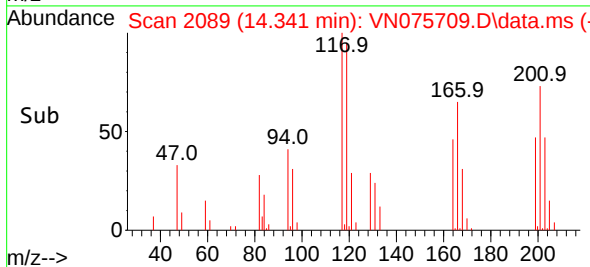
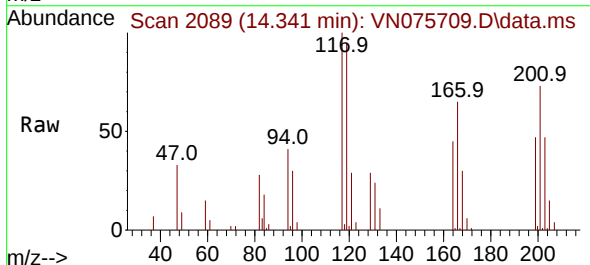
Manual Integrations
APPROVED

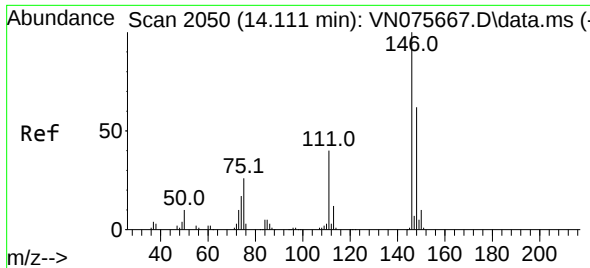
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#90
Hexachloroethane
Concen: 19.829 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Tgt Ion:117 Resp: 32604
Ion Ratio Lower Upper
117 100
201 75.5 39.2 117.6





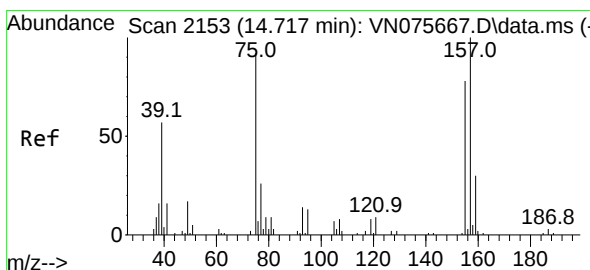
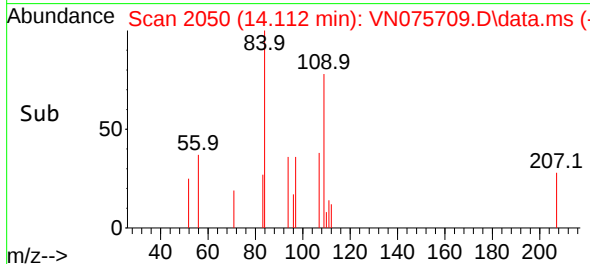
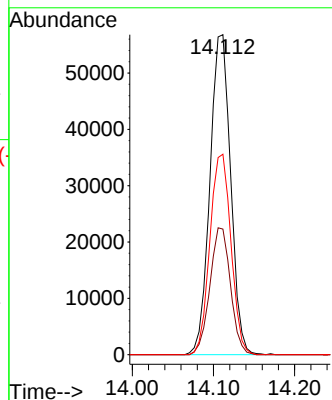
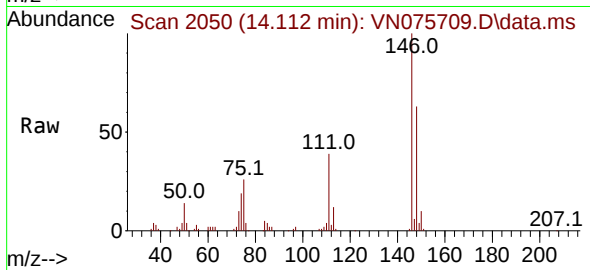
#91
1,2-Dichlorobenzene
Concen: 19.525 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01

Tgt Ion:146 Resp: 10057
Ion Ratio Lower Upper
146 100
111 39.4 20.1 60.3
148 63.8 31.9 95.5

