

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075063.D
 Acq On : 28 Oct 2022 16:12
 Operator : JC\MD
 Sample : VN1028WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 31 02:54:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	12336	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	74842	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	68472	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	38971	34.551	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 115.167%#			
60) 4-Bromofluorobenzene	12.853	95	39949	29.694	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.967%			
63) Toluene-d8	10.571	98	115168	30.073	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.233%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	14612	24.332	ug/l	99
3) Chloromethane	2.371	50	16848	21.328	ug/l	98
4) Vinyl Chloride	2.518	62	25653	21.476	ug/l	99
5) Bromomethane	2.912	94	18630	19.727	ug/l	100
6) Chloroethane	3.089	64	20304	22.037	ug/l	99
7) Trichlorofluoromethane	3.483	101	31729	24.684	ug/l	94
8) Diethyl Ether	3.965	74	12199	23.081	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	17071	22.655	ug/l	75
10) 1,1-Dichloroethene	4.342	96	16061	22.725	ug/l	92
11) Methyl Iodide	4.589	142	24041	21.804	ug/l	99
12) Methyl Acetate	5.047	43	27333	22.830	ug/l	98
13) Acrolein	4.183	56	16957	115.637	ug/l	99
14) Acrylonitrile	5.730	53	54167	109.509	ug/l	98
15) Acetone	4.447	58	15740	113.898	ug/l	95
16) Carbon Disulfide	4.706	76	31736	20.397	ug/l	98
17) Allyl chloride	5.030	41	24173m	25.526	ug/l	
18) Methylene Chloride	5.277	84	22038	24.890	ug/l	94
19) trans-1,2-Dichloroethene	5.789	96	17645	22.457	ug/l	93
20) Diisopropyl ether	6.683	45	54484	22.167	ug/l	95
21) 1,1-Dichloroethane	6.577	63	35608	23.325	ug/l	95
22) cis-1,2-Dichloroethene	7.483	96	21444m	21.599	ug/l	
23) tert-Butyl Alcohol	5.553	59	24997	109.170	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	66937	23.157	ug/l #	90
25) Chloroform	7.965	83	37496	22.233	ug/l	99
26) Cyclohexane	8.265	56	26657	21.737	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	24671	19.218	ug/l	96
30) 2-Butanone	7.488	43	74224	100.298	ug/l	97
31) 2,2-Dichloropropane	7.494	77	30952	19.738	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	32693	19.664	ug/l	99
33) Carbon Tetrachloride	8.371	117	27101	18.512	ug/l	97
34) Benzene	8.612	78	79176	20.174	ug/l #	95
35) Methacrylonitrile	7.782	41	14713	20.743	ug/l	94
36) 1,2-Dichloroethane	8.671	62	30041	20.658	ug/l	99
37) Trichloroethene	9.353	130	18819	19.296	ug/l	100
38) Methylcyclohexane	9.600	83	30153	18.943	ug/l	95
39) 1,2-Dichloropropane	9.624	63	20171	20.416	ug/l	90
40) Dibromomethane	9.712	93	14501	19.346	ug/l	96
41) Bromodichloromethane	9.894	83	28337	19.417	ug/l	96
42) Vinyl Acetate	6.612	43	230330m	110.497	ug/l	

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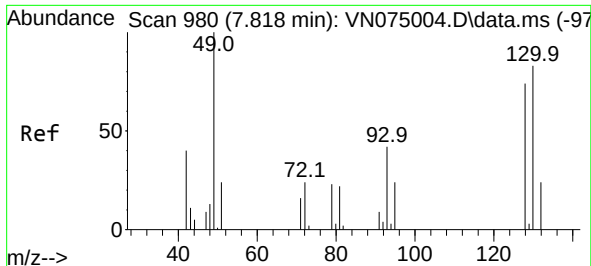
Manual Integrations
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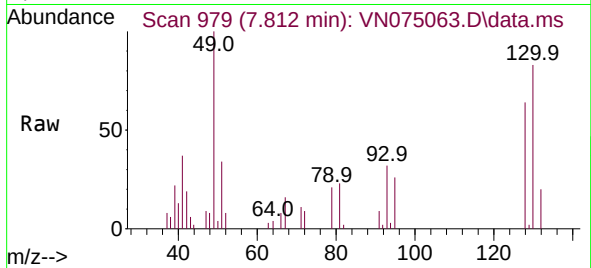
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	28704	19.626	ug/l	99
44) Isopropyl Acetate	8.694	43	45031	19.195	ug/l	95
45) 1,4-Dioxane	9.700	88	11708	405.469	ug/l #	91
46) Methyl methacrylate	9.688	41	20856	19.818	ug/l	88
47) n-amyl Acetate	12.494	43	40720	20.205	ug/l	95
48) t-1,3-Dichloropropene	10.835	75	29380	18.428	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	31429	18.756	ug/l	91
50) 1,1,2-Trichloroethane	11.023	97	21637	19.703	ug/l	98
51) Ethyl methacrylate	10.876	69	32796	19.168	ug/l	90
52) 1,3-Dichloropropane	11.165	76	36279	19.752	ug/l	100
53) Dibromochloromethane	11.359	129	21833	18.382	ug/l	99
54) 1,2-Dibromoethane	11.470	107	21552	18.970	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	80680	115.416	ug/l	98
56) Bromoform	12.582	173	13920	15.963	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	153030	103.614	ug/l	95
59) 2-Hexanone	11.200	43	117494	103.703	ug/l	93
61) Tetrachloroethene	11.106	164	16572	21.763	ug/l	86
62) Toluene	10.629	91	89818	20.260	ug/l	98
64) Chlorobenzene	11.894	112	54762	19.933	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	19709	18.780	ug/l	95
66) Ethyl Benzene	11.965	91	97591	19.533	ug/l	100
67) m/p-Xylenes	12.070	106	76953	38.404	ug/l	96
68) o-Xylene	12.400	106	40224	19.971	ug/l	93
69) Styrene	12.412	104	62244	18.897	ug/l	99
70) Isopropylbenzene	12.700	105	101121	19.269	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	34586	20.232	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	27946m	18.003	ug/l	
73) Bromobenzene	12.982	156	21293	18.229	ug/l	88
74) n-propylbenzene	13.035	91	114910	19.553	ug/l	100
75) 2-Chlorotoluene	13.129	91	70179	19.623	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	84531	19.015	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	9466	17.458	ug/l	97
78) 4-Chlorotoluene	13.223	91	68901	19.835	ug/l	98
79) tert-butylbenzene	13.441	119	74710	18.822	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	86621	19.155	ug/l #	81
81) sec-Butylbenzene	13.617	105	107926	19.341	ug/l	99
82) p-Isopropyltoluene	13.729	119	85559	18.175	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	43023	18.625	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	42116	18.898	ug/l	98
85) n-Butylbenzene	14.059	91	69976	18.533	ug/l	97
86) Hexachloroethane	14.335	117	15225	17.453	ug/l	92
87) 1,2-Dichlorobenzene	14.106	146	42487	18.595	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	6983	19.434	ug/l	96
89) 1,2,4-Trichlorobenzene	15.394	180	19141	18.966	ug/l	97
90) Hexachlorobutadiene	15.506	225	9018	19.429	ug/l	98
91) Naphthalene	15.641	128	73204	18.302	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	18633	18.239	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

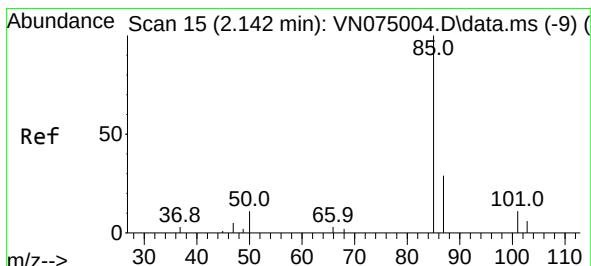
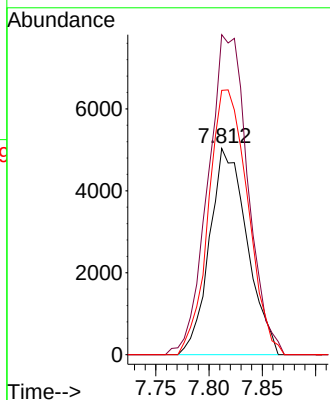
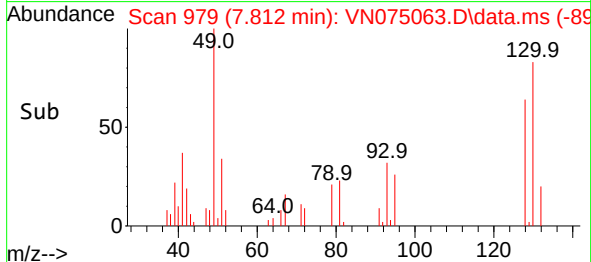
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion:128 Resp: 12330
Ion Ratio Lower Upper
128 100
49 164.5 0.0 392.3
130 134.3 0.0 320.2

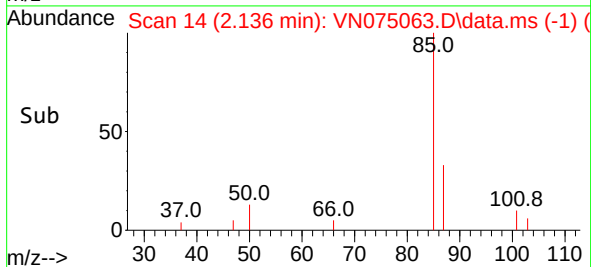
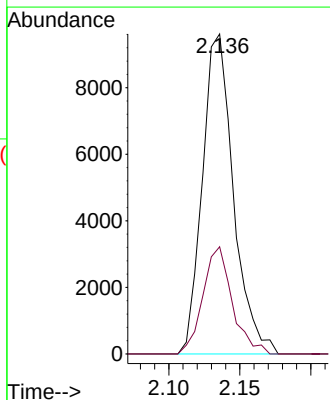
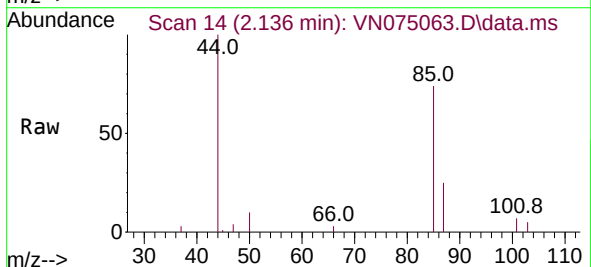
Manual Integrations
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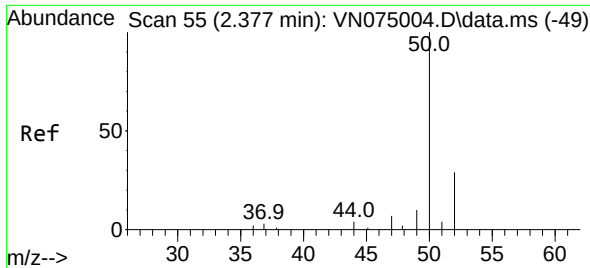
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 24.332 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

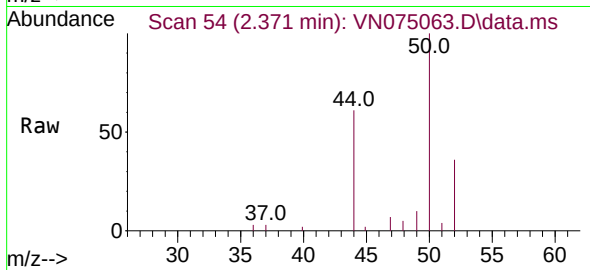
Tgt Ion: 85 Resp: 14612
Ion Ratio Lower Upper
85 100
87 33.5 16.6 49.7





#3
Chloromethane
Concen: 21.328 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

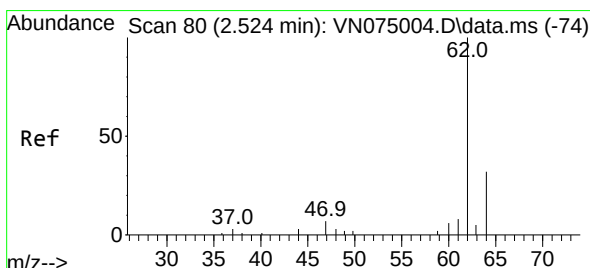
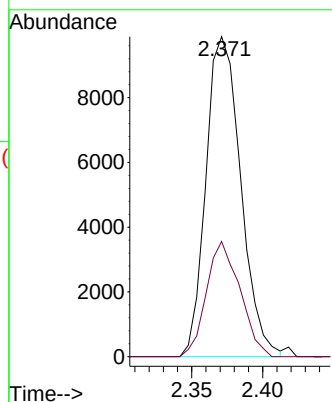
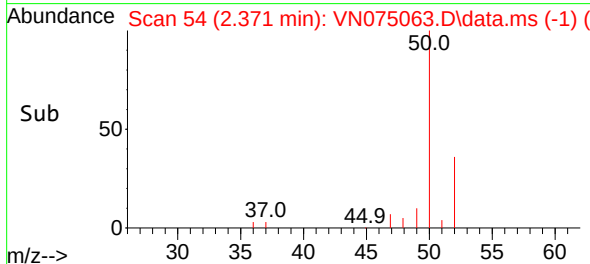
Instrument :
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VN1028WBSD01



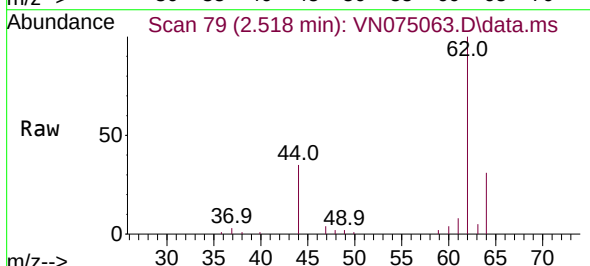
Tgt Ion: 50 Resp: 1684
Ion Ratio Lower Upper
50 100
52 36.0 27.8 41.6

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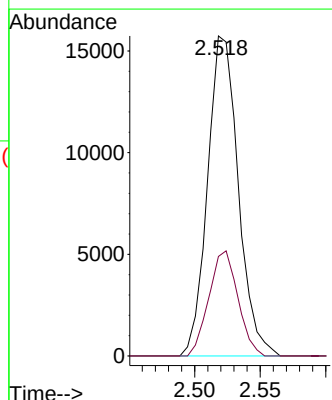
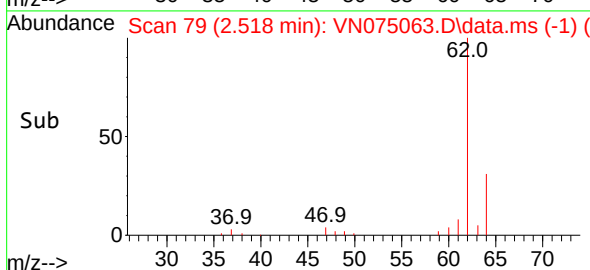
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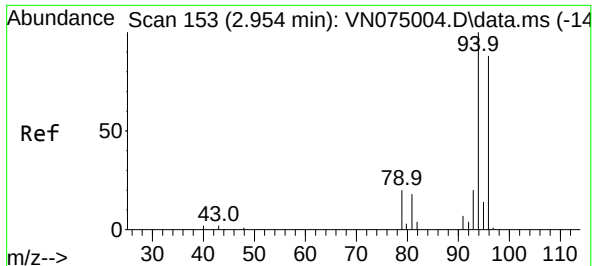


#4
Vinyl Chloride
Concen: 21.476 ug/l
RT: 2.518 min Scan# 79
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12



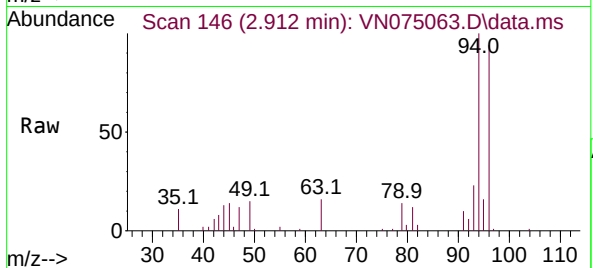
Tgt Ion: 62 Resp: 25653
Ion Ratio Lower Upper
62 100
64 31.1 25.1 37.7





#5
Bromomethane
Concen: 19.727 ug/l
RT: 2.912 min Scan# 146
Delta R.T. -0.041 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

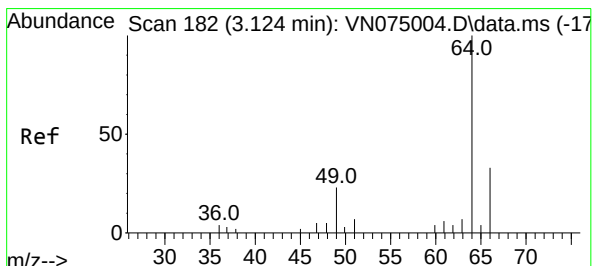
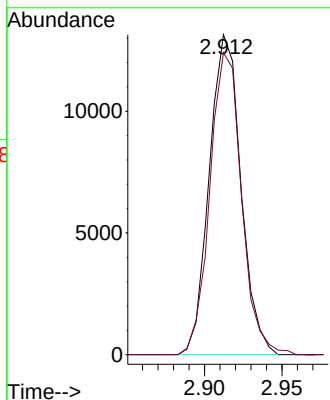
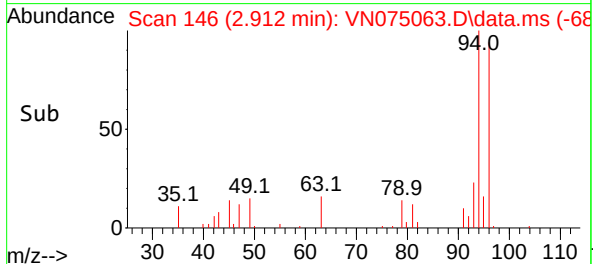
Instrument :
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ClientSampleId :
VN1028WBSD01



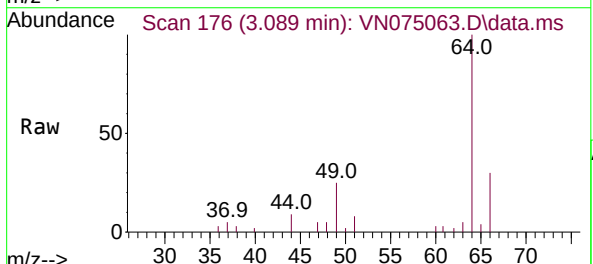
Tgt Ion: 94 Resp: 18630
Ion Ratio Lower Upper
94 100
96 94.4 75.2 112.8

Manual Integrations
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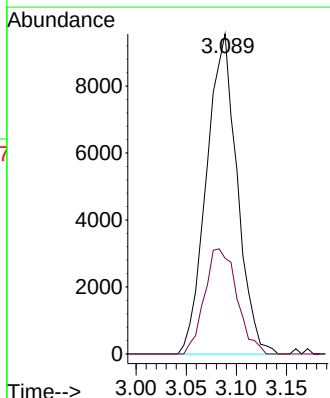
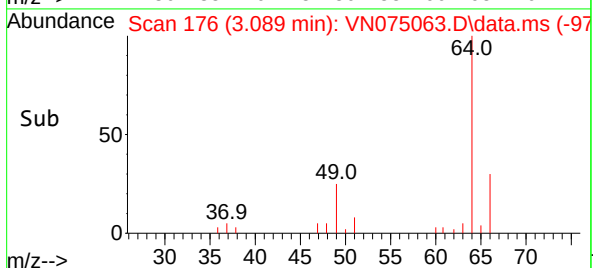
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Supervised By :Mahesh Dadoda 10/31/2022

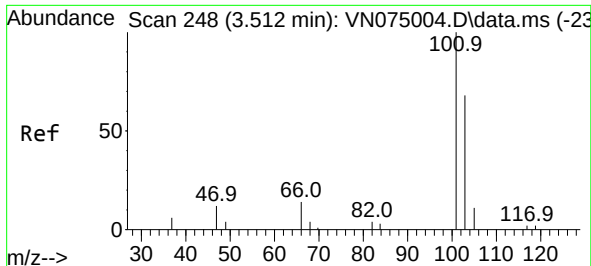


#6
Chloroethane
Concen: 22.037 ug/l
RT: 3.089 min Scan# 176
Delta R.T. -0.035 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12



Tgt Ion: 64 Resp: 20304
Ion Ratio Lower Upper
64 100
66 29.9 24.6 36.8





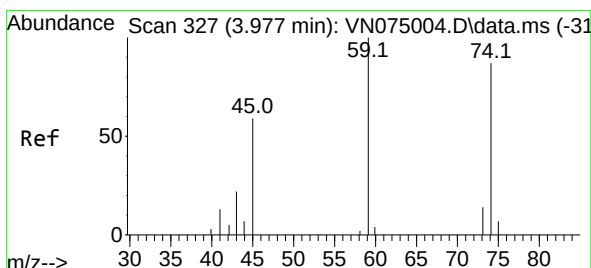
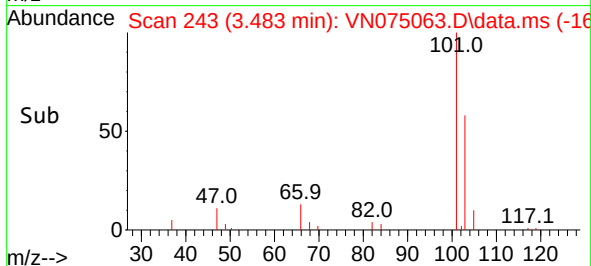
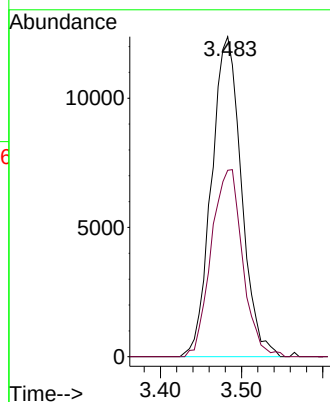
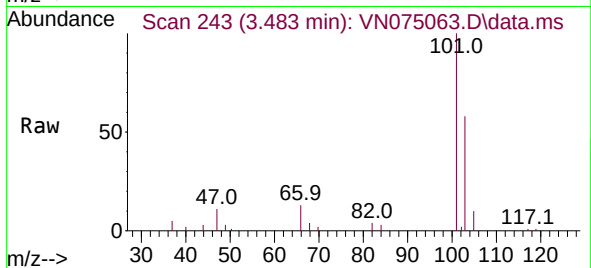
#7
 Trichlorofluoromethane
 Concen: 24.684 ug/l
 RT: 3.483 min Scan# 248
 Delta R.T. -0.030 min
 Lab File: VN075063.D
 Acq: 28 Oct 2022 16:12

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:101 Resp: 31729
 Ion Ratio Lower Upper
 101 100
 103 58.3 50.1 75.1

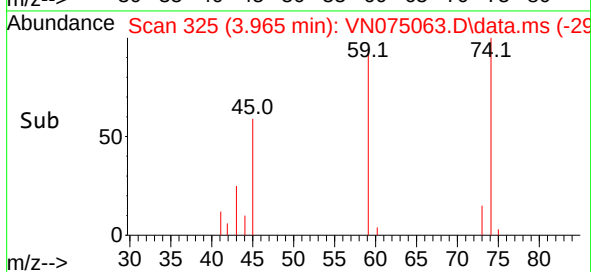
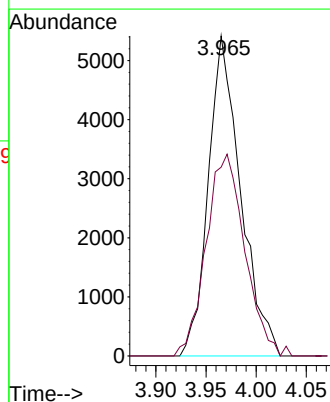
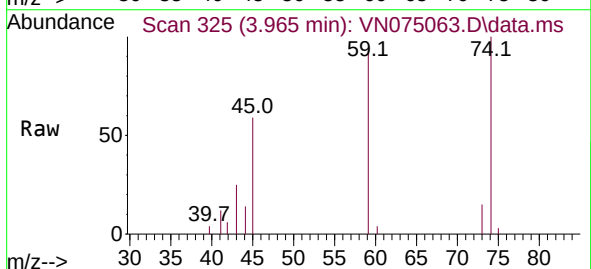
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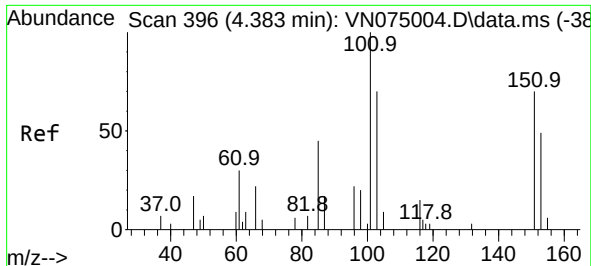
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#8
 Diethyl Ether
 Concen: 23.081 ug/l
 RT: 3.965 min Scan# 325
 Delta R.T. -0.012 min
 Lab File: VN075063.D
 Acq: 28 Oct 2022 16:12

Tgt Ion: 74 Resp: 12199
 Ion Ratio Lower Upper
 74 100
 45 74.7 17.6 158.8





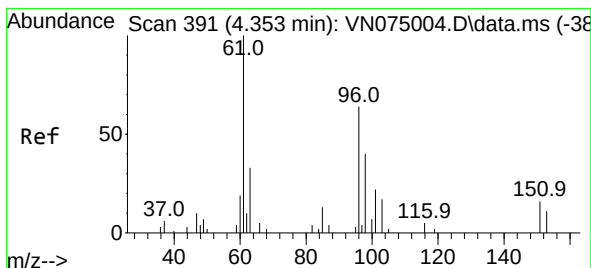
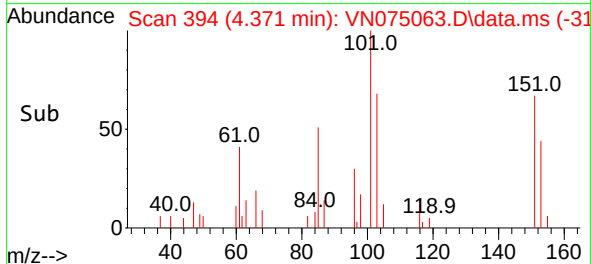
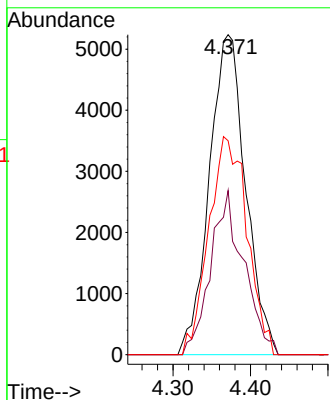
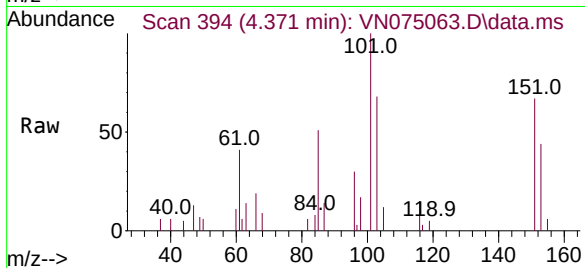
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.655 ug/l
RT: 4.371 min Scan# 396
Delta R.T. -0.012 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:101 Resp: 1707
Ion Ratio Lower Upper
101 100
85 24.9 0.0 94.0
151 45.7 0.0 74.6

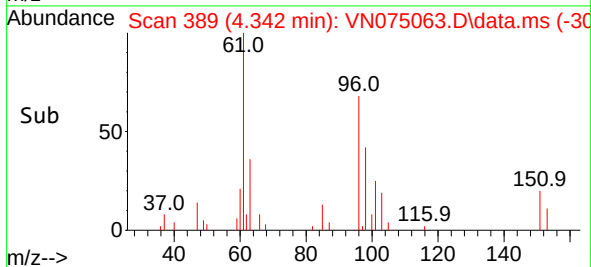
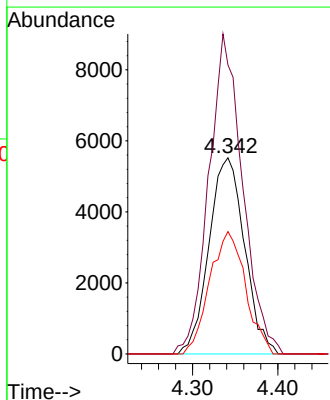
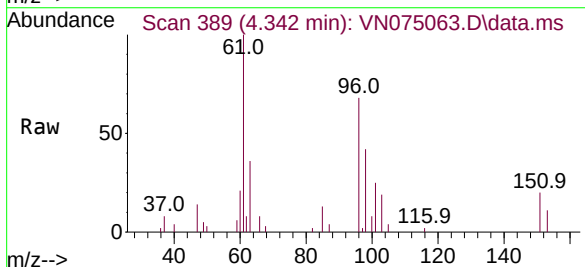
Manual Integrations
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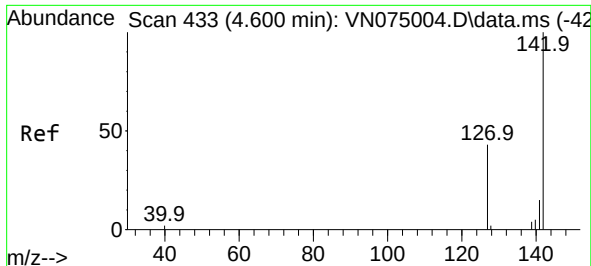
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
1,1-Dichloroethene
Concen: 22.725 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.012 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

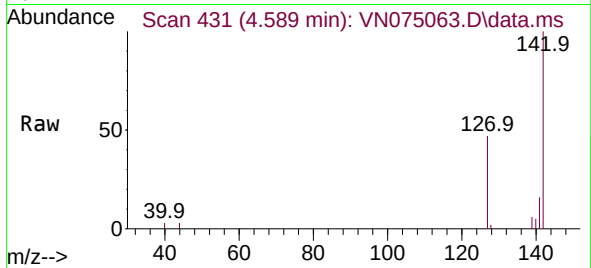
Tgt Ion: 96 Resp: 16061
Ion Ratio Lower Upper
96 100
61 143.2 126.2 189.4
98 62.4 50.9 76.3





#11
Methyl Iodide
Concen: 21.804 ug/l
RT: 4.589 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

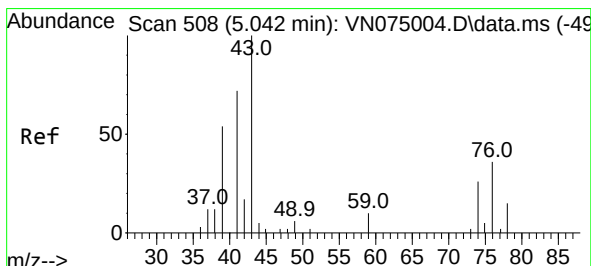
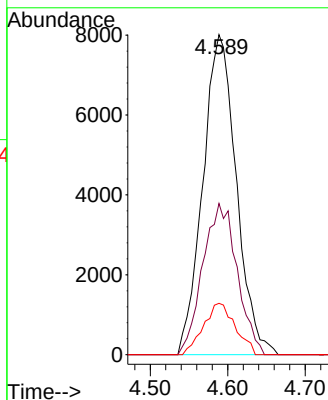
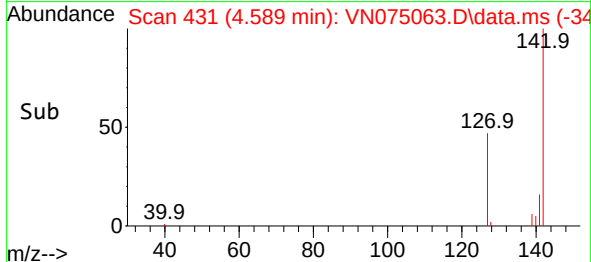
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion:142 Resp: 2404
Ion Ratio Lower Upper
142 100
127 47.3 24.0 72.0
141 16.1 8.4 25.2

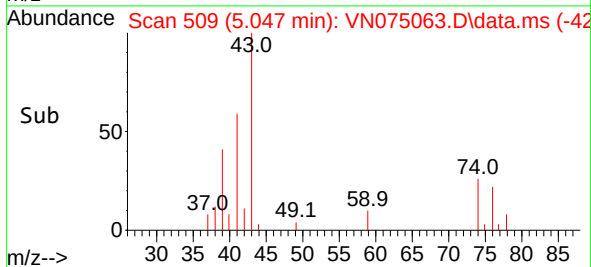
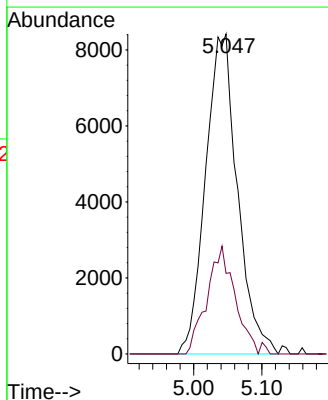
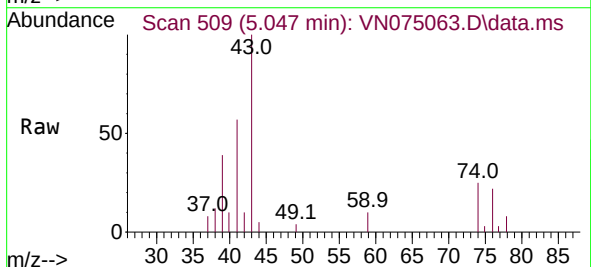
Manual Integrations
APPROVED

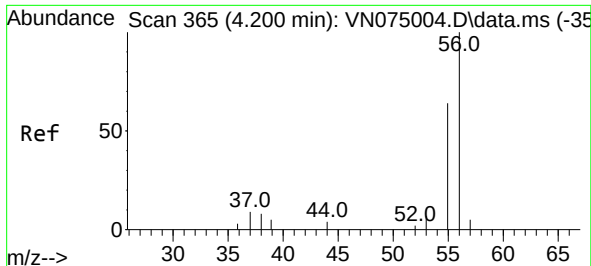
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
Methyl Acetate
Concen: 22.830 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 43 Resp: 27333
Ion Ratio Lower Upper
43 100
74 25.2 20.8 31.2





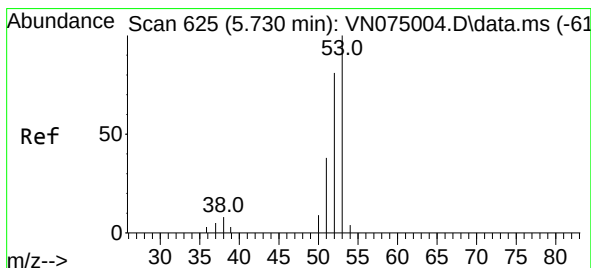
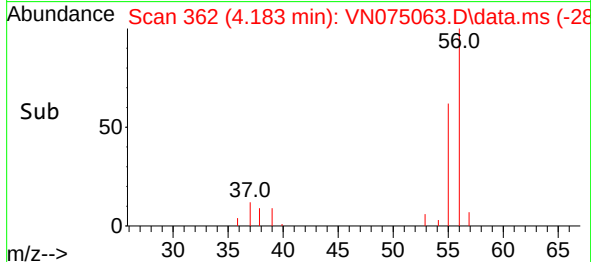
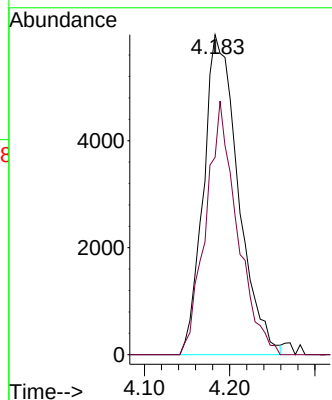
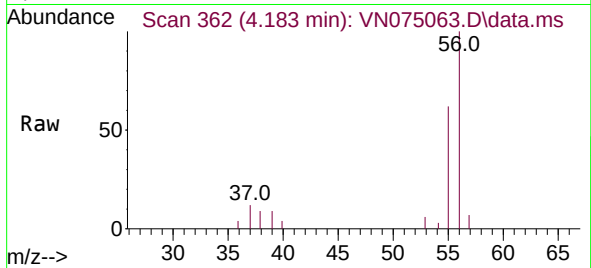
#13
Acrolein
Concen: 115.637 ug/l
RT: 4.183 min Scan# 30
Delta R.T. -0.018 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 56 Resp: 1695
Ion Ratio Lower Upper
56 100
55 71.4 57.6 86.4

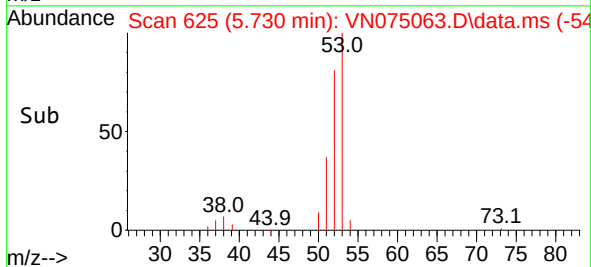
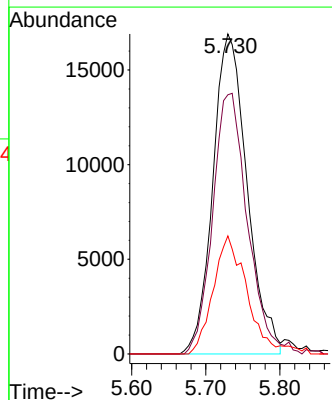
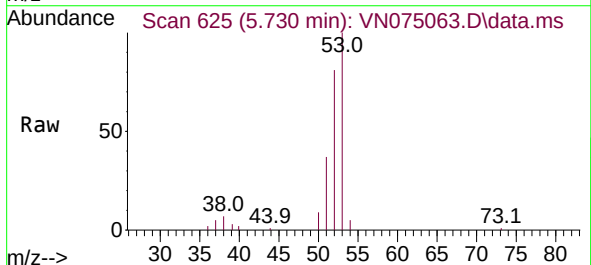
Manual Integrations
APPROVED

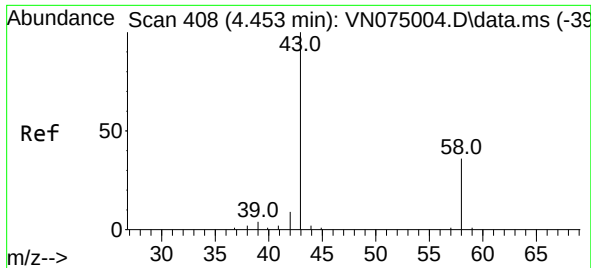
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Acrylonitrile
Concen: 109.509 ug/l
RT: 5.730 min Scan# 625
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 53 Resp: 54167
Ion Ratio Lower Upper
53 100
52 82.3 41.8 125.4
51 35.6 19.0 57.0





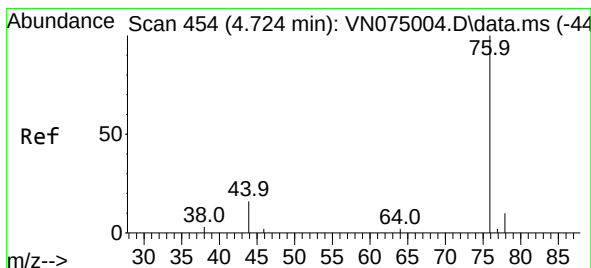
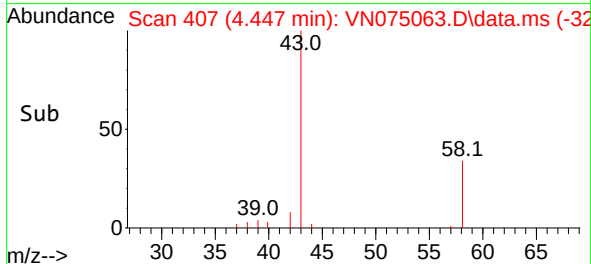
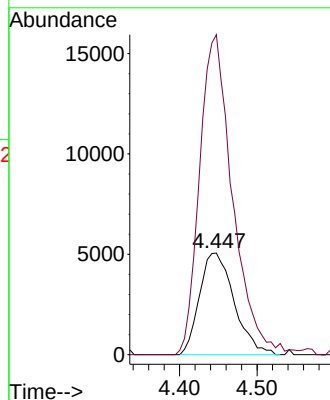
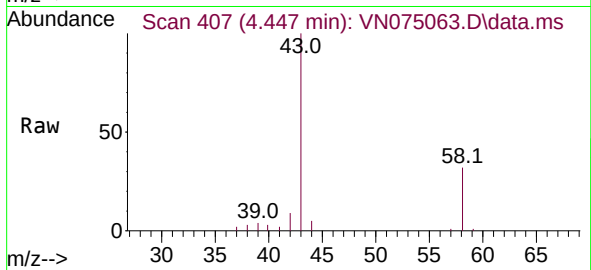
#15
Acetone
Concen: 113.898 ug/l
RT: 4.447 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 58 Resp: 15740
Ion Ratio Lower Upper
58 100
43 310.6 256.6 384.8

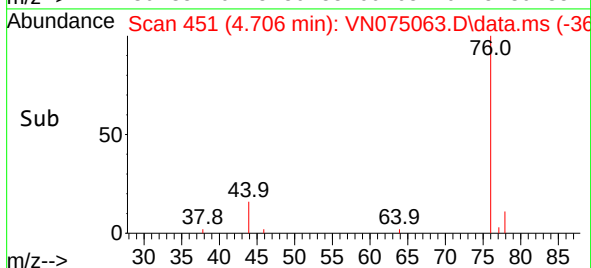
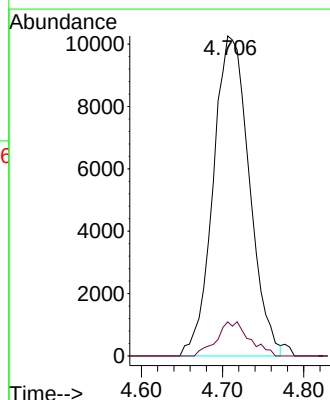
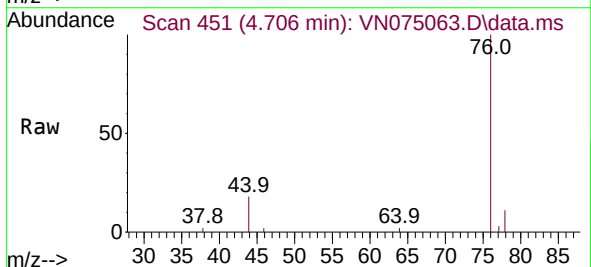
Manual Integrations
APPROVED

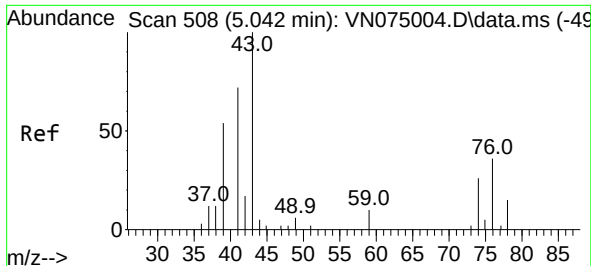
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Carbon Disulfide
Concen: 20.397 ug/l
RT: 4.706 min Scan# 451
Delta R.T. -0.018 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 76 Resp: 31736
Ion Ratio Lower Upper
76 100
78 10.7 7.8 11.8





#17

Allyl chloride

Concen: 25.526 ug/l m

RT: 5.030 min Scan# 508

Delta R.T. -0.012 min

Lab File: VN075063.D

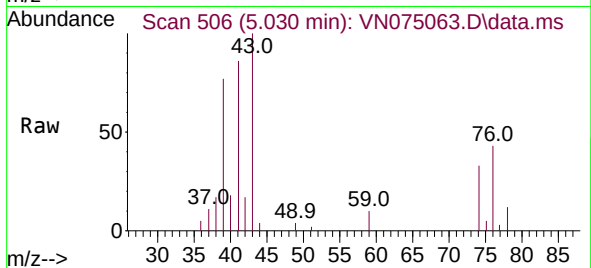
Acq: 28 Oct 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01



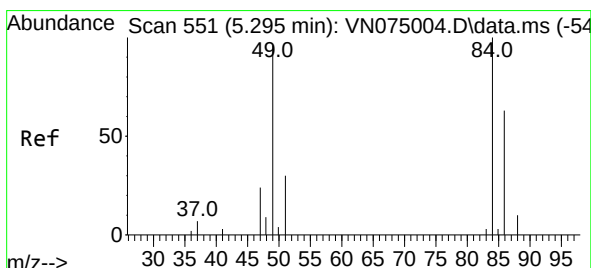
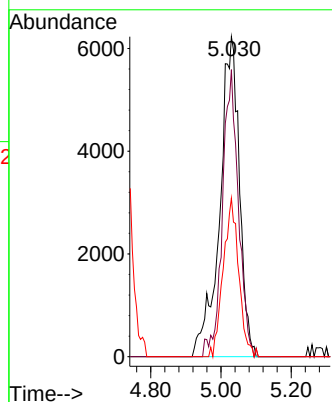
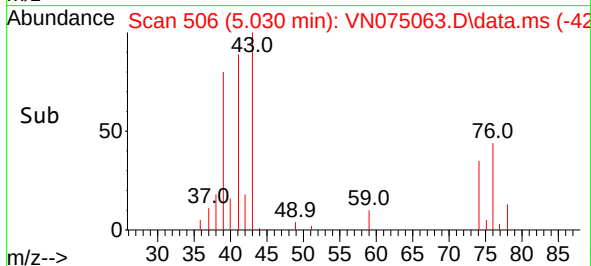
Tgt Ion:	41	Resp:	2417
Ion	Ratio	Lower	Upper
41	100		
39	89.7	44.6	134.0
76	49.6	19.6	58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

Methylene Chloride

Concen: 24.890 ug/l

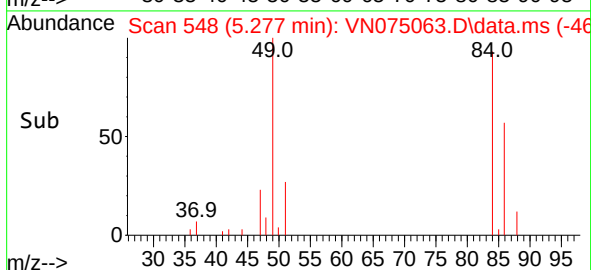
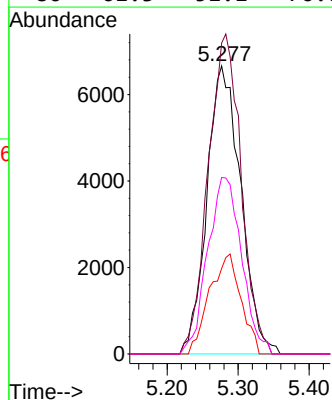
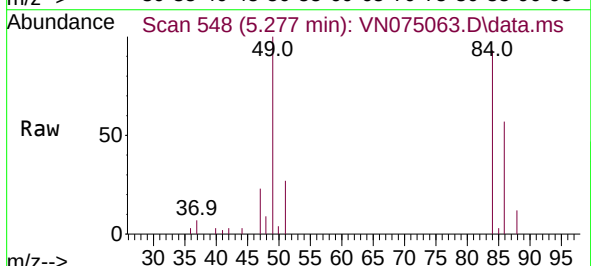
RT: 5.277 min Scan# 548

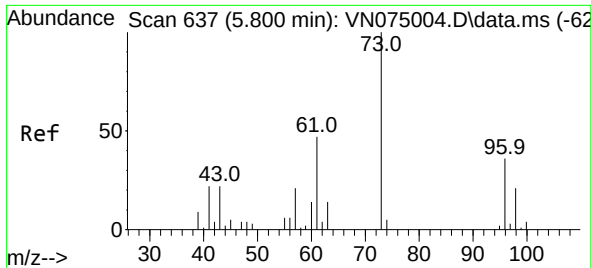
Delta R.T. -0.018 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

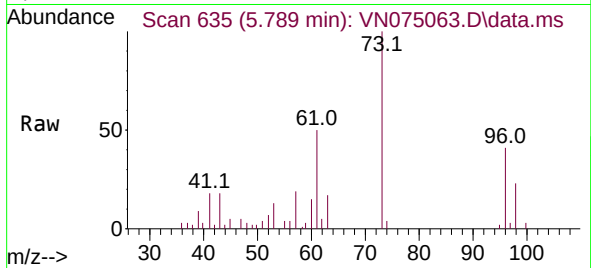
Tgt Ion:	84	Resp:	22038
Ion	Ratio	Lower	Upper
84	100		
49	108.0	91.4	137.0
51	29.7	29.4	44.0
86	61.3	51.1	76.7





#19
trans-1,2-Dichloroethene
Concen: 22.457 ug/l
RT: 5.789 min Scan# 613
Delta R.T. -0.012 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

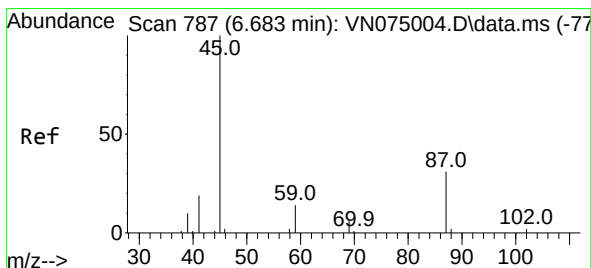
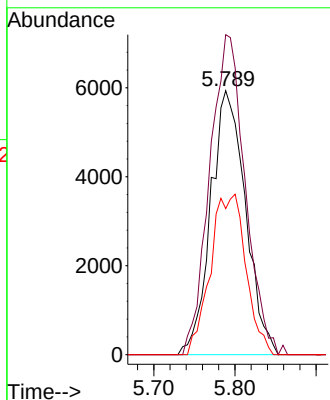
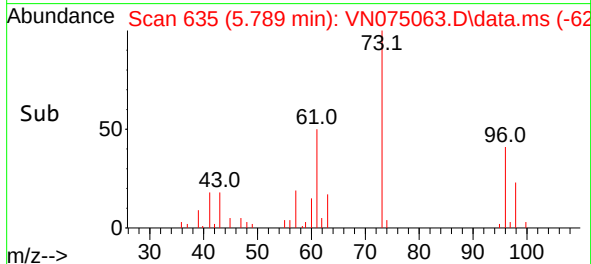
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 96 Resp: 17649
Ion Ratio Lower Upper
96 100
61 121.2 102.8 154.2
98 55.3 49.3 73.9

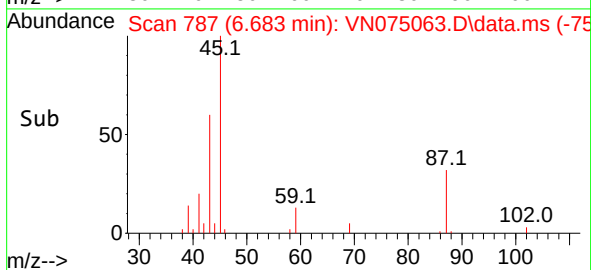
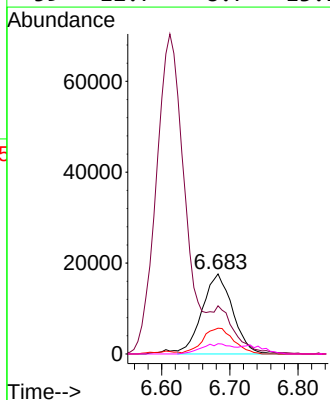
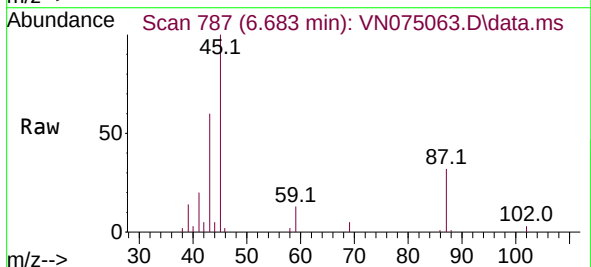
Manual Integrations
APPROVED