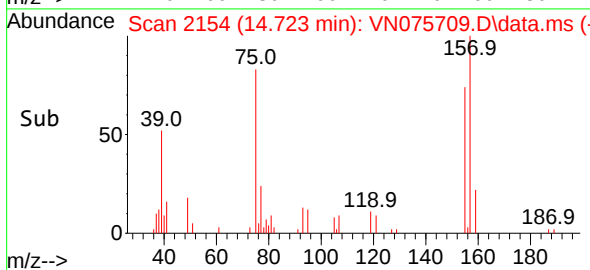
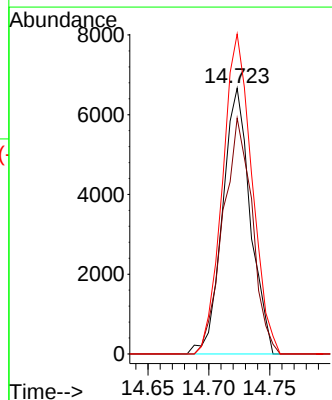
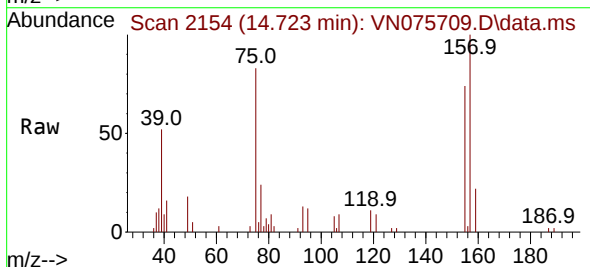
Manual Integrations
APPROVED

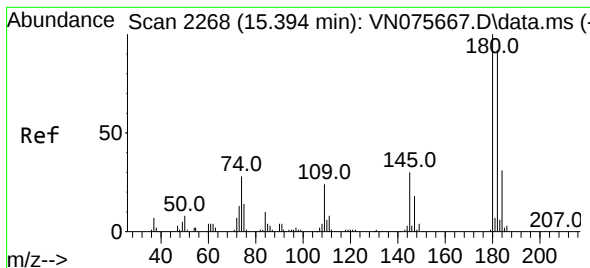
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.526 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

Tgt Ion: 75 Resp: 10609
Ion Ratio Lower Upper
75 100
155 93.0 48.4 145.2
157 127.3 63.5 190.6





#93

1,2,4-Trichlorobenzene

Concen: 19.755 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN1212MBS01

Tgt Ion:180 Resp: 4885

Ion Ratio Lower Upper

180 100

182 95.9 47.1 141.3

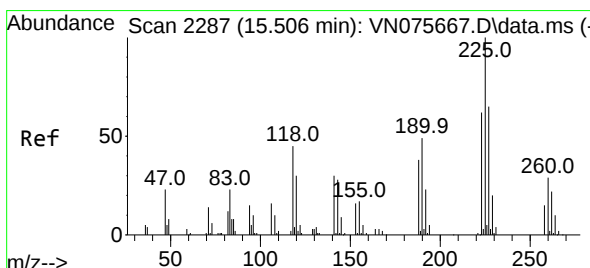
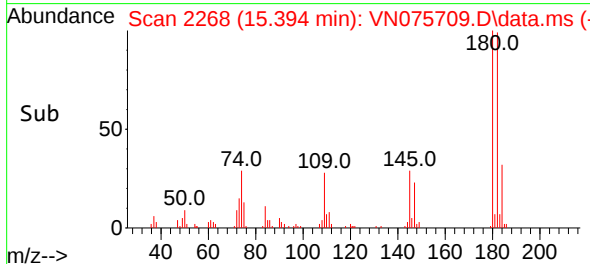
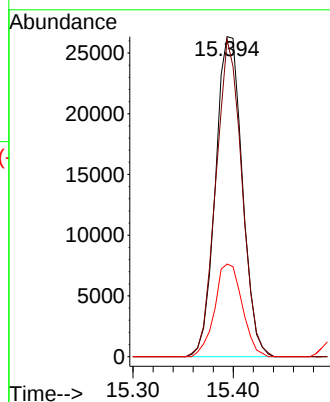
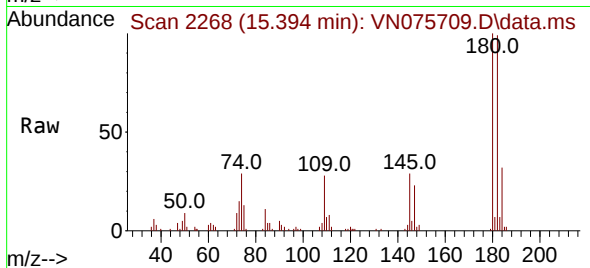
145 29.7 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#94