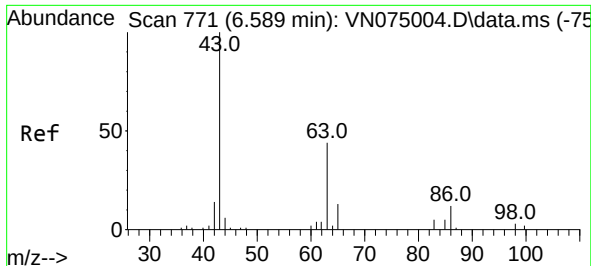
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Diisopropyl ether
Concen: 22.167 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 45 Resp: 54484
Ion Ratio Lower Upper
45 100
43 58.4 51.0 76.4
87 32.2 25.0 37.4
59 12.7 8.7 13.1





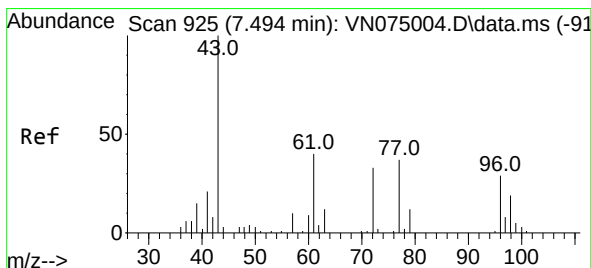
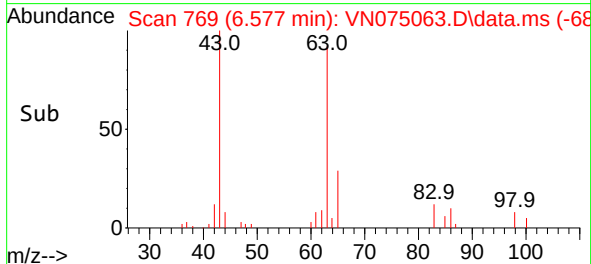
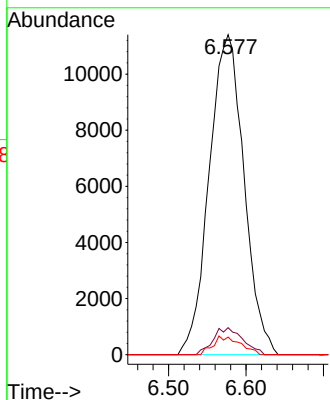
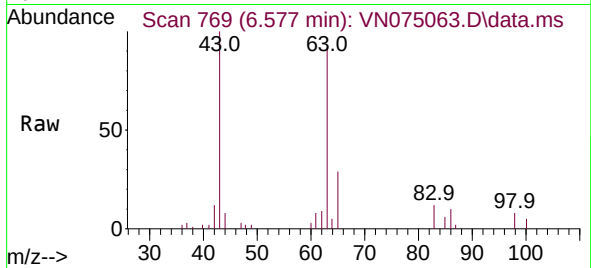
#21
1,1-Dichloroethane
Concen: 23.325 ug/l
RT: 6.577 min Scan# 701
Delta R.T. -0.012 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 63 Resp: 35608
Ion Ratio Lower Upper
63 100
98 8.5 3.2 9.6
100 5.5 2.1 6.2

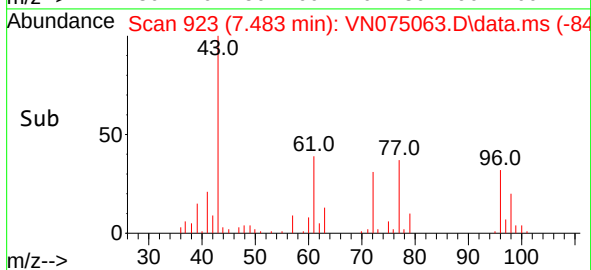
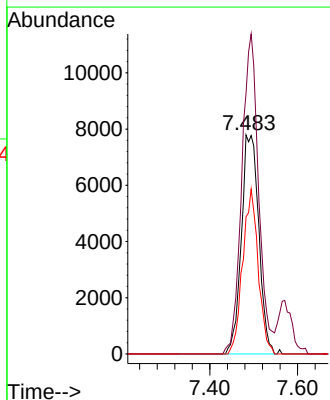
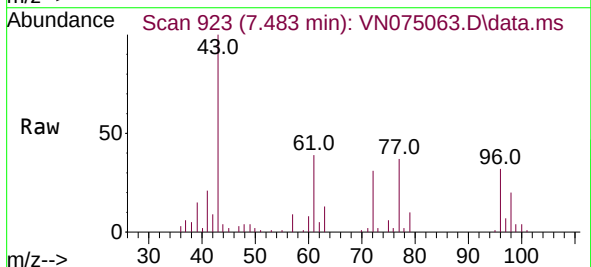
Manual Integrations
APPROVED

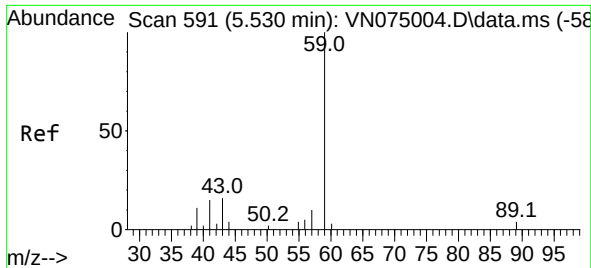
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
cis-1,2-Dichloroethene
Concen: 21.599 ug/l m
RT: 7.483 min Scan# 923
Delta R.T. -0.012 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 96 Resp: 21444
Ion Ratio Lower Upper
96 100
61 141.8 115.7 173.5
98 67.0 51.6 77.4





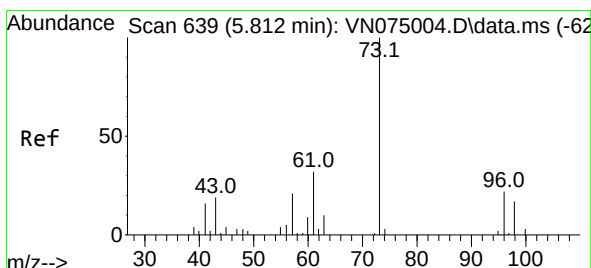
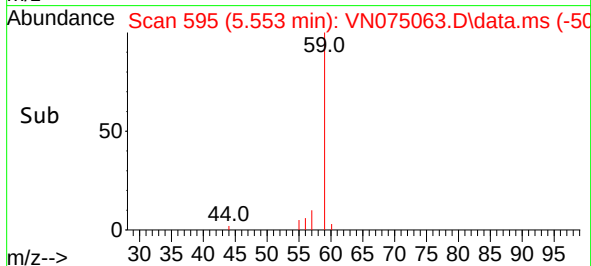
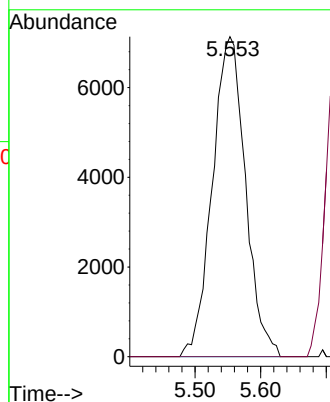
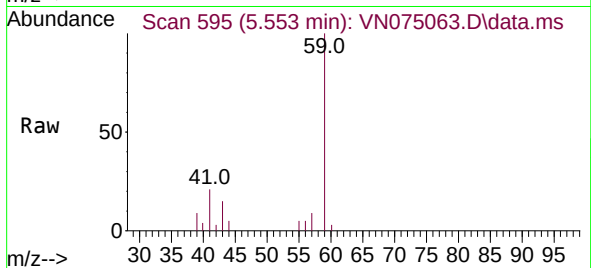
#23
tert-Butyl Alcohol
Concen: 109.170 ug/l
RT: 5.553 min Scan# 591
Delta R.T. 0.023 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 59 Resp: 2499
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

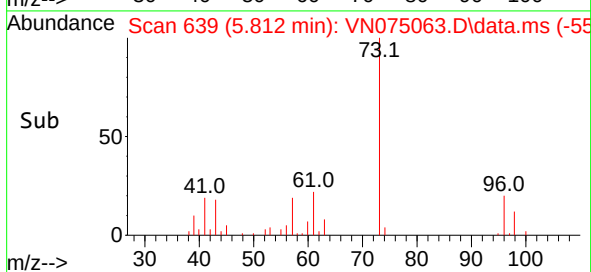
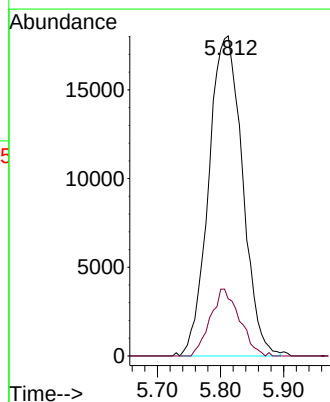
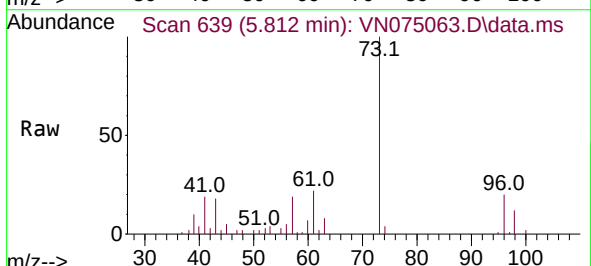
Manual Integrations
APPROVED

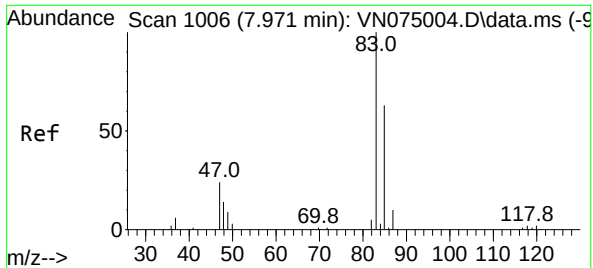
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#24
Methyl tert-Butyl Ether
Concen: 23.157 ug/l
RT: 5.812 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 73 Resp: 66937
Ion Ratio Lower Upper
73 100
43 18.0 18.1 27.1#





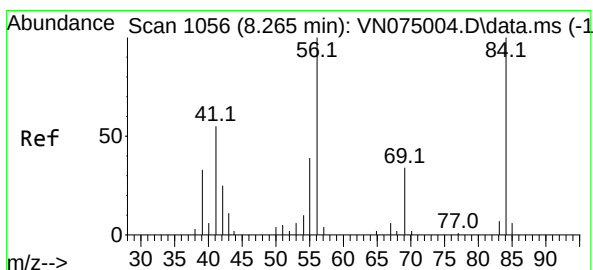
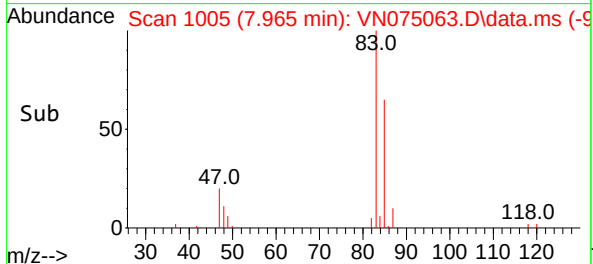
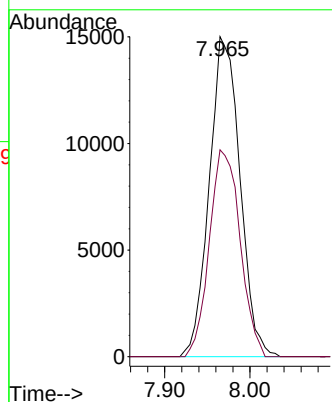
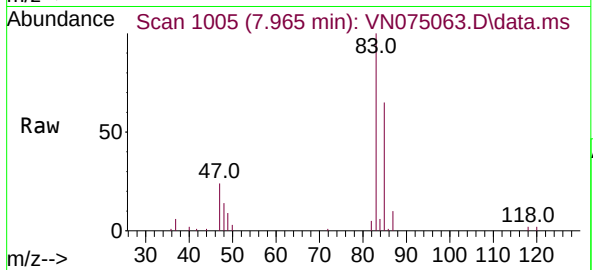
#25
Chloroform
Concen: 22.233 ug/l
RT: 7.965 min Scan# 1005
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 83 Resp: 37490
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9

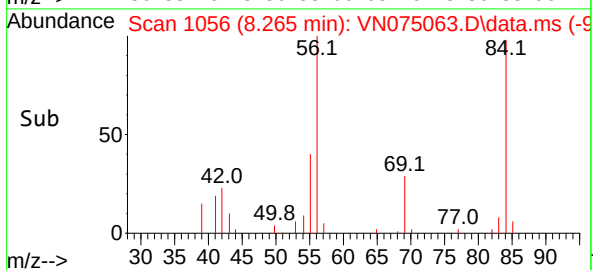
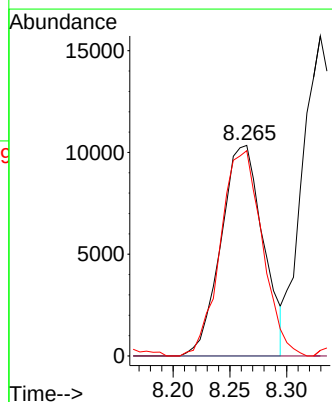
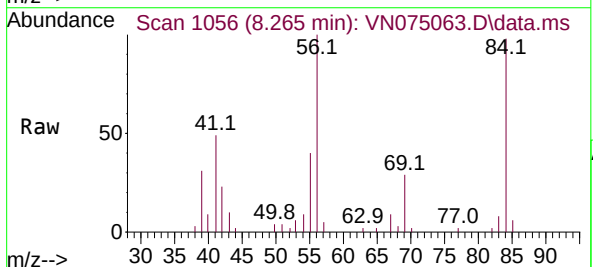
Manual Integrations
APPROVED

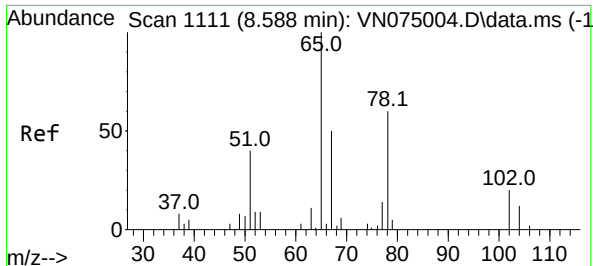
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
Cyclohexane
Concen: 21.737 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 56 Resp: 26657
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 96.9 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 34.551 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

Tgt Ion: 65 Resp: 3897

Ion Ratio Lower Upper

65 100

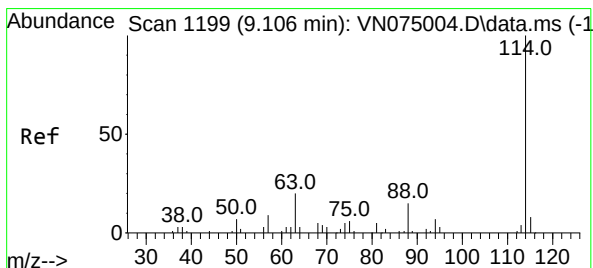
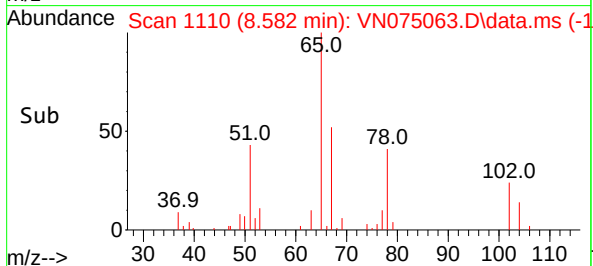
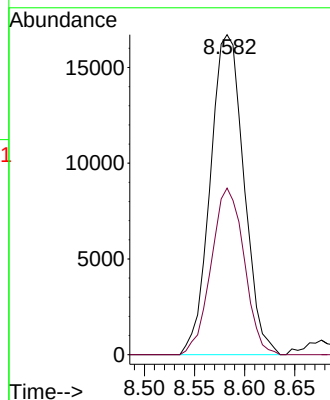
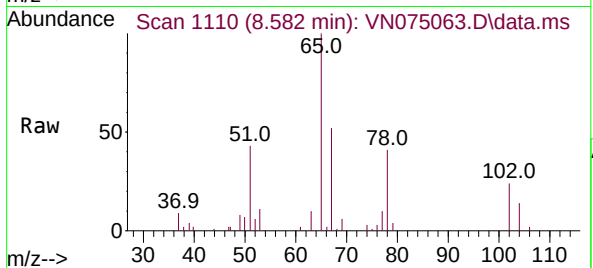
67 51.0 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

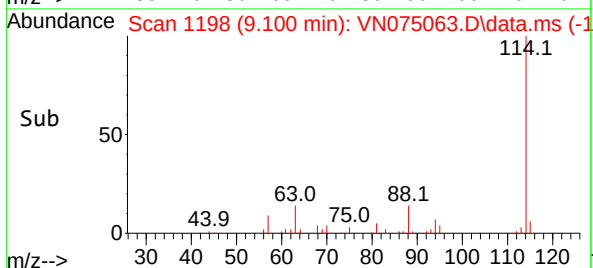
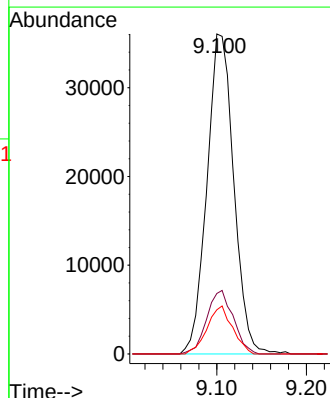
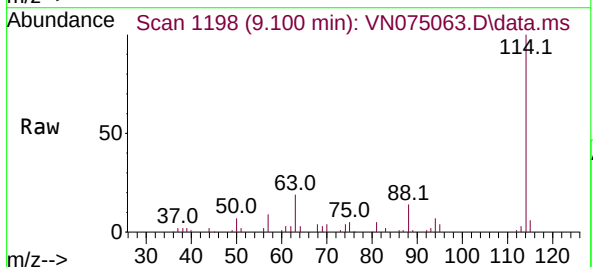
Tgt Ion:114 Resp: 74842

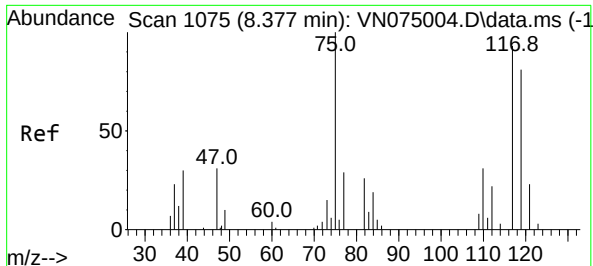
Ion Ratio Lower Upper

114 100

63 19.6 15.8 23.6

88 14.2 11.6 17.4





#29

1,1-Dichloropropene

Concen: 19.218 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. -0.006 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

Tgt Ion: 75 Resp: 2467

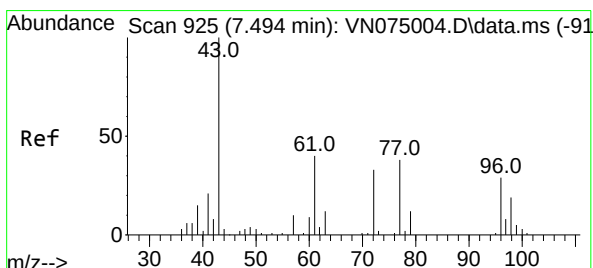
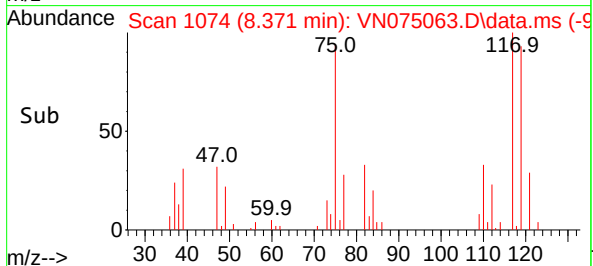
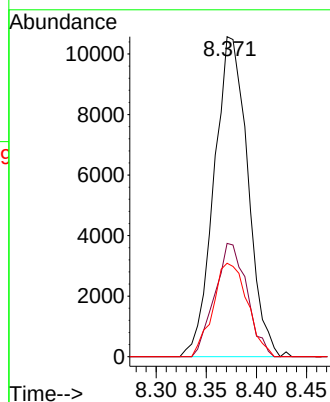
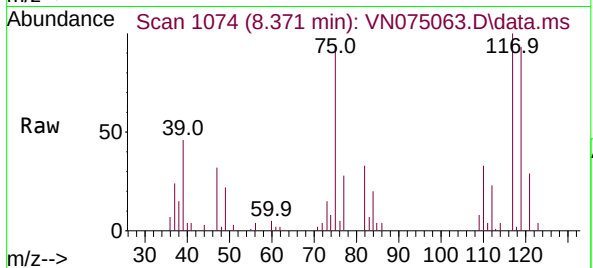
Ion	Ratio	Lower	Upper
75	100		
110	33.8	0.0	74.2
77	29.9	0.0	63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

2-Butanone

Concen: 100.298 ug/l

RT: 7.488 min Scan# 924

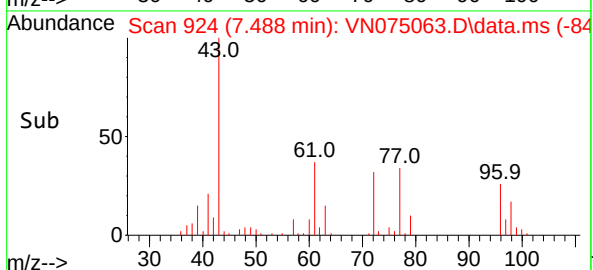
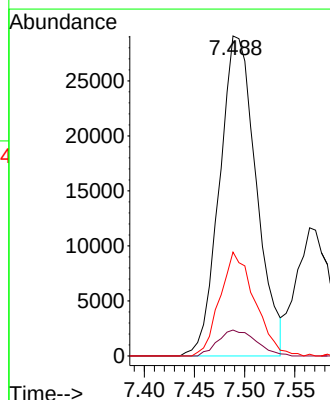
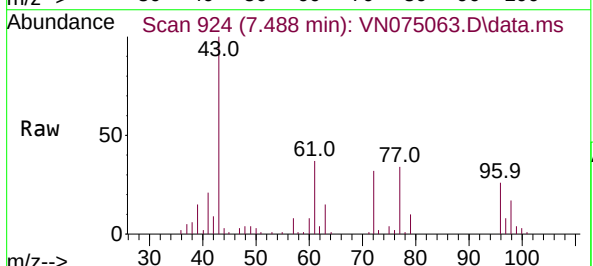
Delta R.T. -0.006 min

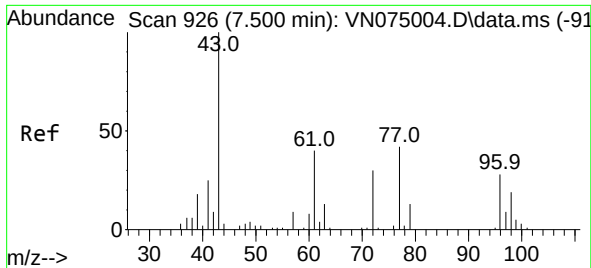
Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

Tgt Ion: 43 Resp: 74224

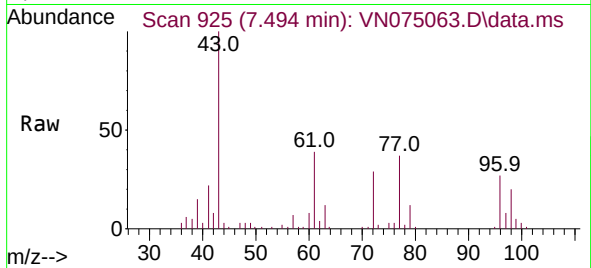
Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.7	10.1
72	30.9	23.2	34.8





#31
2,2-Dichloropropane
Concen: 19.738 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

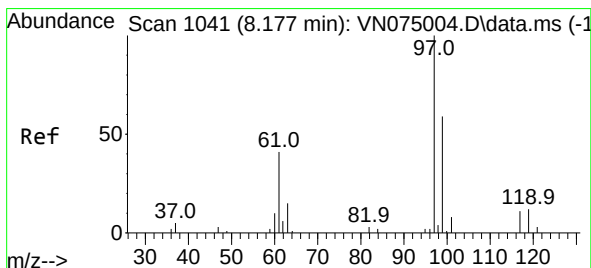
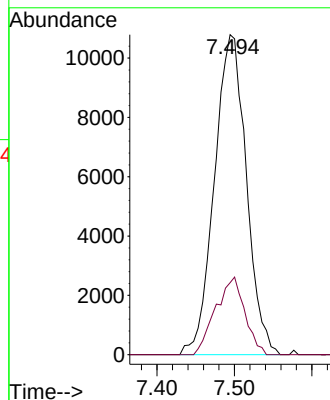
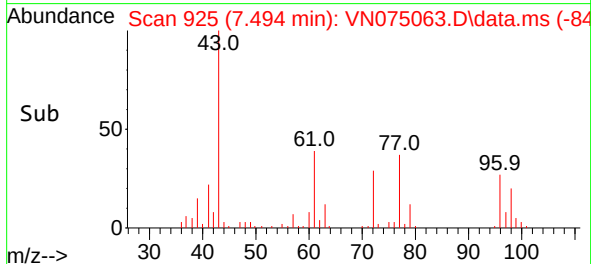
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



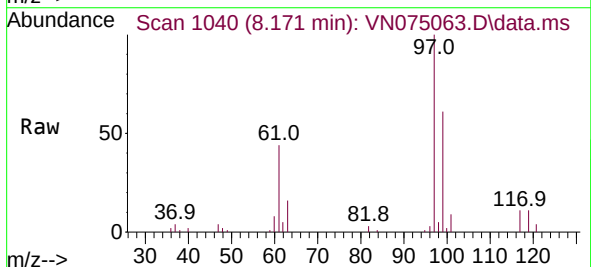
Tgt Ion: 77 Resp: 3095
Ion Ratio Lower Upper
77 100
97 22.2 18.3 27.5

Manual Integrations
APPROVED

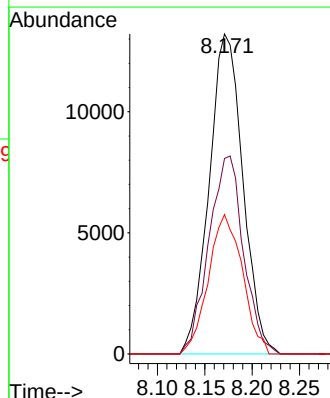
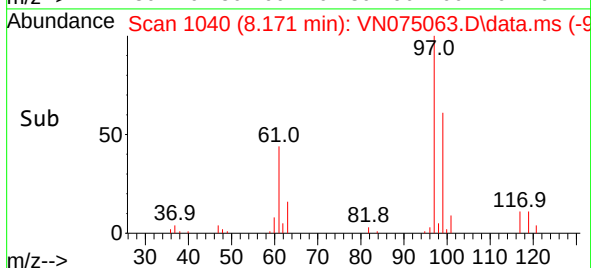
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

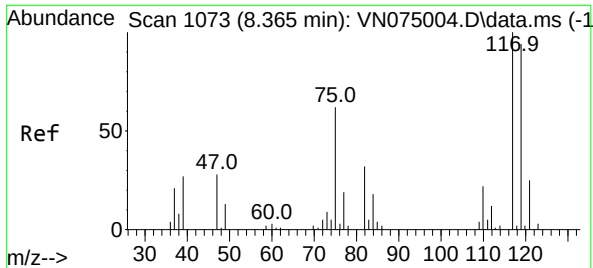


#32
1,1,1-Trichloroethane
Concen: 19.664 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12



Tgt Ion: 97 Resp: 32693
Ion Ratio Lower Upper
97 100
99 63.5 50.4 75.6
61 44.1 34.6 51.8





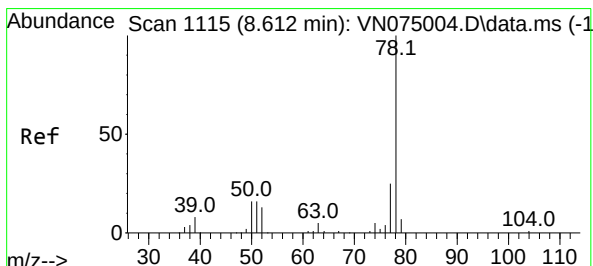
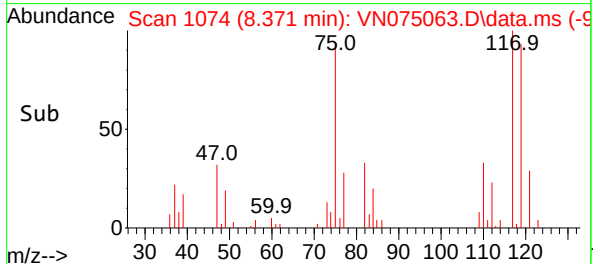
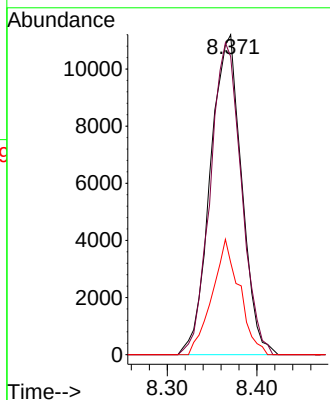
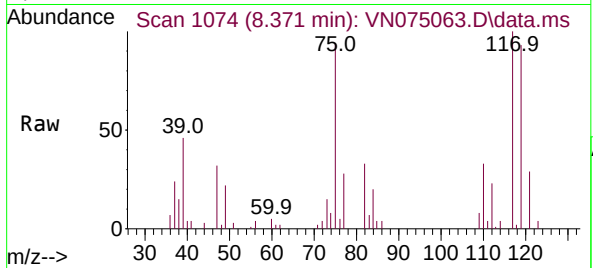
#33
Carbon Tetrachloride
Concen: 18.512 ug/l
RT: 8.371 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:117 Resp: 2710
Ion Ratio Lower Upper
117 100
119 93.2 77.5 116.3
121 28.8 23.5 35.3

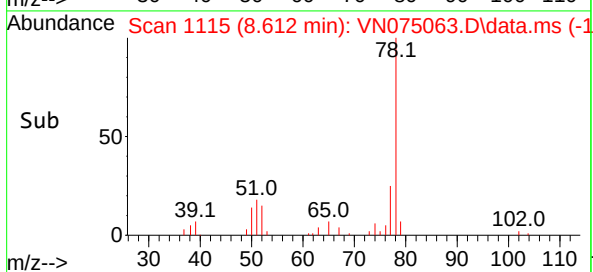
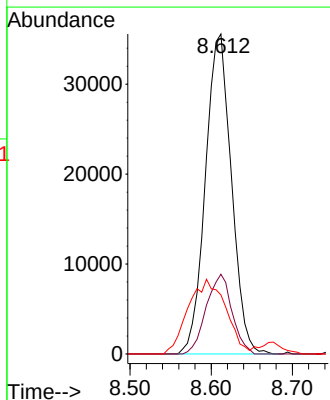
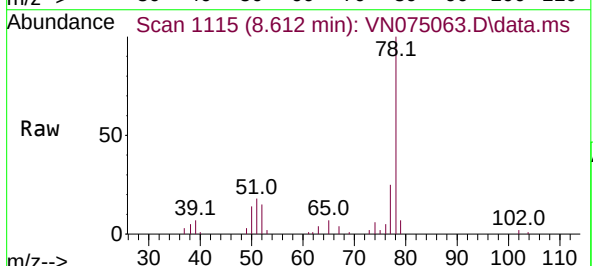
Manual Integrations
APPROVED

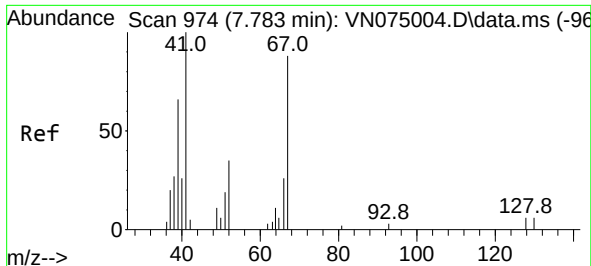
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#34
Benzene
Concen: 20.174 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

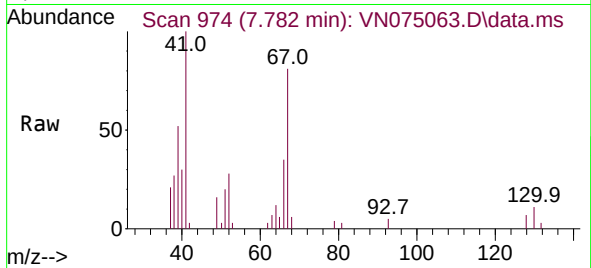
Tgt Ion: 78 Resp: 79176
Ion Ratio Lower Upper
78 100
77 24.9 19.1 28.7
51 15.8 16.0 24.0#





#35
Methacrylonitrile
Concen: 20.743 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

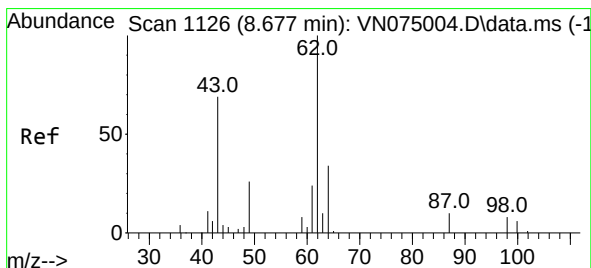
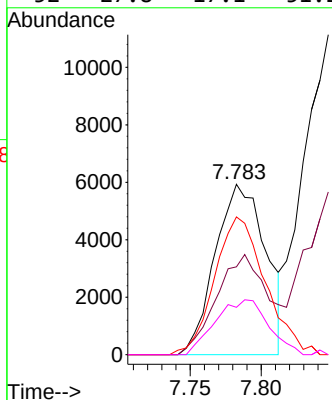
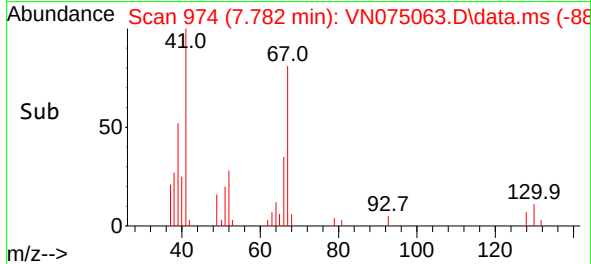
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



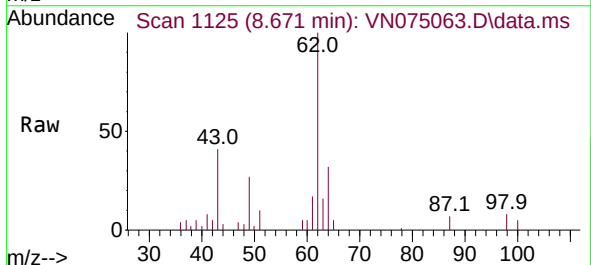
Tgt Ion: 41 Resp: 1471
Ion Ratio Lower Upper
41 100
39 51.6 28.0 83.9
67 78.2 37.7 113.1
52 27.8 17.1 51.2

Manual Integrations
APPROVED

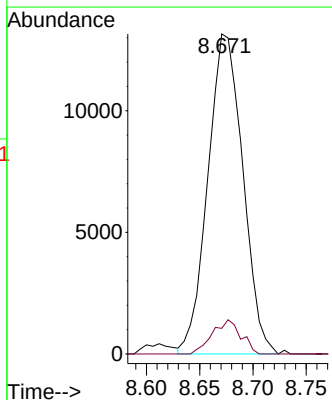
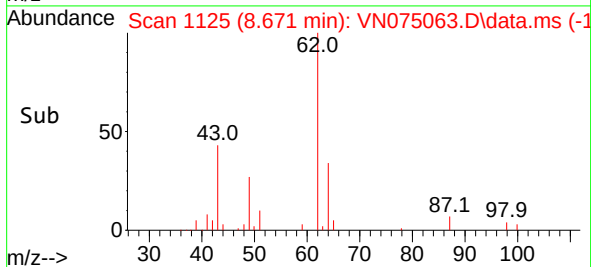
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

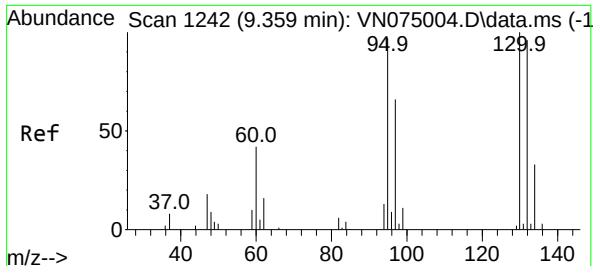


#36
1,2-Dichloroethane
Concen: 20.658 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12



Tgt Ion: 62 Resp: 30041
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0





#37

Trichloroethene

Concen: 19.296 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

Tgt Ion:130 Resp: 18819

Ion Ratio Lower Upper

130 100

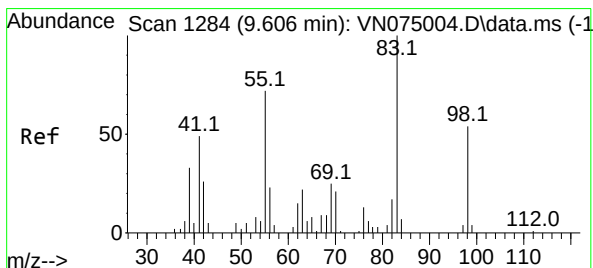
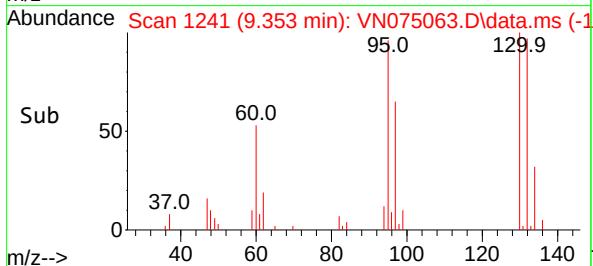
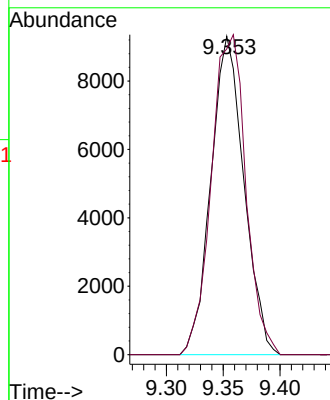
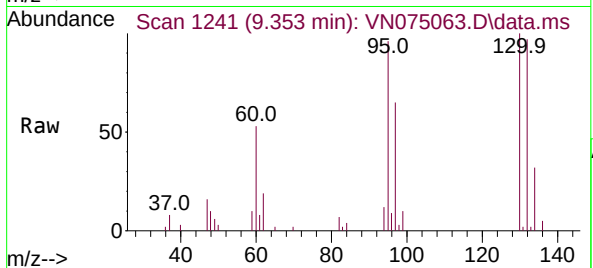
95 96.0 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Methylcyclohexane

Concen: 18.943 ug/l

RT: 9.600 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

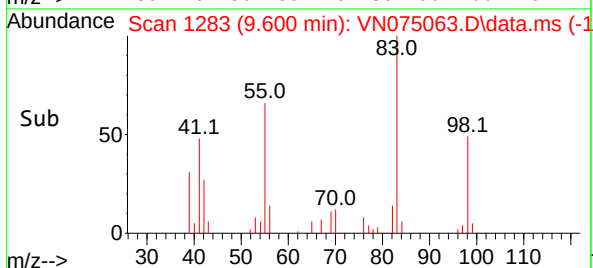
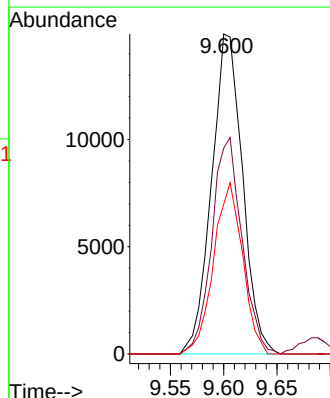
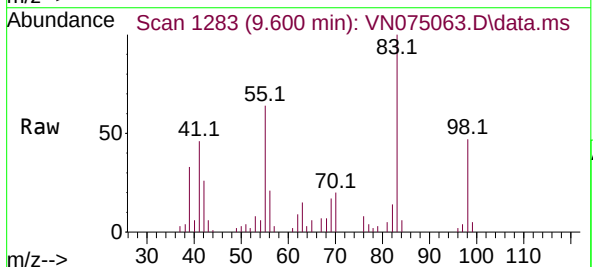
Tgt Ion: 83 Resp: 30153

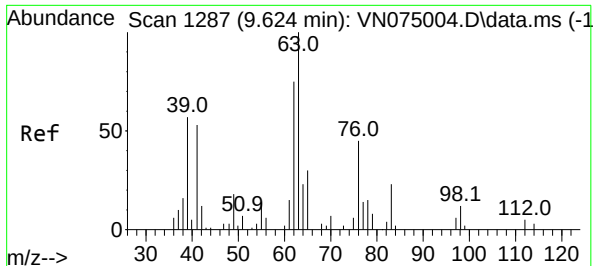
Ion Ratio Lower Upper

83 100

55 65.6 35.1 105.3

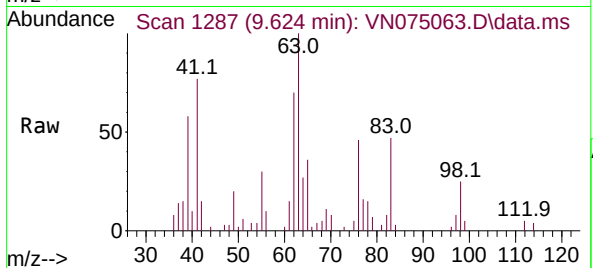
98 50.2 23.4 70.2





#39
1,2-Dichloropropane
Concen: 20.416 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

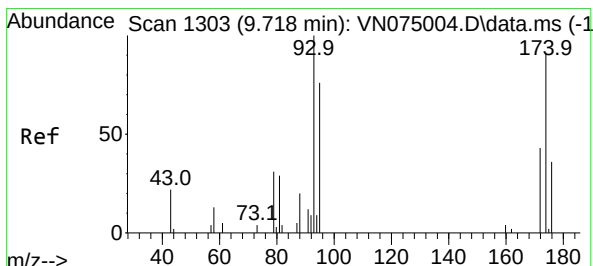
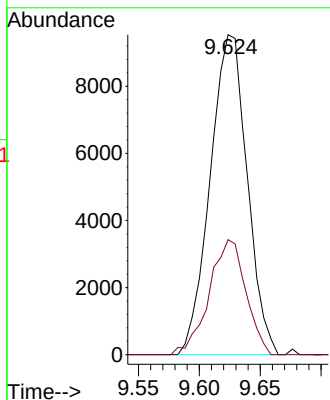
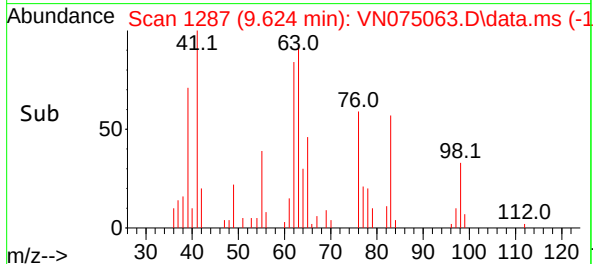
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 63 Resp: 2017
Ion Ratio Lower Upper
63 100
65 36.0 24.2 36.4

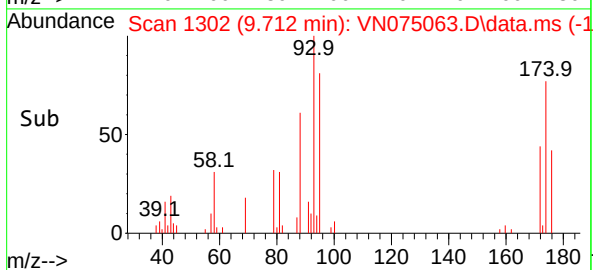
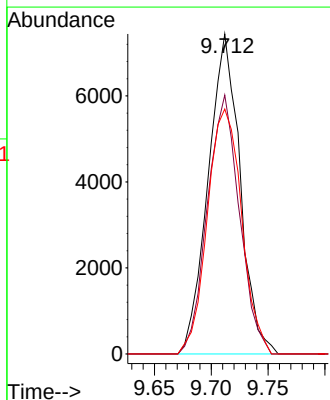
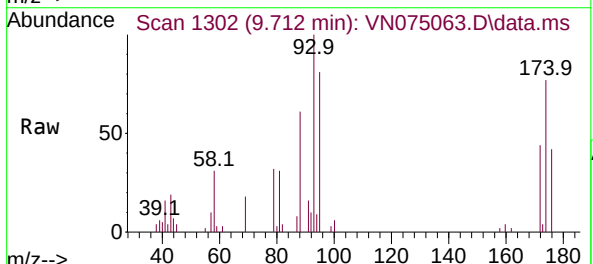
Manual Integrations
APPROVED

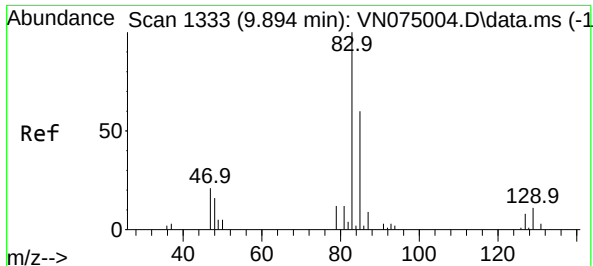
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#40
Dibromomethane
Concen: 19.346 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

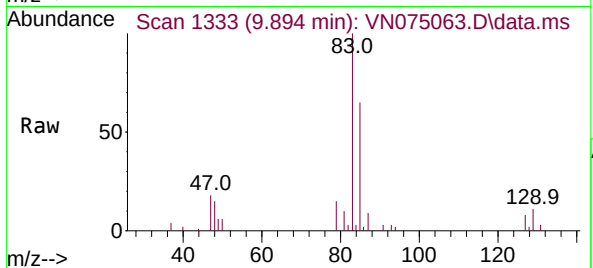
Tgt Ion: 93 Resp: 14501
Ion Ratio Lower Upper
93 100
95 81.6 0.0 168.8
174 82.3 0.0 173.6





#41
Bromodichloromethane
Concen: 19.417 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

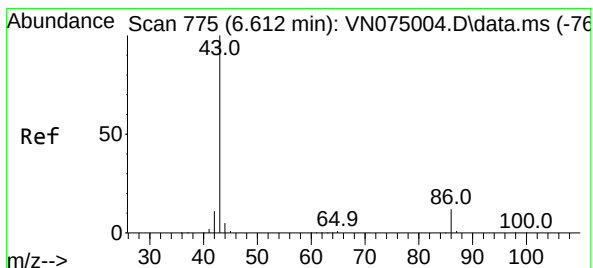
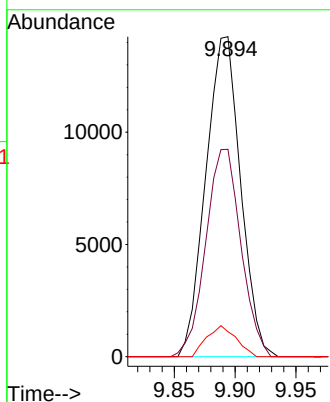
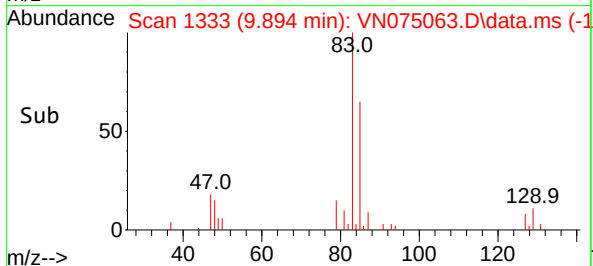
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 83 Resp: 2833
Ion Ratio Lower Upper
83 100
85 64.8 54.1 81.1
127 7.8 7.6 11.4

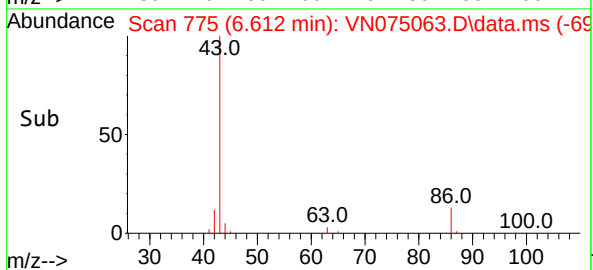
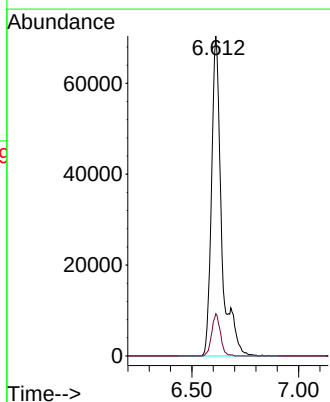
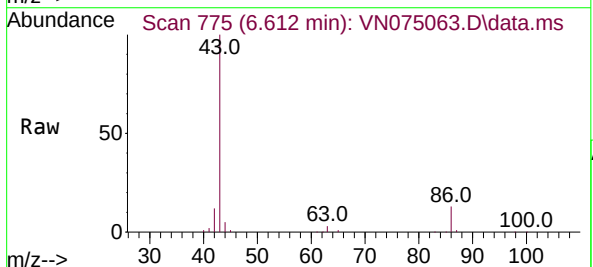
Manual Integrations
APPROVED

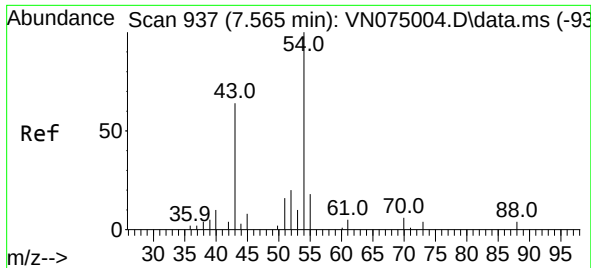
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
Vinyl Acetate
Concen: 110.497 ug/l m
RT: 6.612 min Scan# 775
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

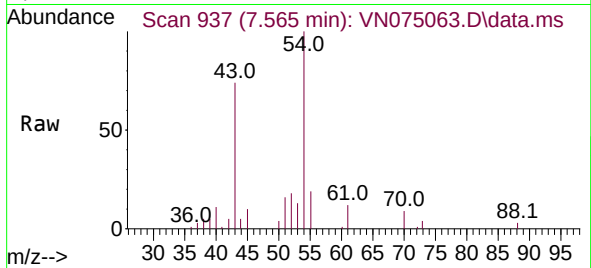
Tgt Ion: 43 Resp: 230330
Ion Ratio Lower Upper
43 100
86 11.5 7.5 11.3#





#43
Ethyl Acetate
Concen: 19.626 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

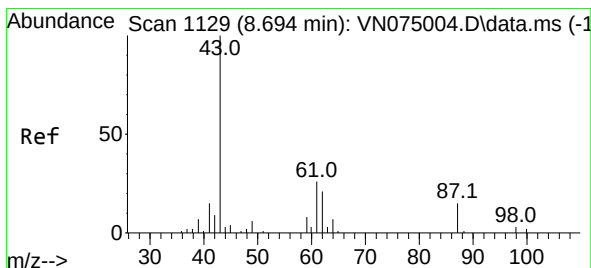
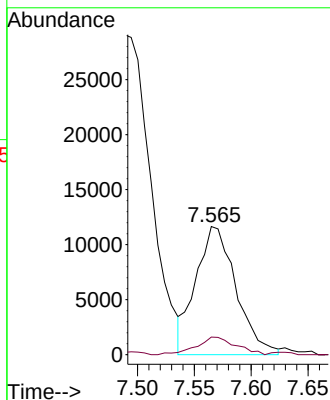
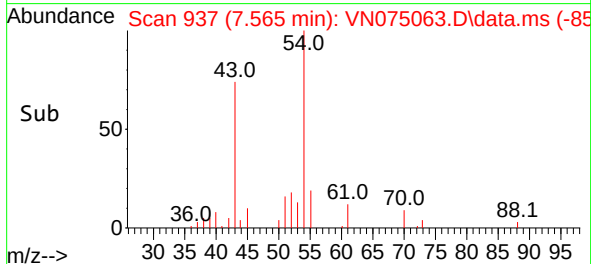
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 43 Resp: 28704
Ion Ratio Lower Upper
43 100
45 13.0 10.6 16.0