Hexachlorobutadiene

Concen: 19.642 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN075709.D

Acq: 12 Dec 2022 13:41

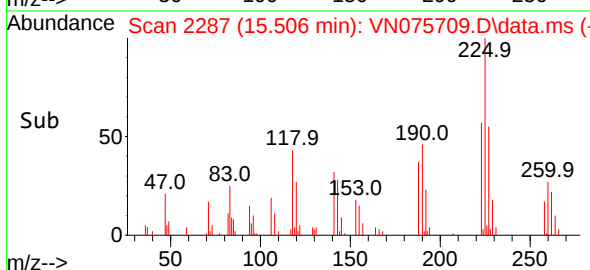
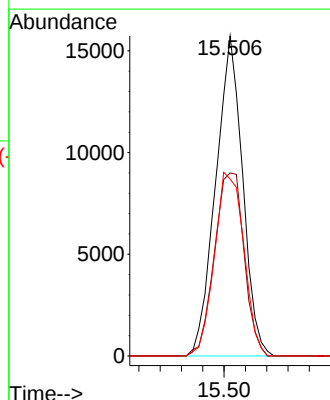
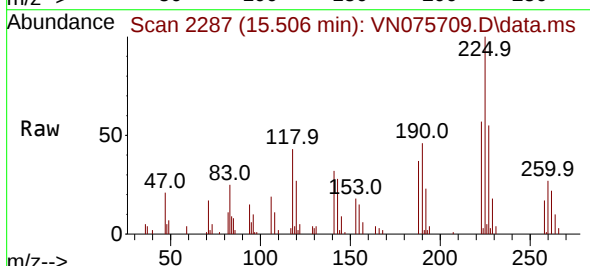
Tgt Ion:225 Resp: 27561

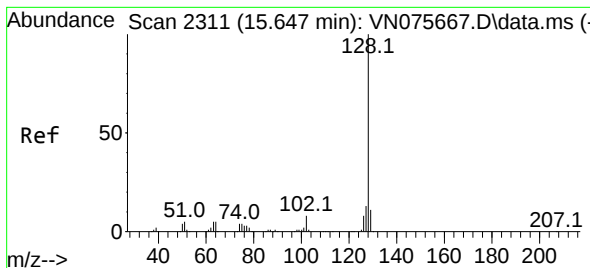
Ion Ratio Lower Upper

225 100

223 63.2 31.4 94.2

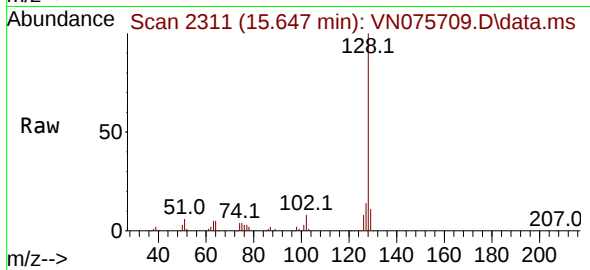
227 62.5 31.3 93.9





#95
Naphthalene
Concen: 18.828 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41

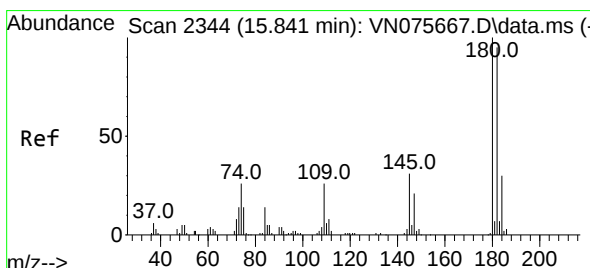
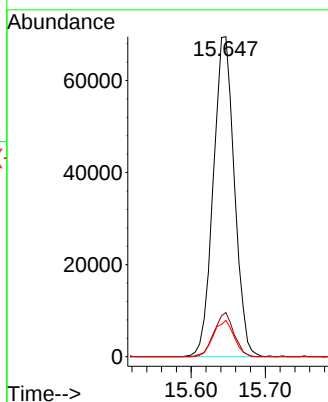
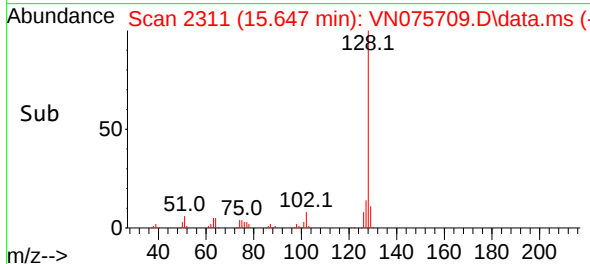
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBS01



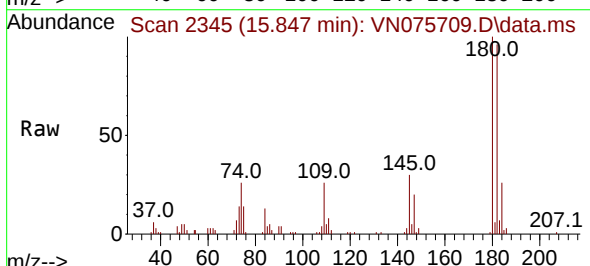
Tgt Ion:128 Resp: 137624
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.300 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075709.D
Acq: 12 Dec 2022 13:41



Tgt Ion:180 Resp: 46901
Ion Ratio Lower Upper
180 100
182 94.1 46.8 140.4
145 31.1 15.6 46.8