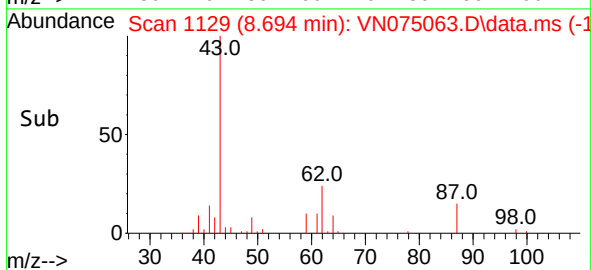
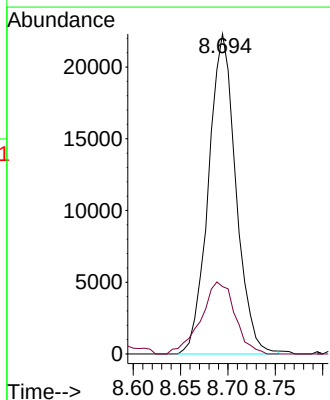
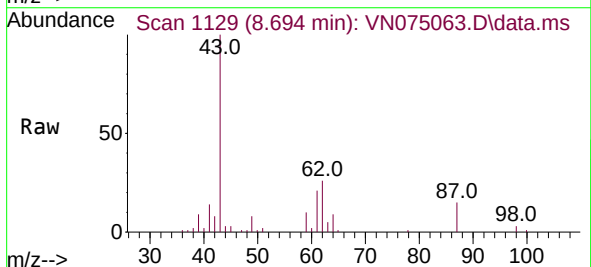
Manual Integrations
APPROVED

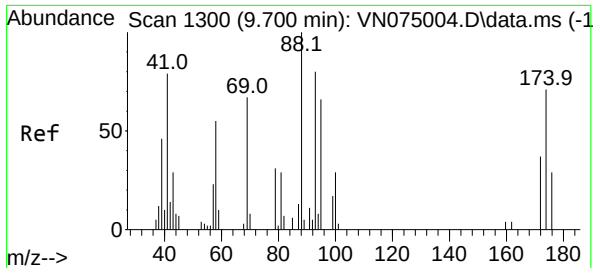
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
Isopropyl Acetate
Concen: 19.195 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

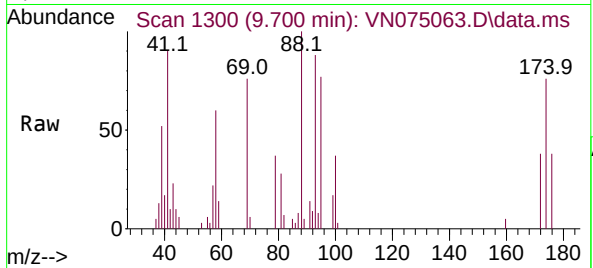
Tgt Ion: 43 Resp: 45031
Ion Ratio Lower Upper
43 100
61 27.8 20.1 30.1





#45
1,4-Dioxane
Concen: 405.469 ug/l
RT: 9.700 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

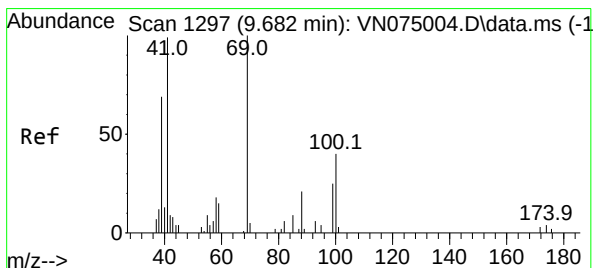
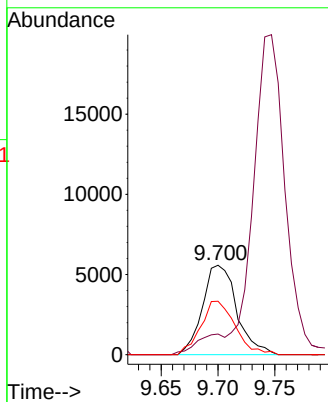
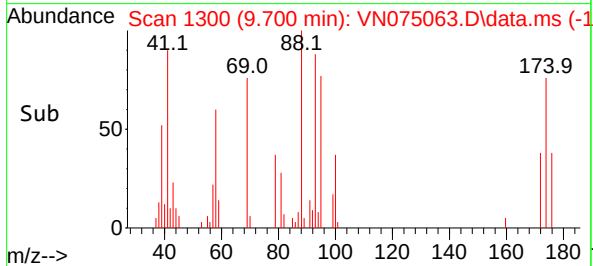
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



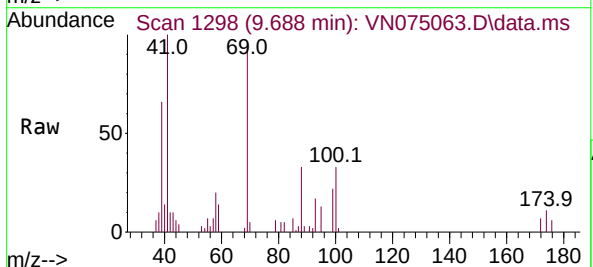
Tgt Ion: 88 Resp: 1170
Ion Ratio Lower Upper
88 100
43 19.4 25.0 37.6
58 60.0 49.4 74.2

Manual Integrations
APPROVED

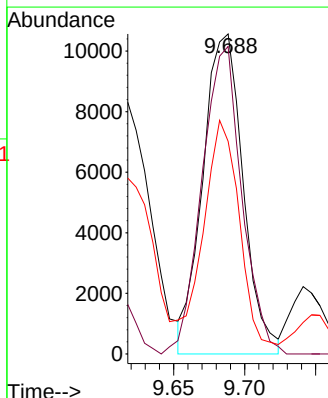
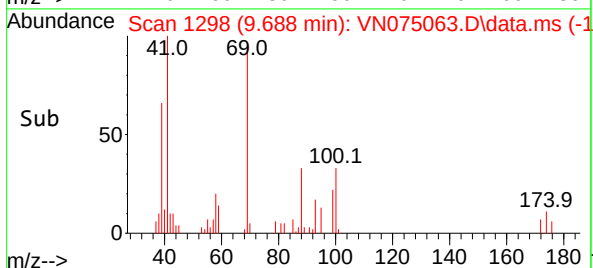
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

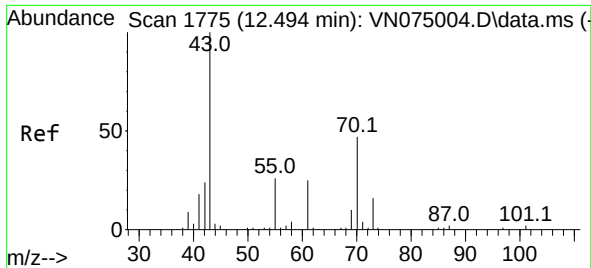


#46
Methyl methacrylate
Concen: 19.818 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12



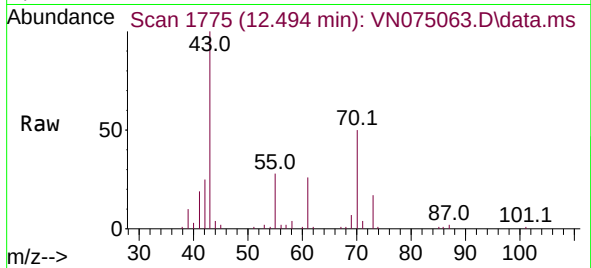
Tgt Ion: 41 Resp: 20856
Ion Ratio Lower Upper
41 100
69 98.3 44.4 133.2
39 66.5 39.9 119.6





#47
n-amy1 Acetate
Concen: 20.205 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

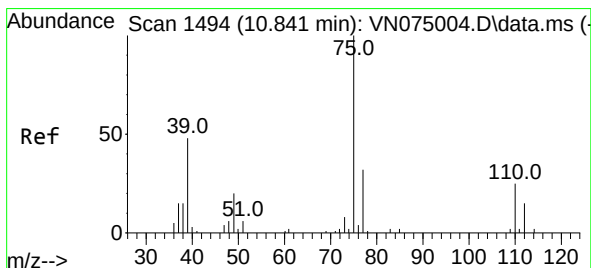
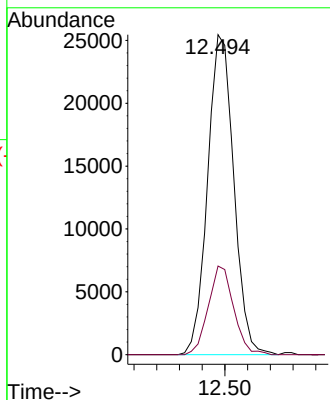
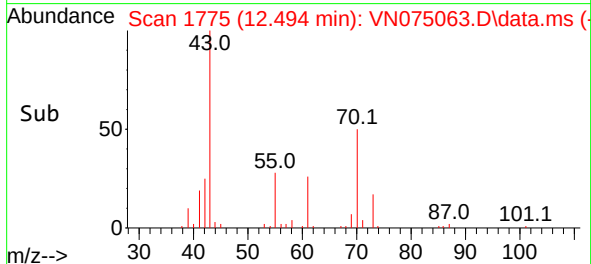
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



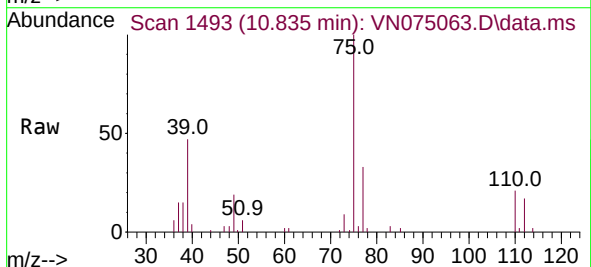
Tgt Ion: 43 Resp: 40720
Ion Ratio Lower Upper
43 100
55 26.4 19.0 28.6

Manual Integrations
APPROVED

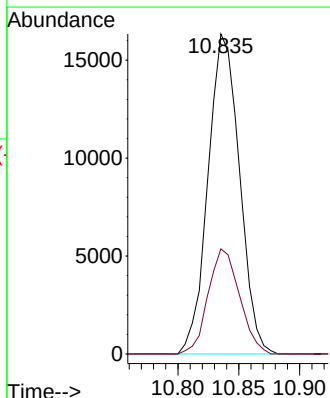
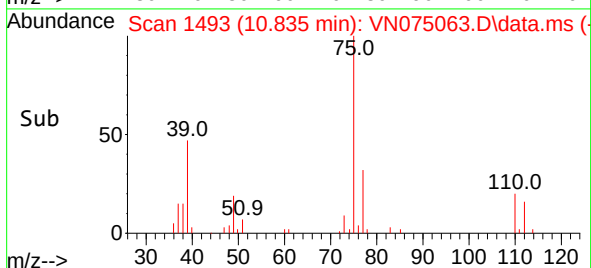
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

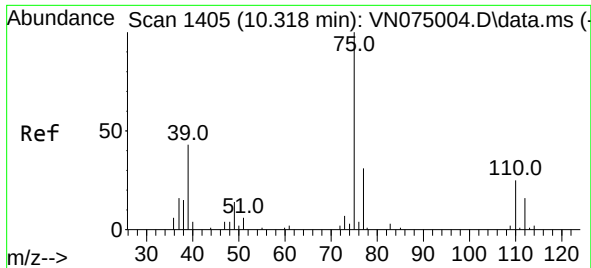


#48
t-1,3-Dichloropropene
Concen: 18.428 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12



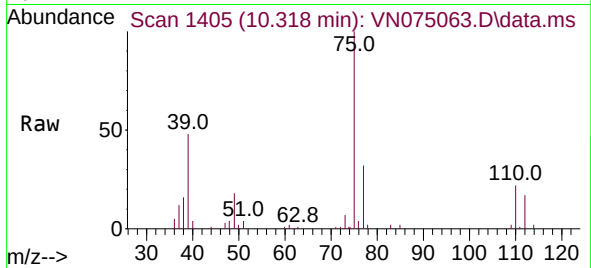
Tgt Ion: 75 Resp: 29380
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 18.756 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN075063.D
 Acq: 28 Oct 2022 16:12

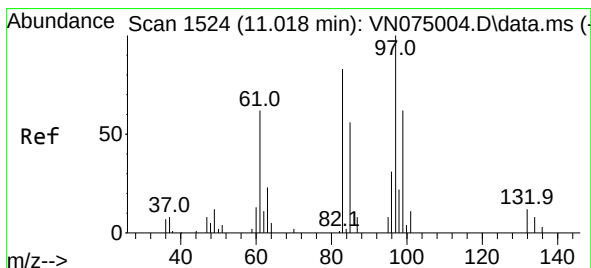
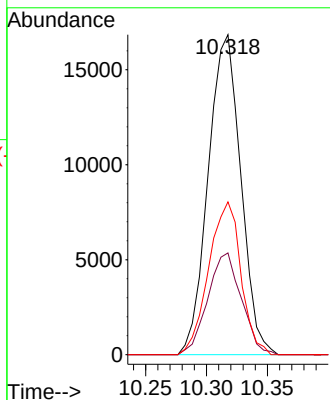
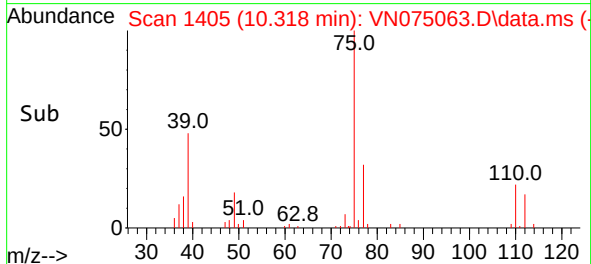
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01



Tgt Ion: 75 Resp: 31429
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9
 39 47.8 46.2 69.4

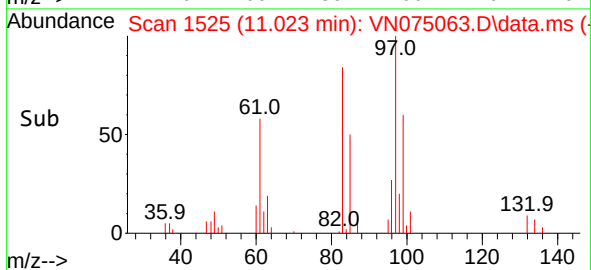
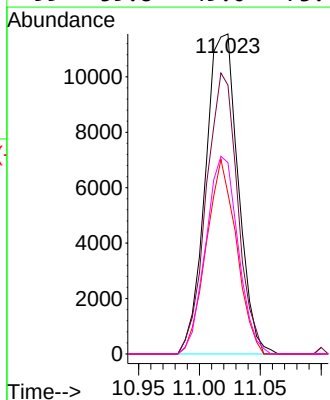
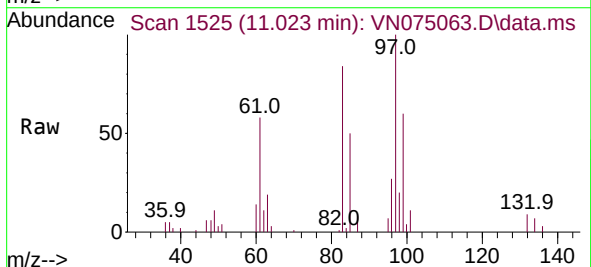
Manual Integrations
 APPROVED

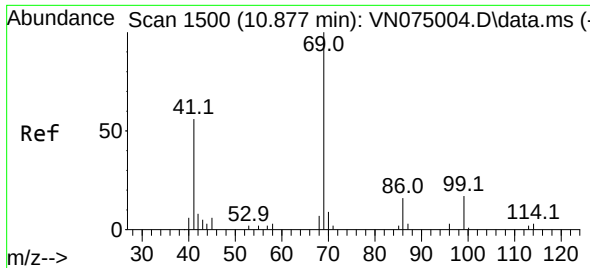
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#50
 1,1,2-Trichloroethane
 Concen: 19.703 ug/l
 RT: 11.023 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: VN075063.D
 Acq: 28 Oct 2022 16:12

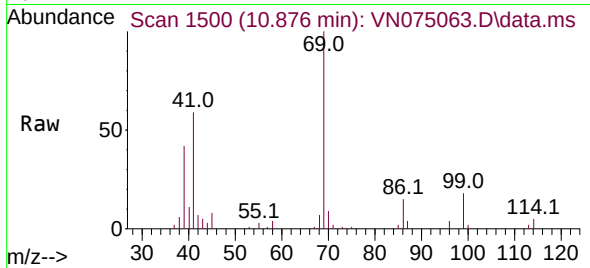
Tgt Ion: 97 Resp: 21637
 Ion Ratio Lower Upper
 97 100
 83 84.0 67.2 100.8
 85 50.1 43.0 64.4
 99 59.8 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.168 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

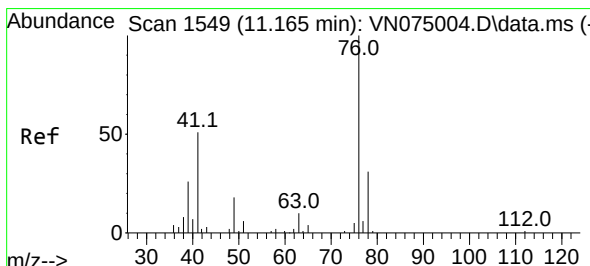
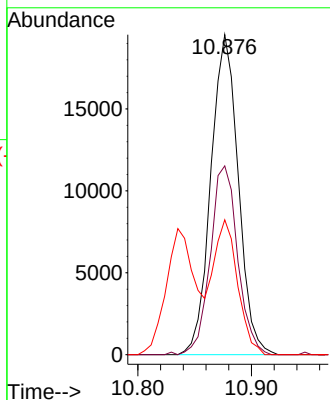
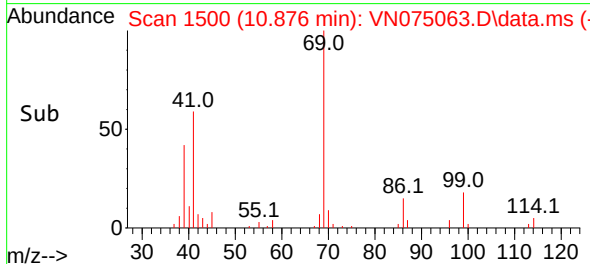
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 69 Resp: 32790
Ion Ratio Lower Upper
69 100
41 59.0 33.0 98.9
39 42.2 25.4 76.4

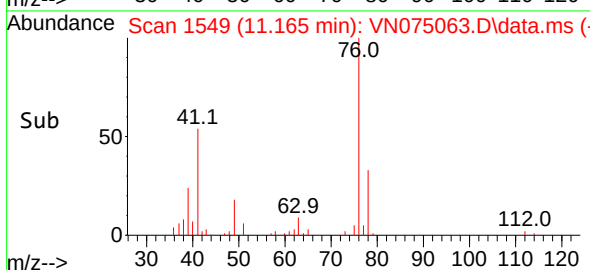
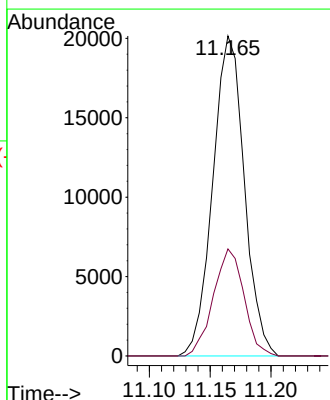
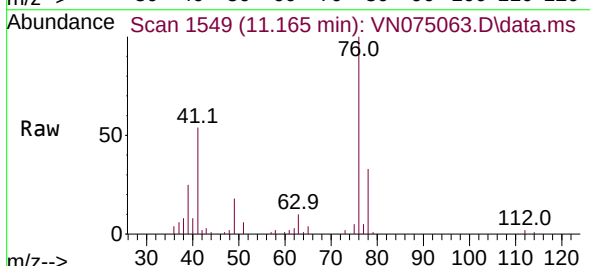
Manual Integrations
APPROVED

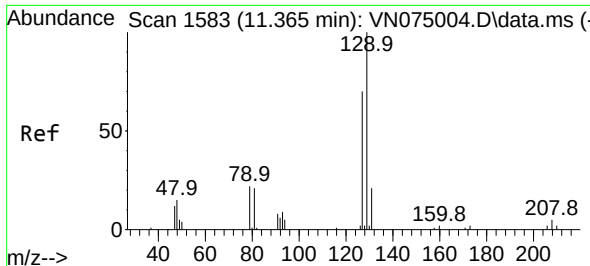
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
1,3-Dichloropropane
Concen: 19.752 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 76 Resp: 36279
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4





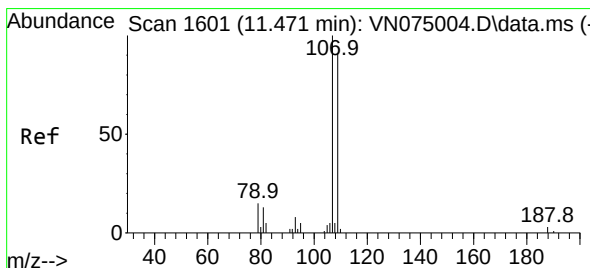
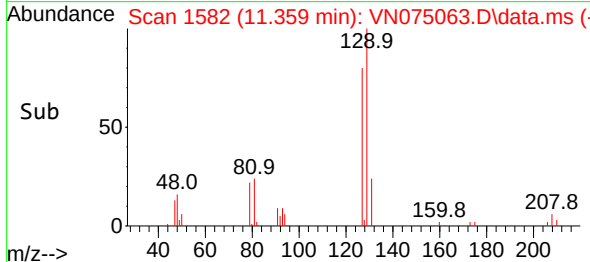
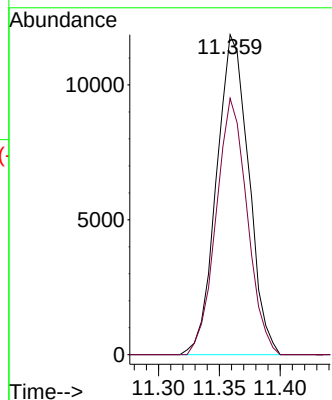
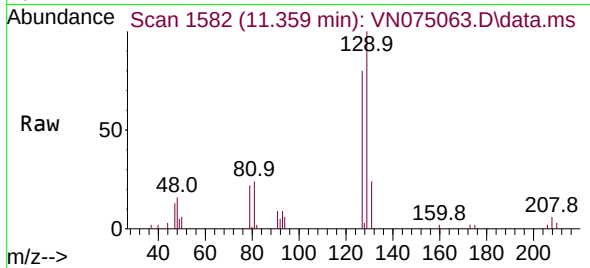
#53
Dibromochloromethane
Concen: 18.382 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:129 Resp: 2183
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

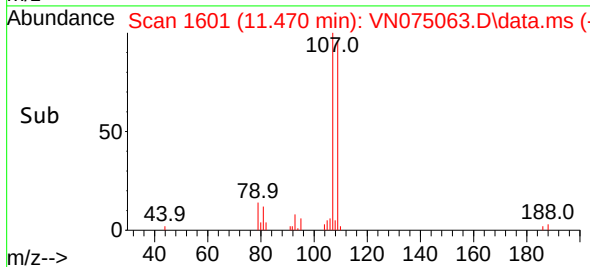
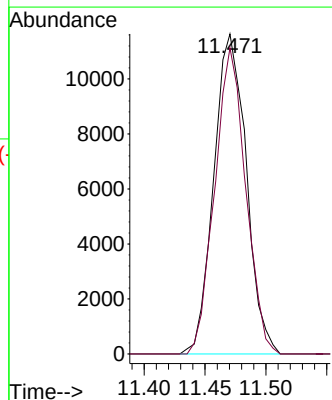
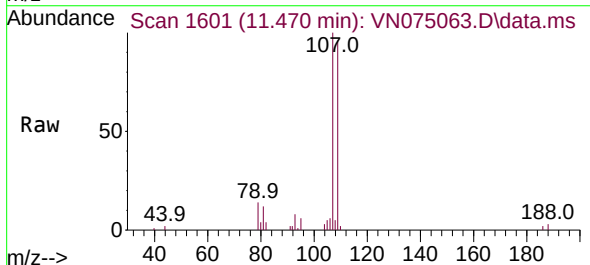
Manual Integrations
APPROVED

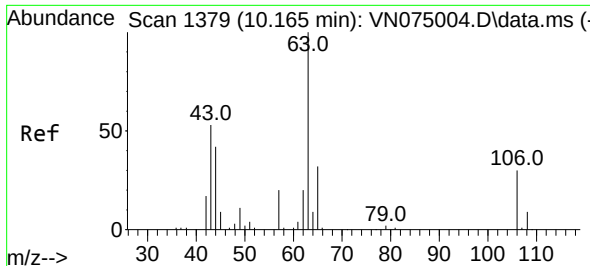
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
1,2-Dibromoethane
Concen: 18.970 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion:107 Resp: 21552
Ion Ratio Lower Upper
107 100
109 91.2 72.8 109.2





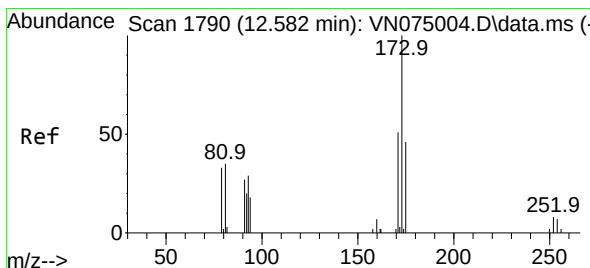
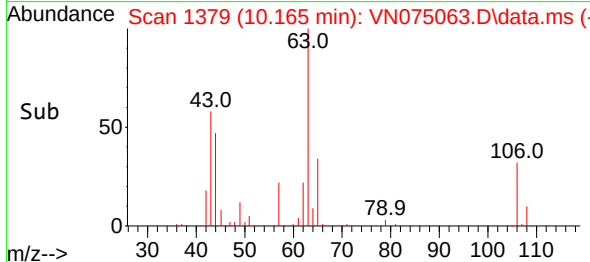
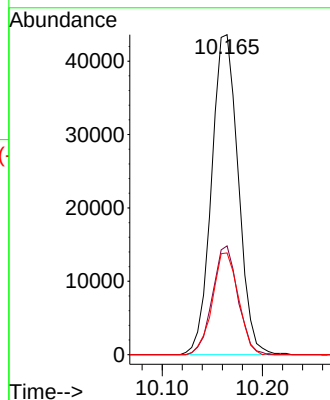
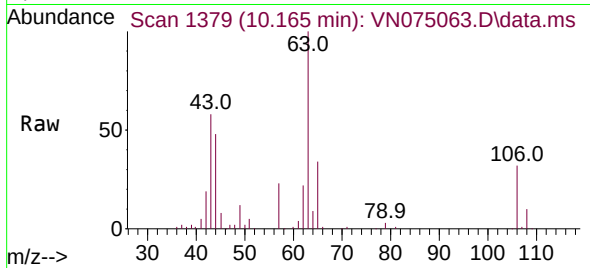
#55
2-Chloroethyl vinyl ether
Concen: 115.416 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 63 Resp: 80680
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 31.0 23.2 34.8

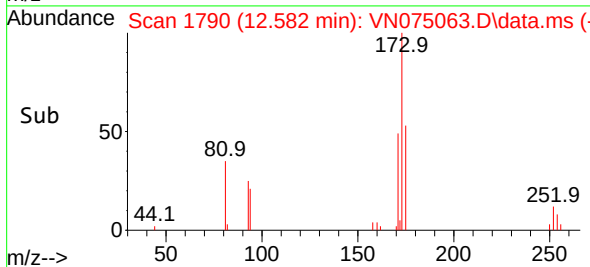
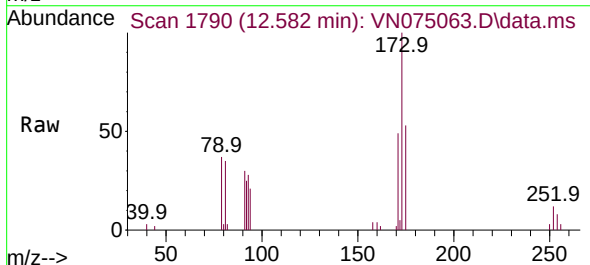
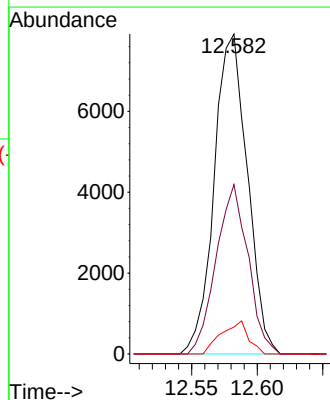
Manual Integrations
APPROVED

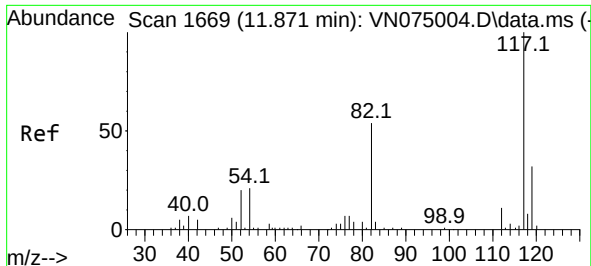
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Bromoform
Concen: 15.963 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

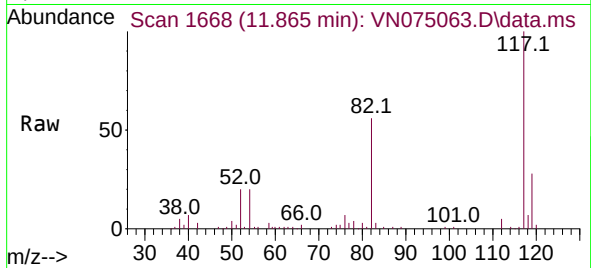
Tgt Ion:173 Resp: 13920
Ion Ratio Lower Upper
173 100
175 50.9 38.6 58.0
254 8.3 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

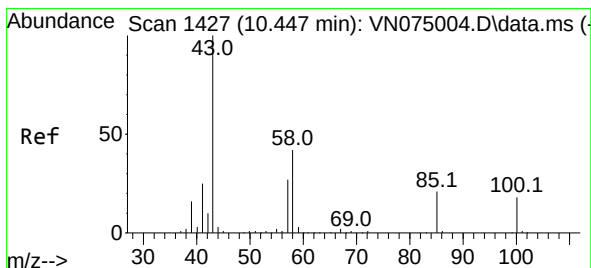
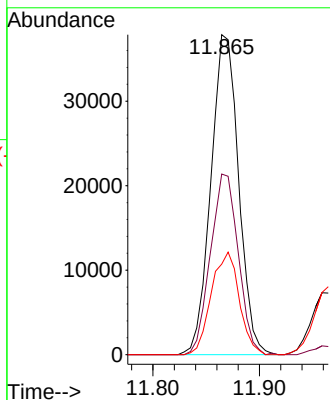
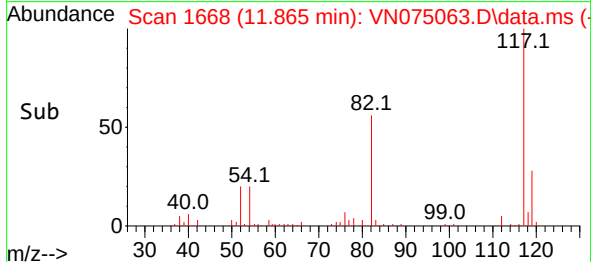
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion:117 Resp: 68472
Ion Ratio Lower Upper
117 100
82 56.5 43.6 65.4
119 32.4 25.8 38.6

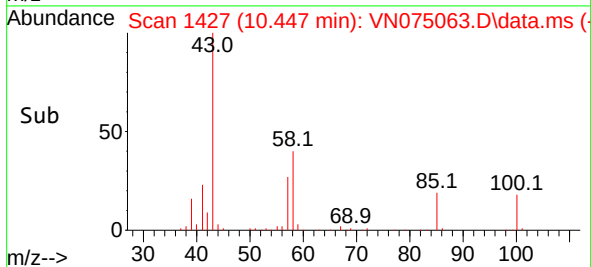
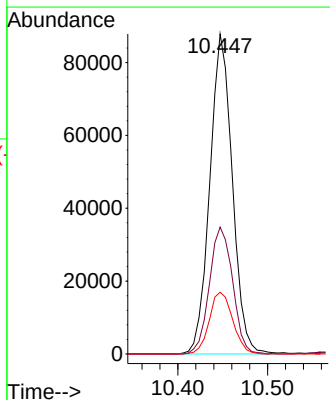
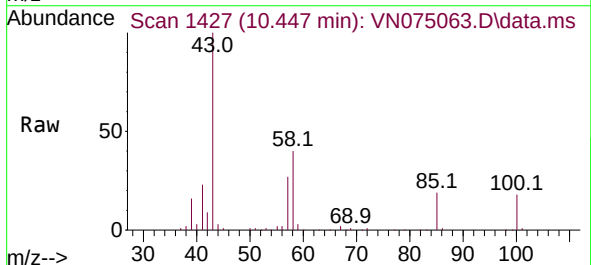
Manual Integrations
APPROVED

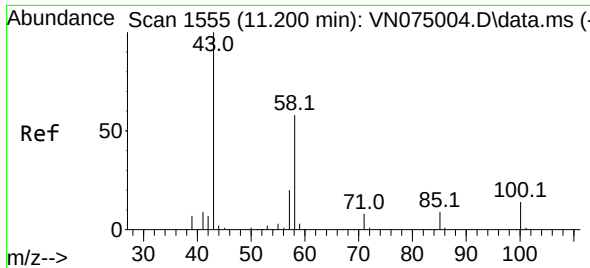
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#58
4-Methyl-2-Pentanone
Concen: 103.614 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 43 Resp: 153030
Ion Ratio Lower Upper
43 100
58 40.8 30.0 45.0
85 20.1 15.0 22.6





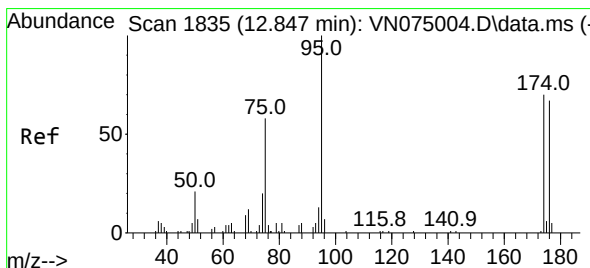
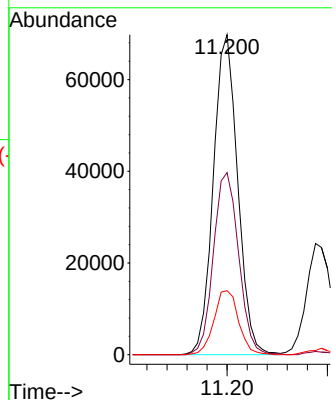
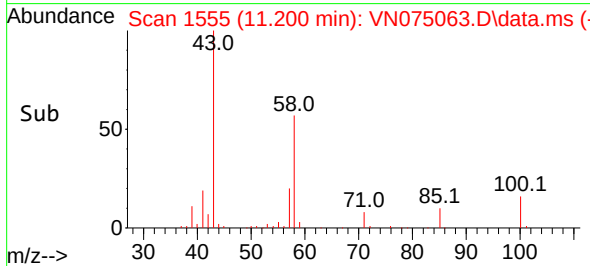
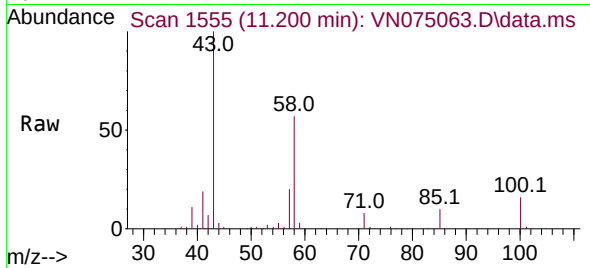
#59
2-Hexanone
Concen: 103.703 ug/l
RT: 11.200 min Scan# 117494
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 43 Resp: 117494
Ion Ratio Lower Upper
43 100
58 58.7 42.2 63.2
57 20.3 15.0 22.4

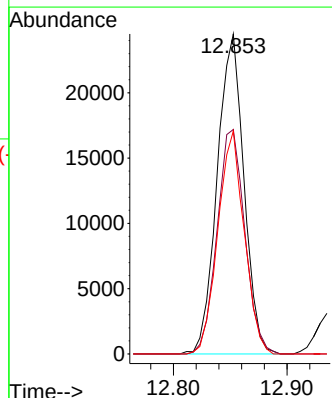
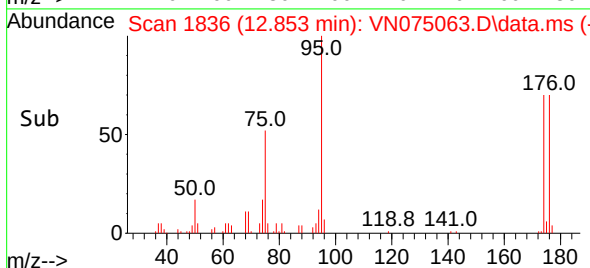
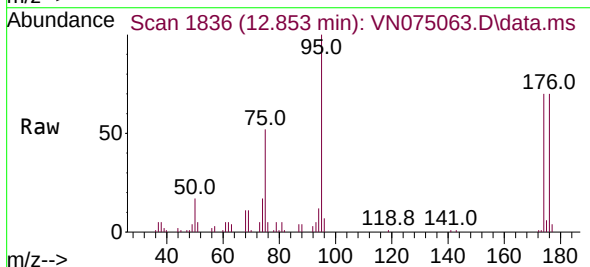
Manual Integrations
APPROVED

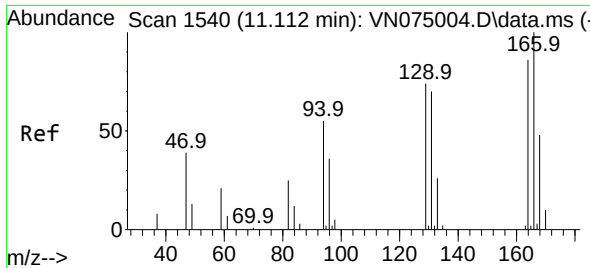
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
4-Bromofluorobenzene
Concen: 29.694 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

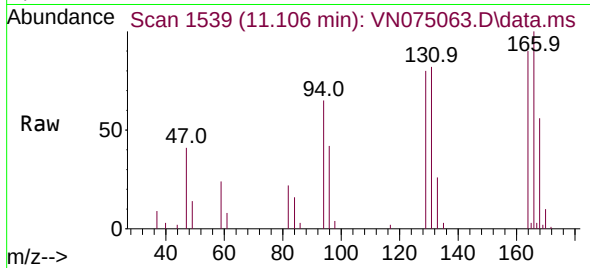
Tgt Ion: 95 Resp: 39949
Ion Ratio Lower Upper
95 100
174 73.0 62.9 94.3
176 68.9 61.0 91.4





#61
Tetrachloroethene
Concen: 21.763 ug/l
RT: 11.106 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

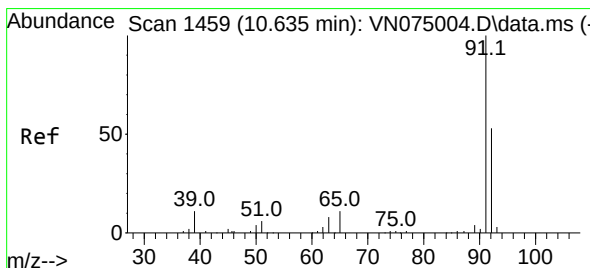
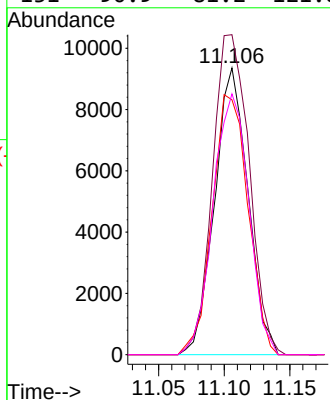
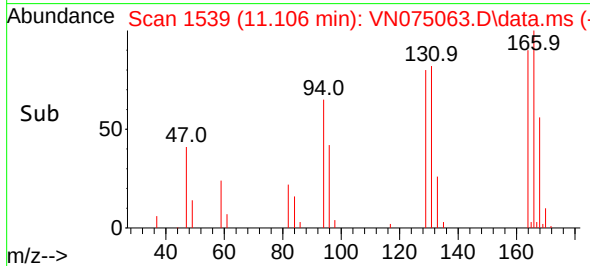
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion:164 Resp: 16572
Ion Ratio Lower Upper
164 100
166 111.6 105.8 158.8
129 88.9 82.5 123.7
131 90.9 81.2 121.8

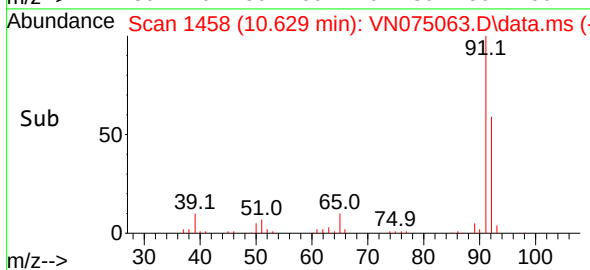
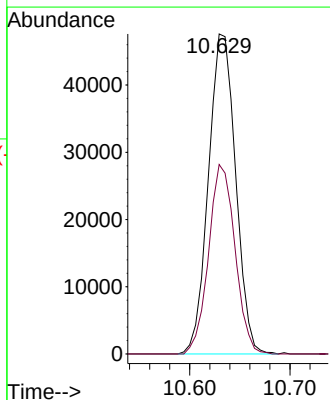
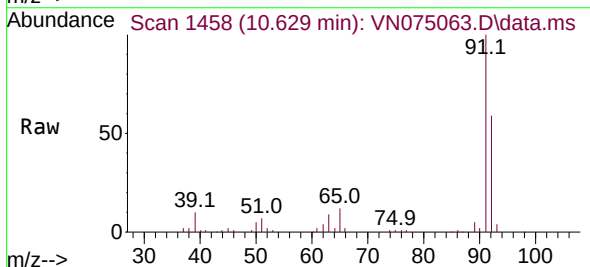
Manual Integrations
APPROVED

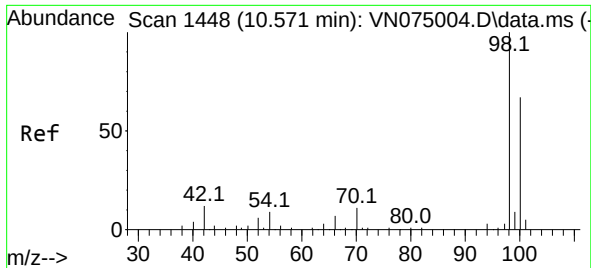
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
Toluene
Concen: 20.260 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

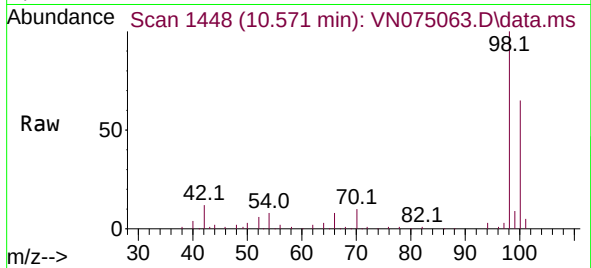
Tgt Ion: 91 Resp: 89818
Ion Ratio Lower Upper
91 100
92 57.4 44.6 67.0





#63
Toluene-d8
Concen: 30.073 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

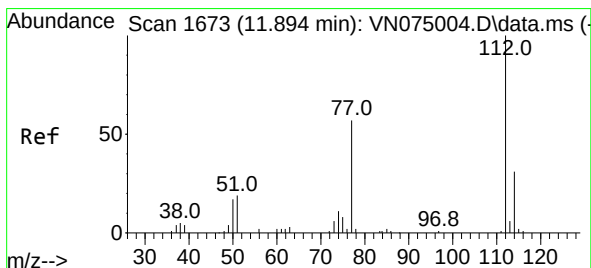
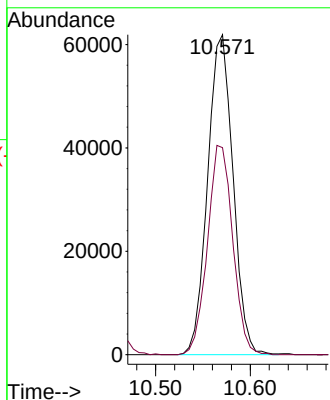
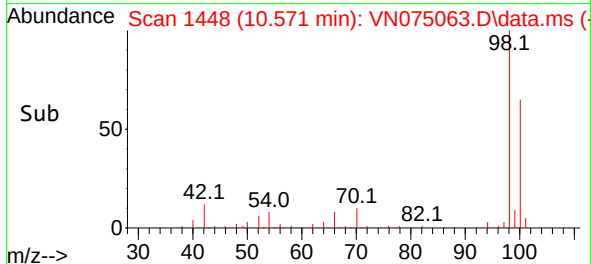
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 98 Resp: 115168
Ion Ratio Lower Upper
98 100
100 65.2 50.6 76.0

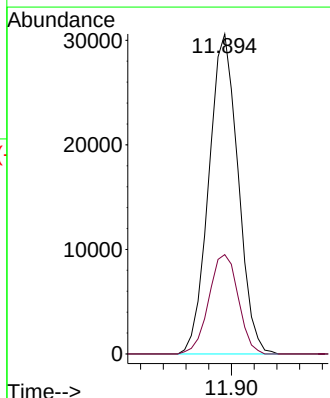
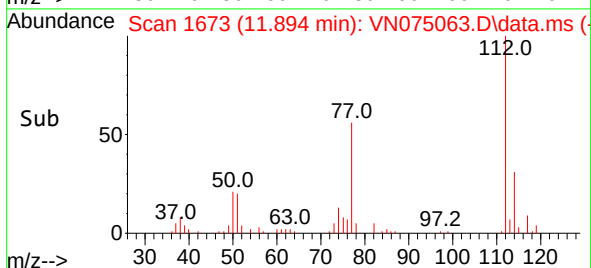
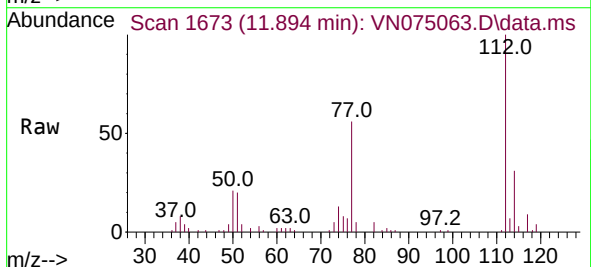
Manual Integrations
APPROVED

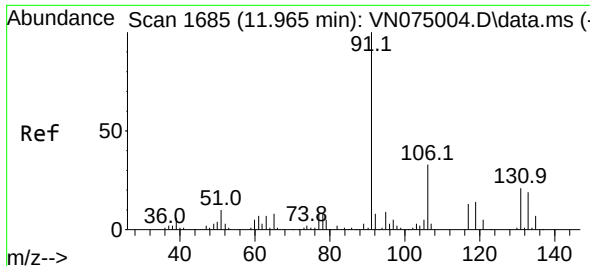
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Chlorobenzene
Concen: 19.933 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

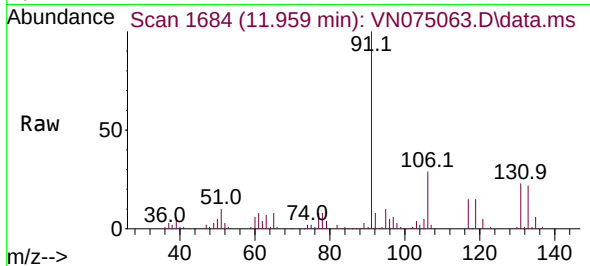
Tgt Ion:112 Resp: 54762
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.780 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

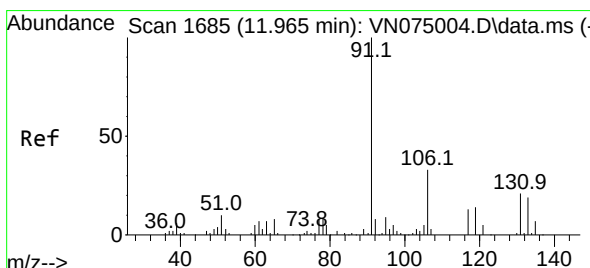
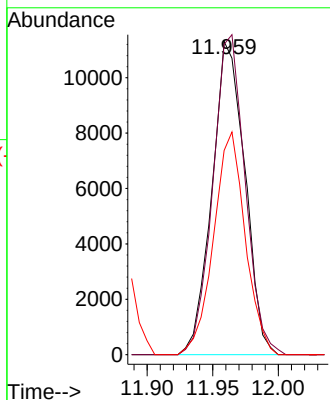
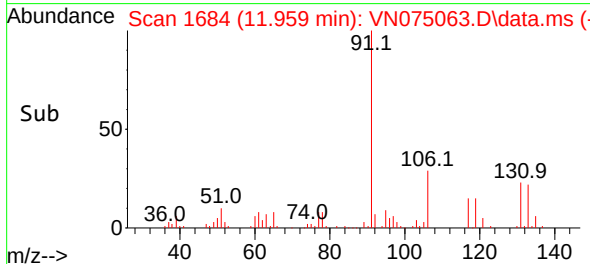
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



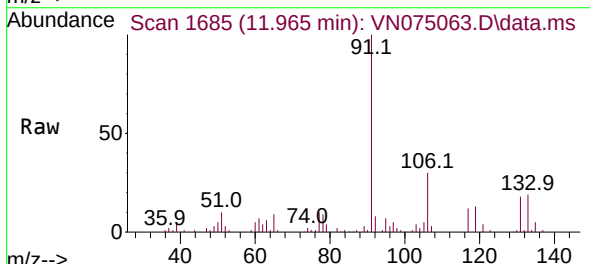
Tgt Ion:131 Resp: 19709
Ion Ratio Lower Upper
131 100
133 100.2 0.0 191.2
119 68.5 0.0 128.8

Manual Integrations
APPROVED

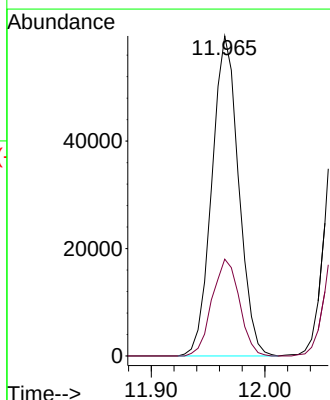
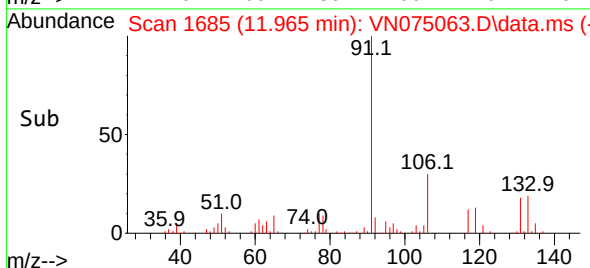
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

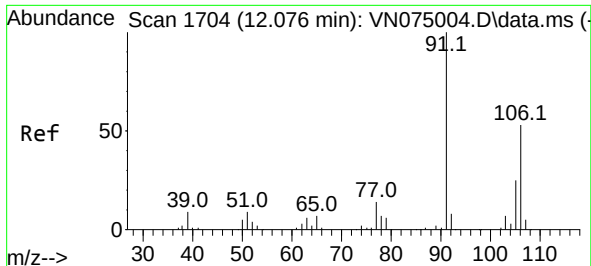


#66
Ethyl Benzene
Concen: 19.533 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12



Tgt Ion: 91 Resp: 97591
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0





#67

m/p-Xylenes

Concen: 38.404 ug/l

RT: 12.070 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

Tgt Ion:106 Resp: 7695

Ion Ratio Lower Upper

106 100

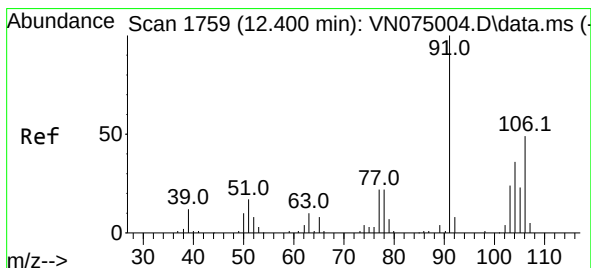
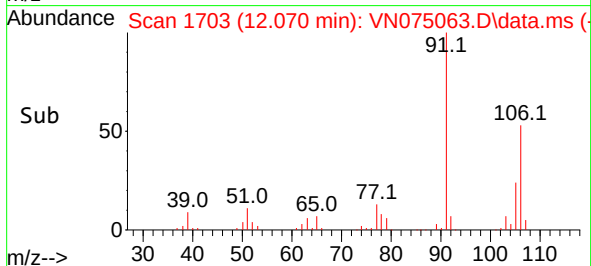
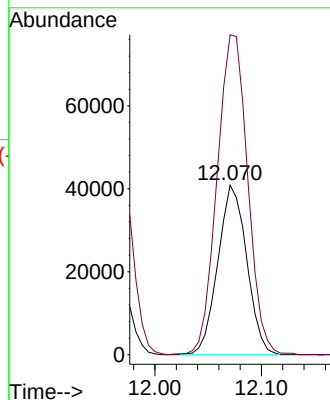
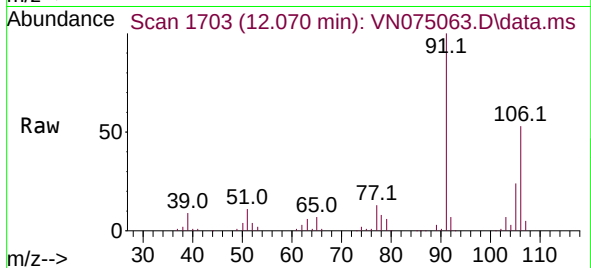
91 198.2 162.9 244.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#68

o-Xylene

Concen: 19.971 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN075063.D

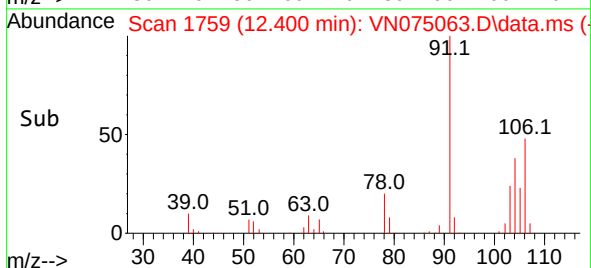
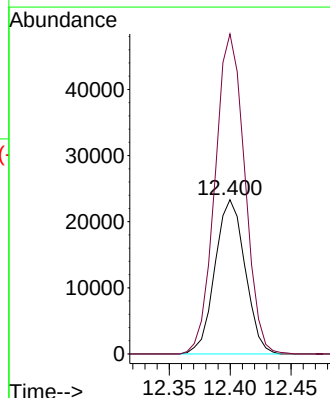
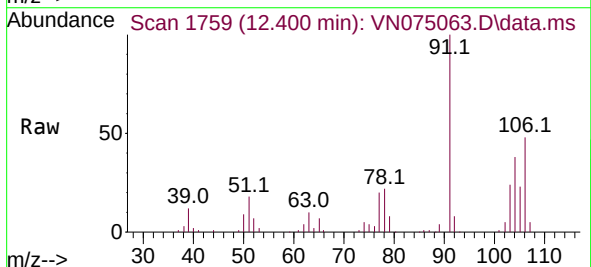
Acq: 28 Oct 2022 16:12

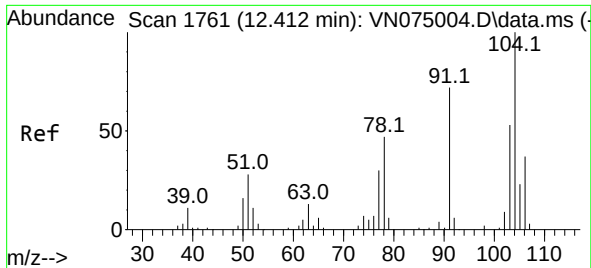
Tgt Ion:106 Resp: 40224

Ion Ratio Lower Upper

106 100

91 204.4 107.7 323.1





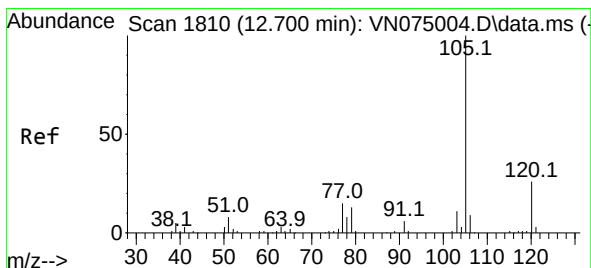
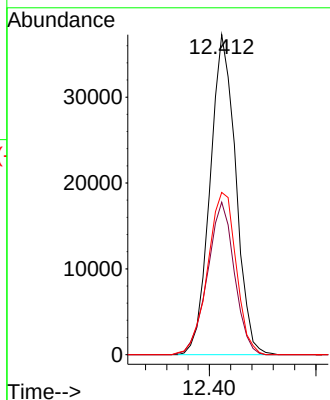
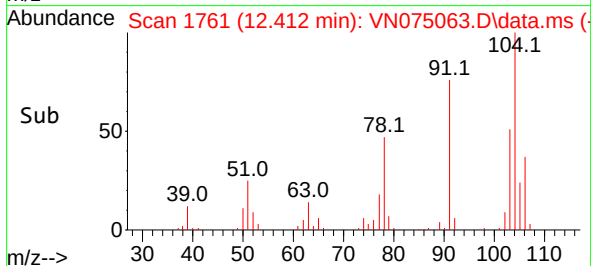
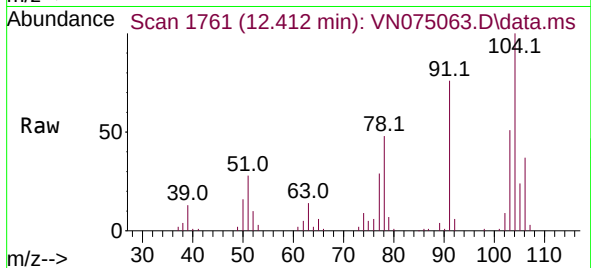
#69
Styrene
Concen: 18.897 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:104 Resp: 62244
Ion Ratio Lower Upper
104 100
78 50.0 40.7 61.1
103 56.3 45.8 68.8

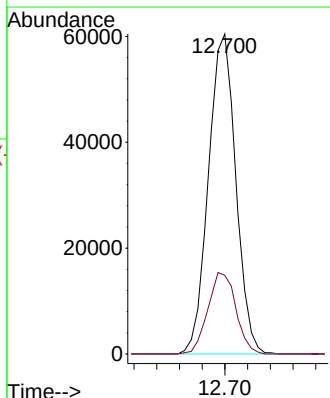
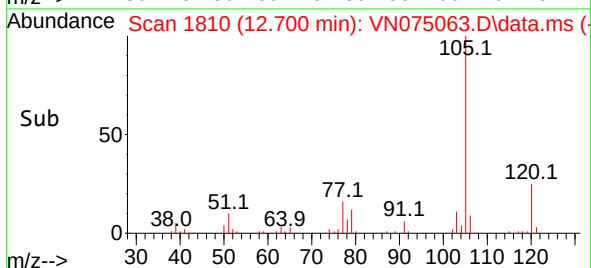
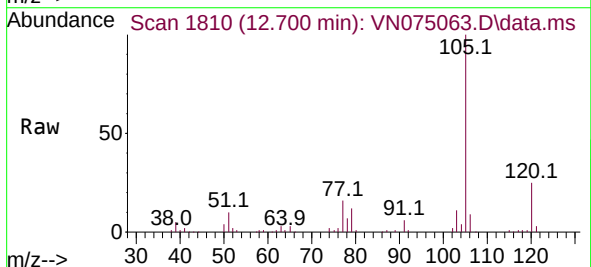
Manual Integrations
APPROVED

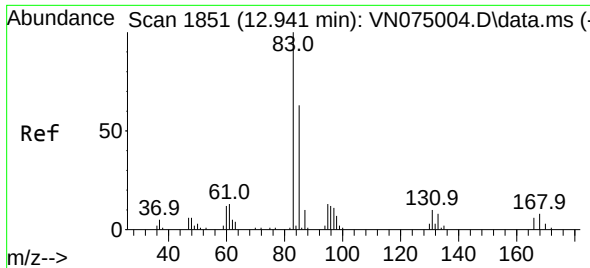
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Isopropylbenzene
Concen: 19.269 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

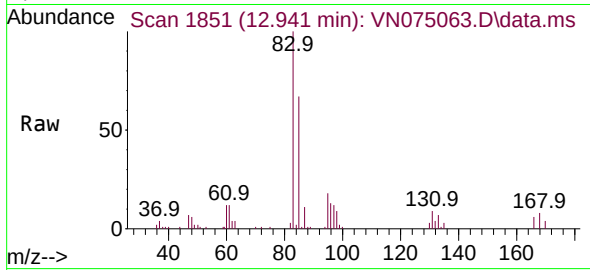
Tgt Ion:105 Resp: 101121
Ion Ratio Lower Upper
105 100
120 26.0 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.232 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

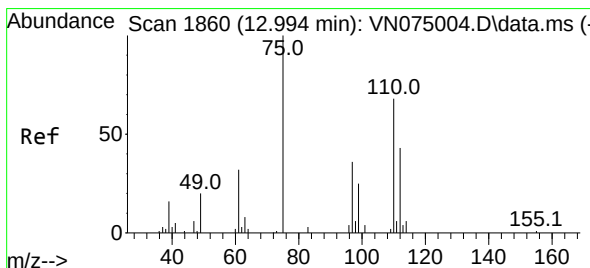
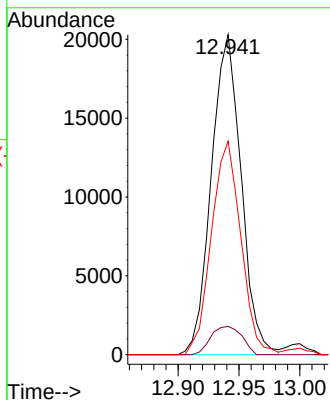
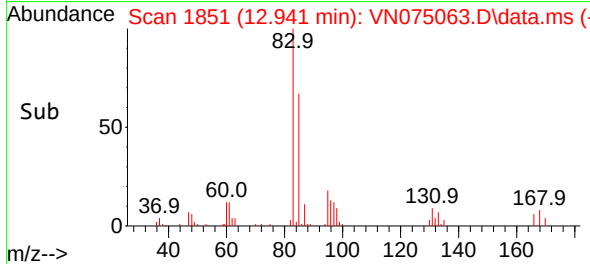
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



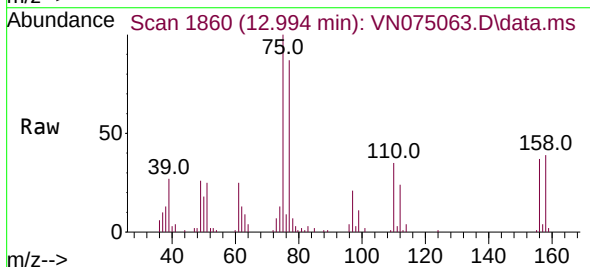
Tgt Ion: 83 Resp: 34580
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 65.9 33.1 99.2

Manual Integrations
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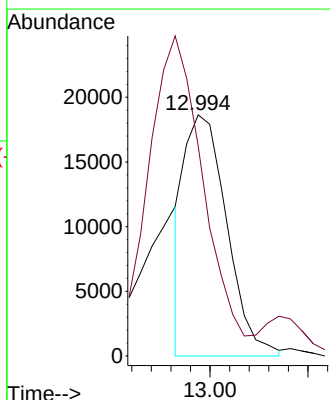
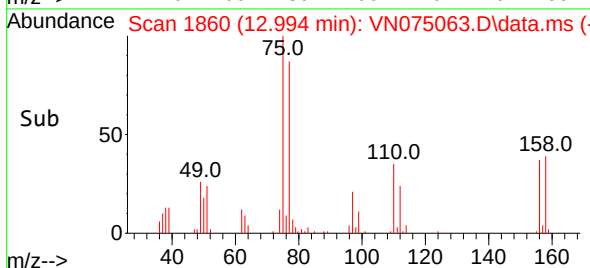
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

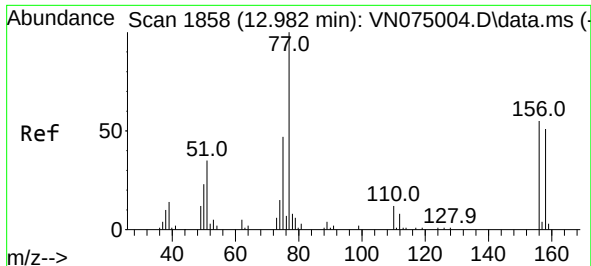


#72
1,2,3-Trichloropropane
Concen: 18.003 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12



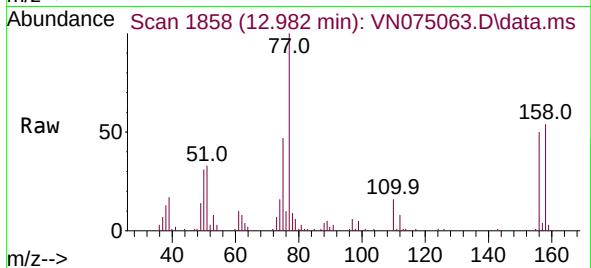
Tgt Ion: 75 Resp: 27946
Ion Ratio Lower Upper
75 100
77 175.3 0.0 378.0





#73
Bromobenzene
Concen: 18.229 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

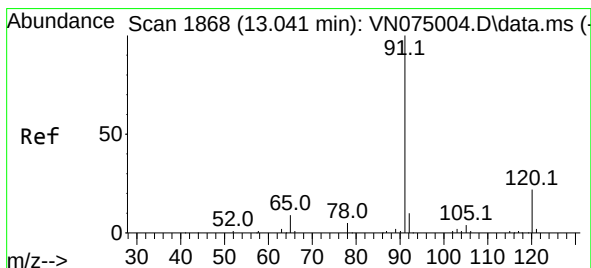
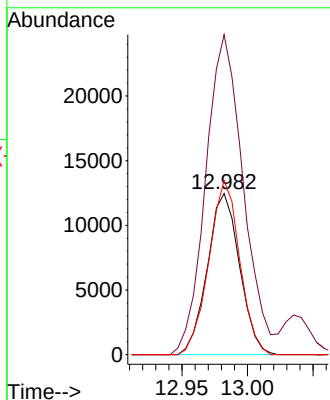
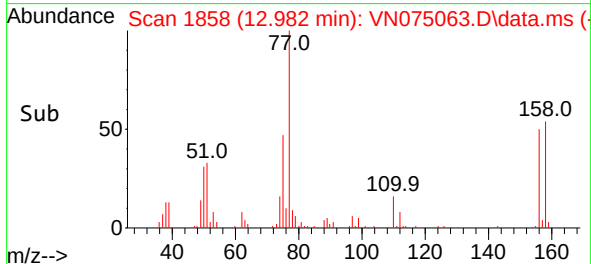
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



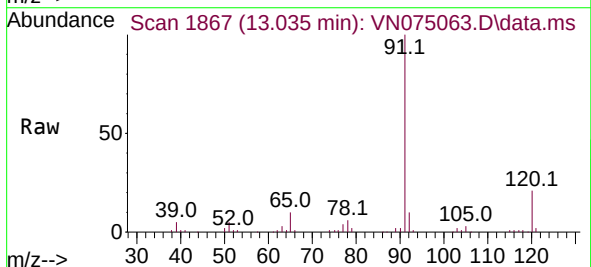
Tgt Ion:156 Resp: 2129
Ion Ratio Lower Upper
156 100
77 230.0 0.0 416.0
158 103.4 0.0 195.4

Manual Integrations
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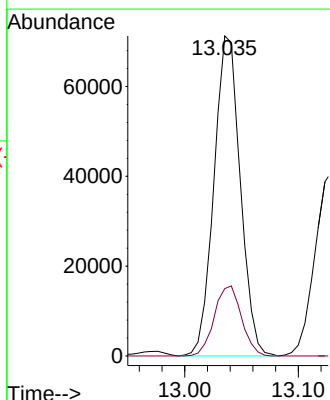
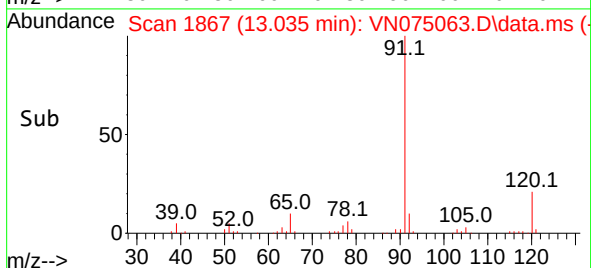
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

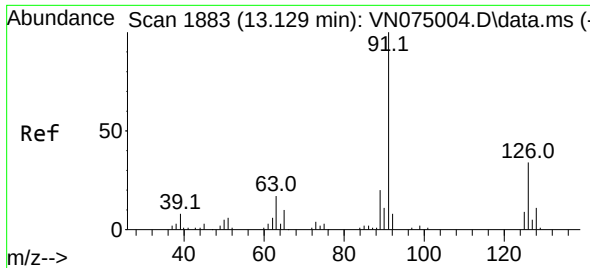


#74
n-propylbenzene
Concen: 19.553 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12



Tgt Ion: 91 Resp: 114910
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.0





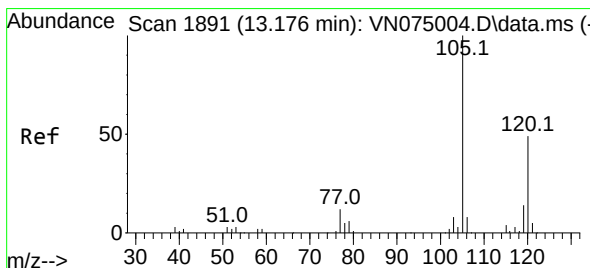
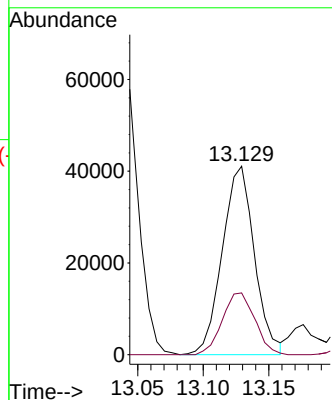
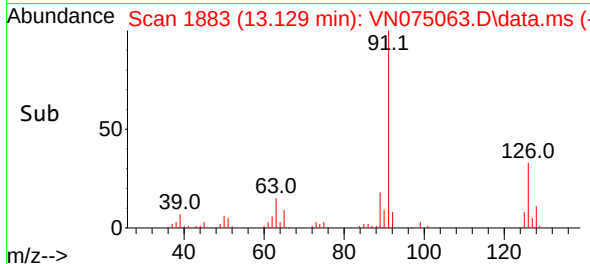
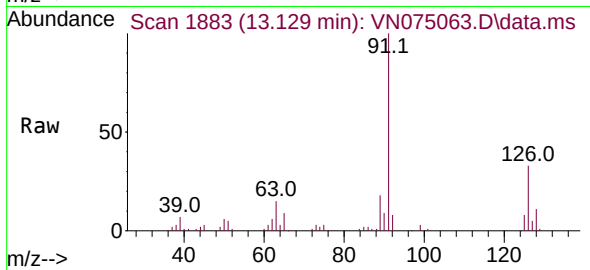
#75
2-Chlorotoluene
Concen: 19.623 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 91 Resp: 70179
Ion Ratio Lower Upper
91 100
126 33.1 0.0 69.8

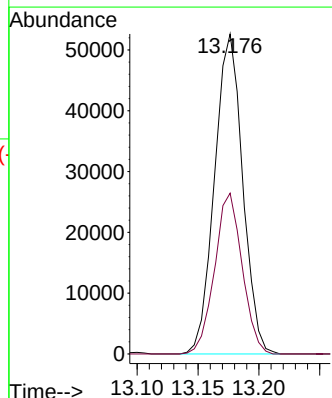
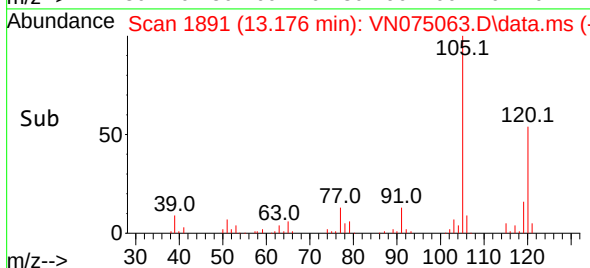
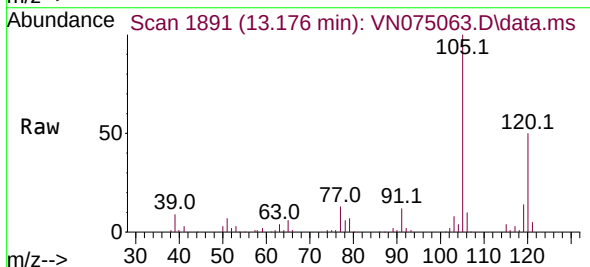
Manual Integrations
APPROVED

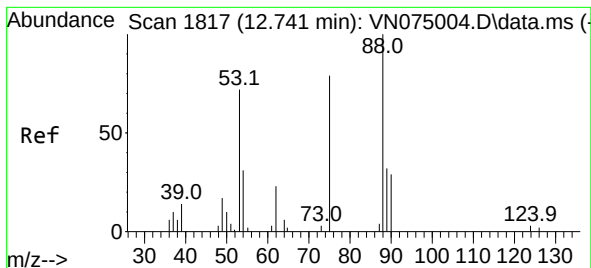
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.015 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

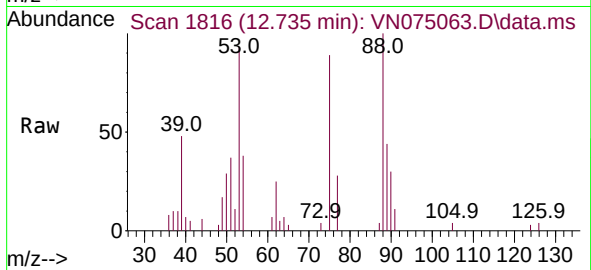
Tgt Ion:105 Resp: 84531
Ion Ratio Lower Upper
105 100
120 49.2 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.458 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

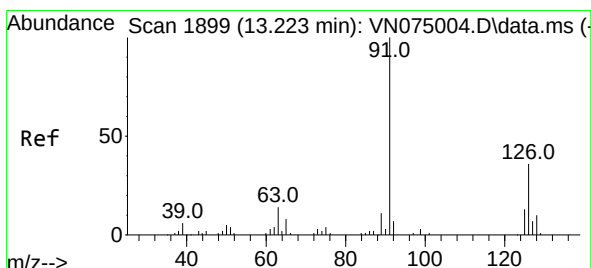
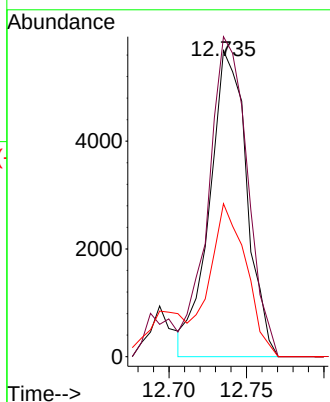
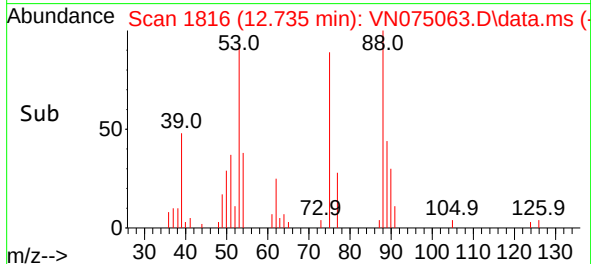
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 75 Resp: 9460
Ion Ratio Lower Upper
75 100
53 104.6 51.8 155.5
89 50.0 22.9 68.7

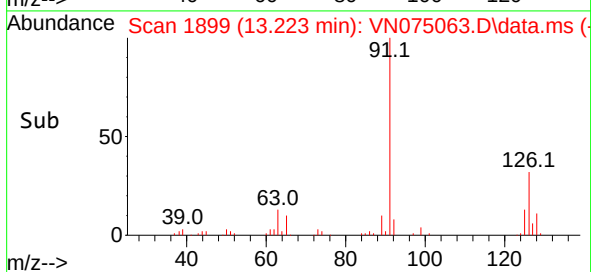
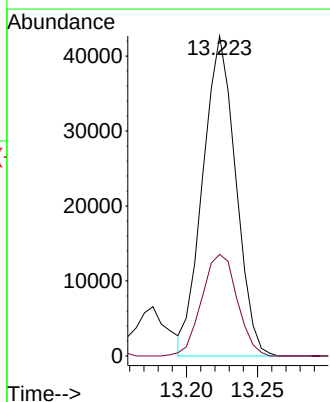
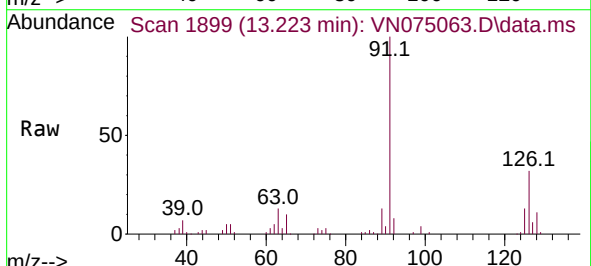
Manual Integrations
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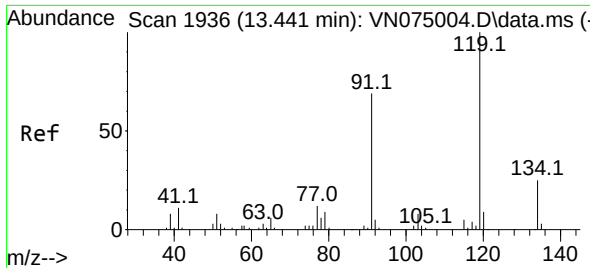
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#78
4-Chlorotoluene
Concen: 19.835 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 91 Resp: 68901
Ion Ratio Lower Upper
91 100
126 34.1 0.0 70.6





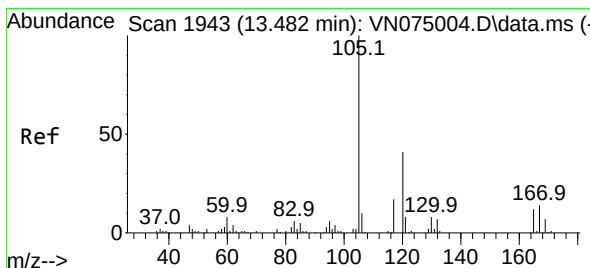
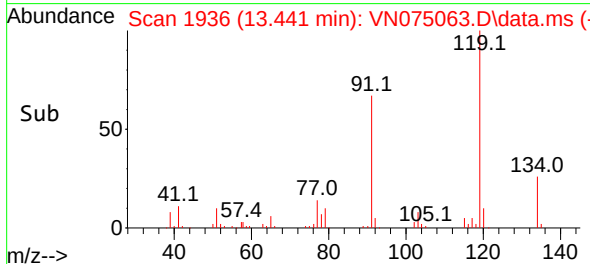
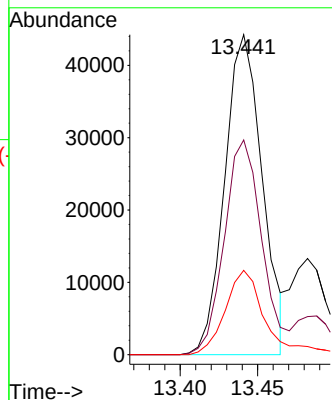
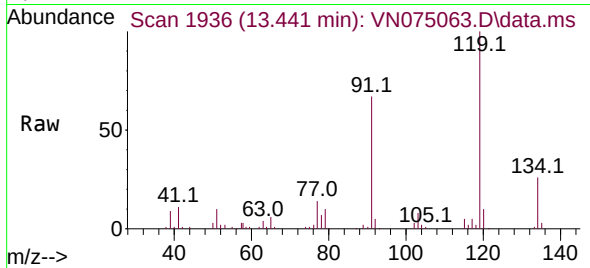
#79
tert-butylbenzene
Concen: 18.822 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:119 Resp: 74710
Ion Ratio Lower Upper
119 100
91 67.4 0.0 137.0
134 25.8 0.0 47.6

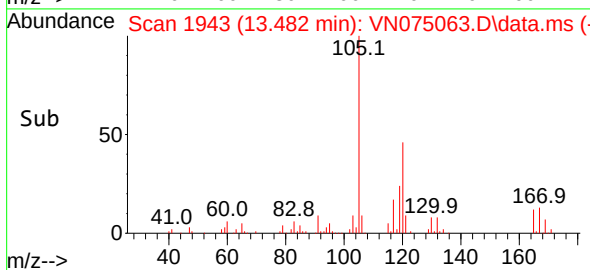
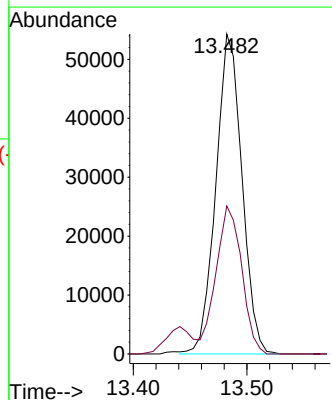
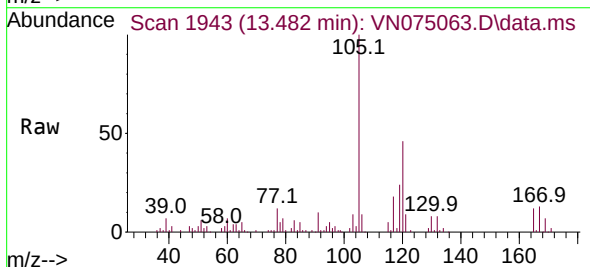
Manual Integrations
APPROVED

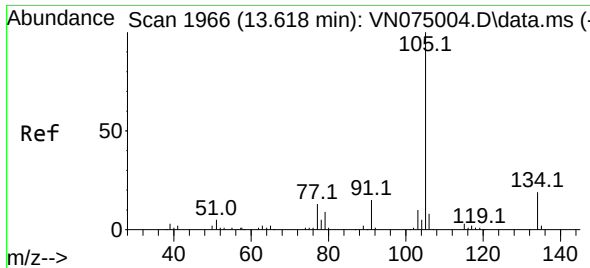
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.155 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion:105 Resp: 86621
Ion Ratio Lower Upper
105 100
120 45.4 0.0 0.2#





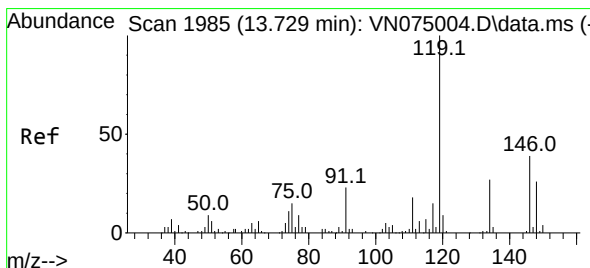
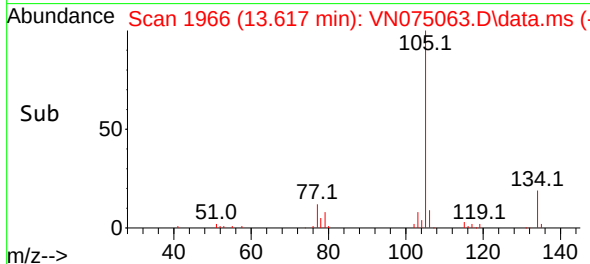
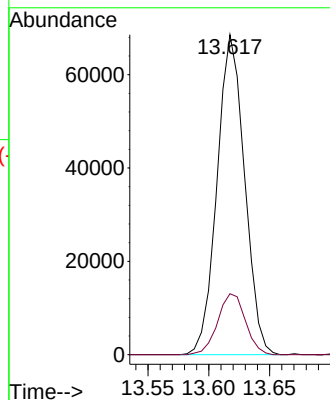
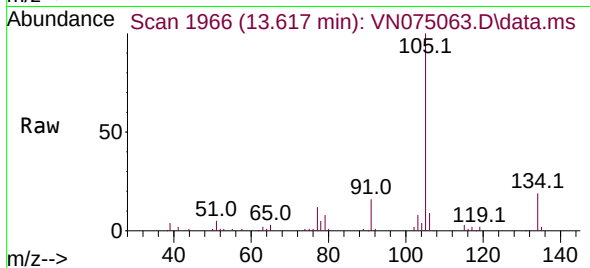
#81
 sec-Butylbenzene
 Concen: 19.341 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075063.D
 Acq: 28 Oct 2022 16:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

Tgt Ion:105 Resp: 107920
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.4

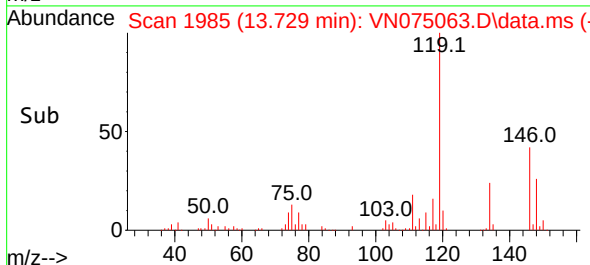
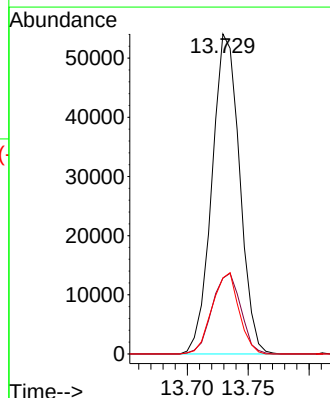
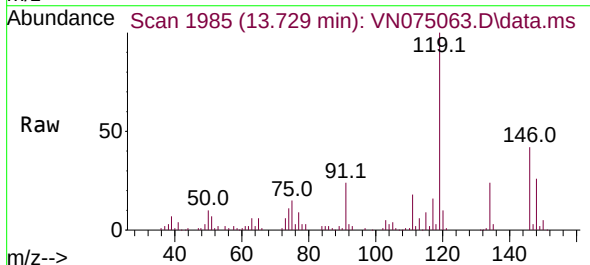
Manual Integrations
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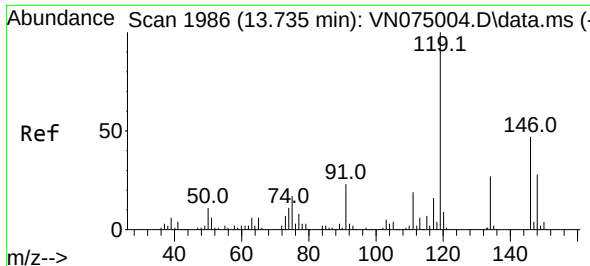
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#82
 p-Isopropyltoluene
 Concen: 18.175 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075063.D
 Acq: 28 Oct 2022 16:12

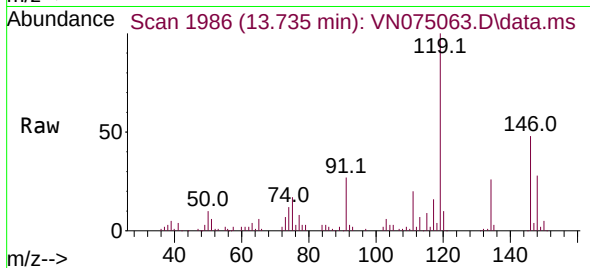
Tgt Ion:119 Resp: 85559
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 24.6 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.625 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

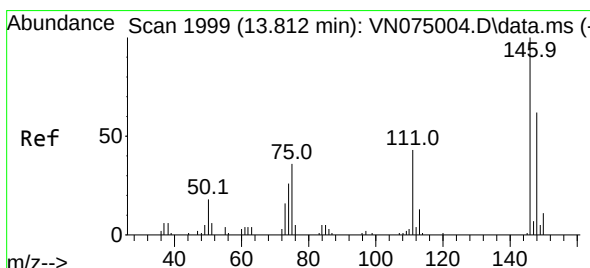
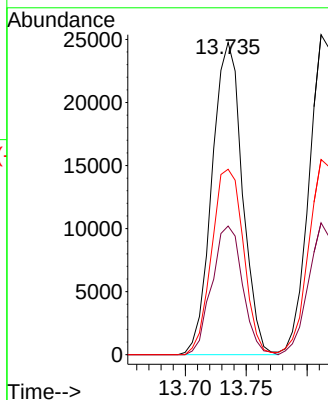
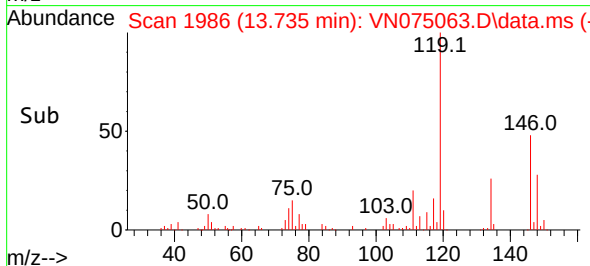
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



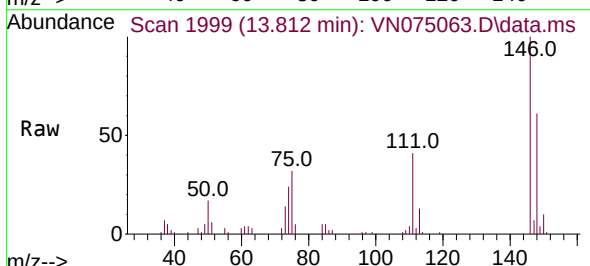
Tgt Ion:146 Resp: 4302
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 62.1 31.4 94.3

Manual Integrations
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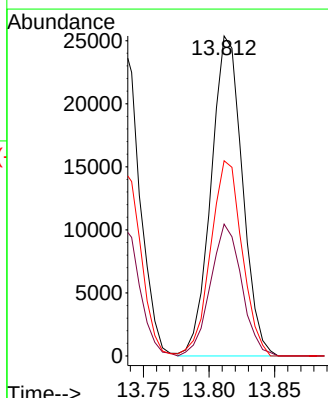
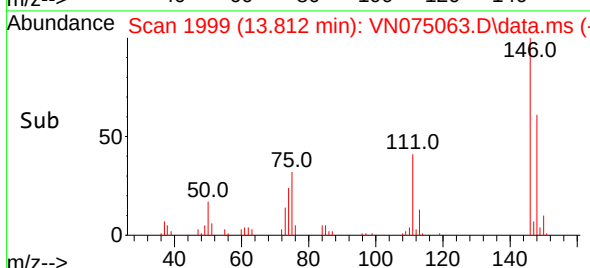
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

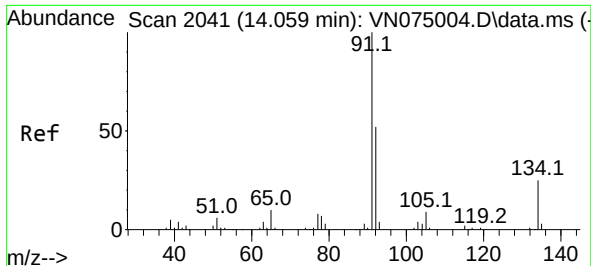


#84
1,4-Dichlorobenzene
Concen: 18.898 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12



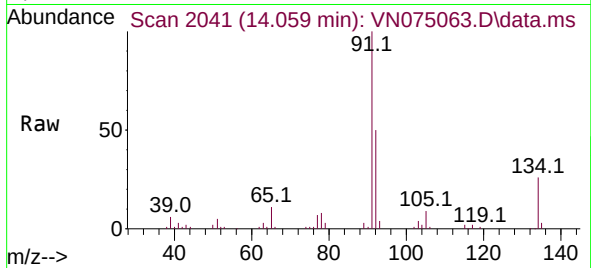
Tgt Ion:146 Resp: 42116
Ion Ratio Lower Upper
146 100
111 41.0 19.5 58.5
148 61.3 31.1 93.5





#85
n-Butylbenzene
Concen: 18.533 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

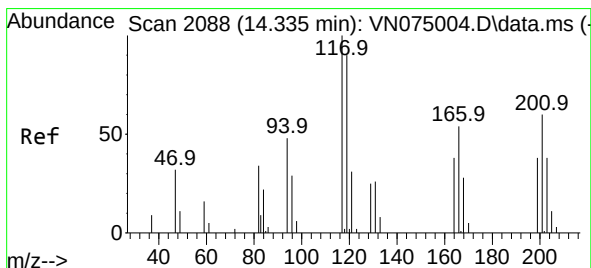
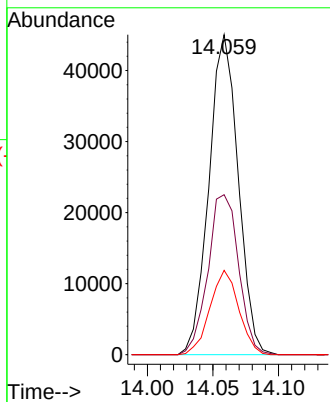
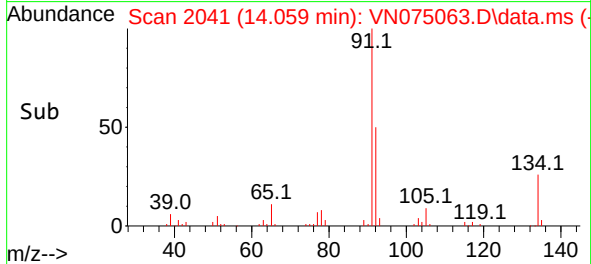
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 91 Resp: 69970
Ion Ratio Lower Upper
91 100
92 52.4 0.0 100.6
134 25.9 0.0 50.2

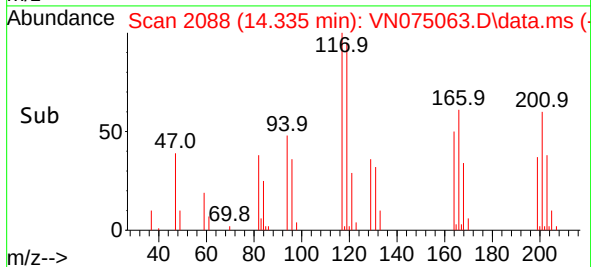
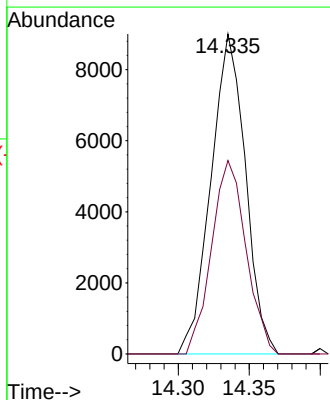
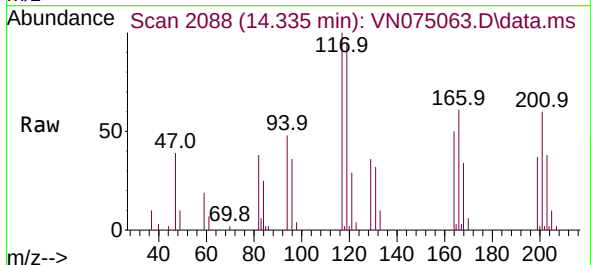
Manual Integrations
APPROVED

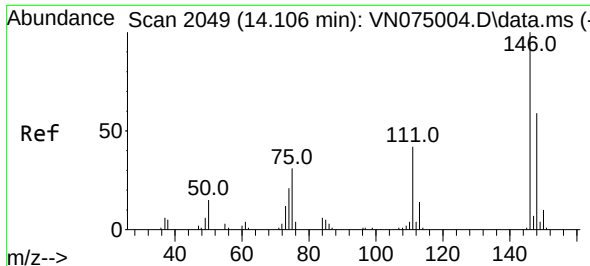
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#86
Hexachloroethane
Concen: 17.453 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

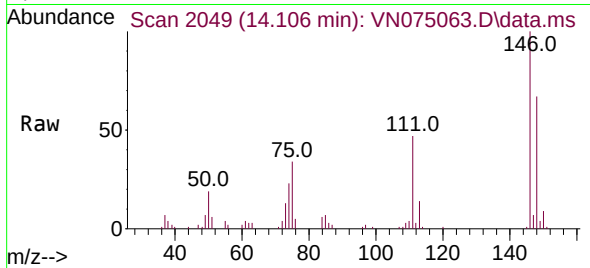
Tgt Ion:117 Resp: 15225
Ion Ratio Lower Upper
117 100
201 60.4 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 18.595 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

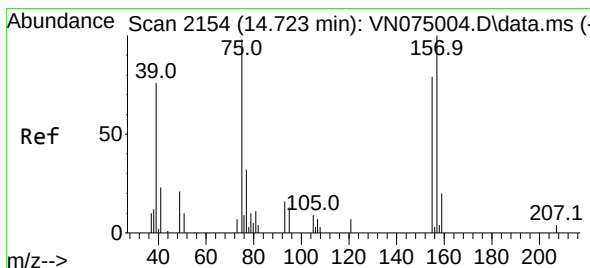
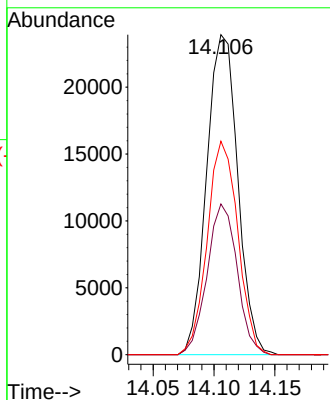
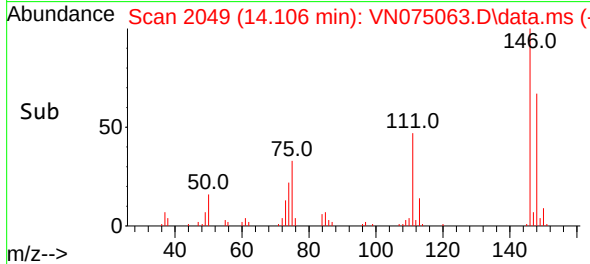
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion:146 Resp: 4248
Ion Ratio Lower Upper
146 100
111 45.5 21.4 64.2
148 65.7 32.5 97.4

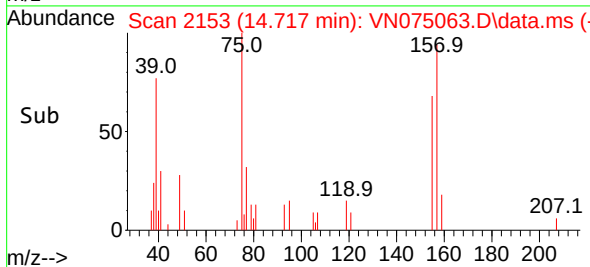
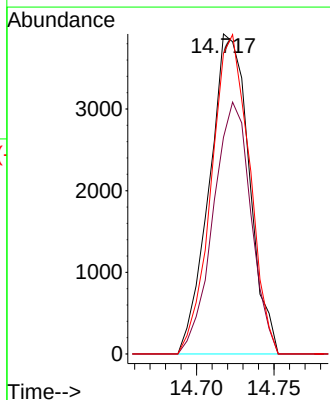
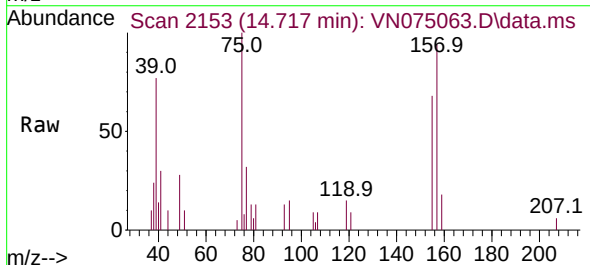
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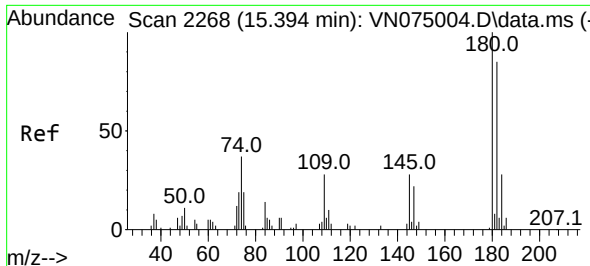
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.434 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 75 Resp: 6983
Ion Ratio Lower Upper
75 100
155 74.8 63.8 95.8
157 95.3 77.9 116.9





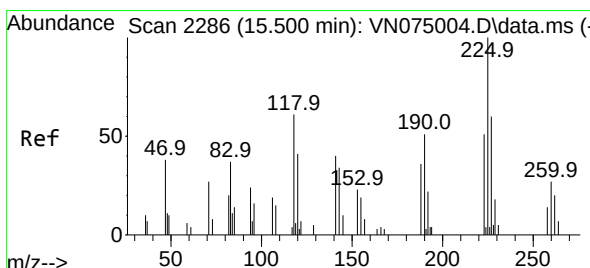
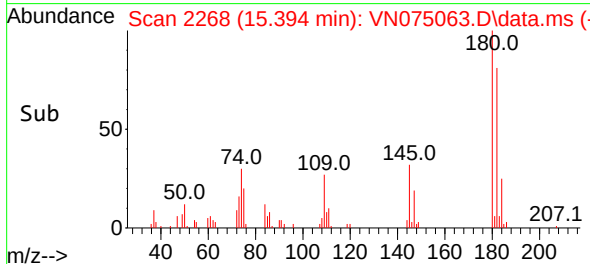
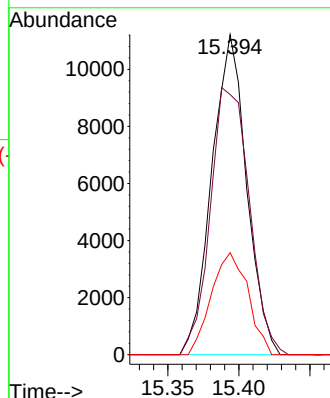
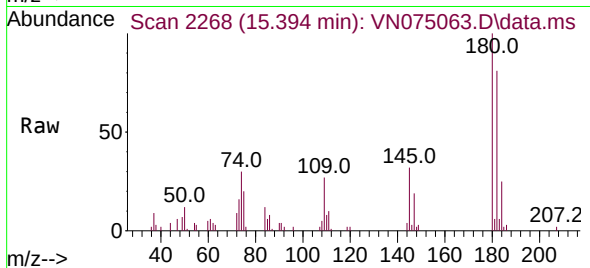
#89
1,2,4-Trichlorobenzene
Concen: 18.966 ug/l
RT: 15.394 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:180 Resp: 1914
Ion Ratio Lower Upper
180 100
182 93.3 77.7 116.5
145 33.5 26.6 39.8

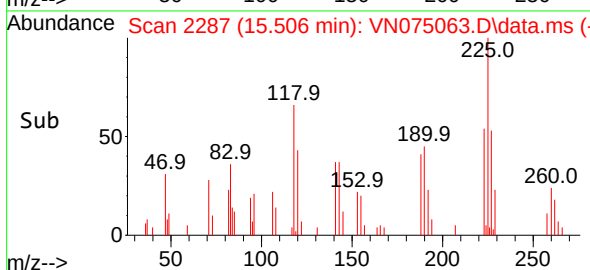
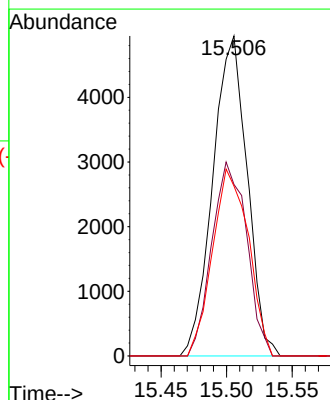
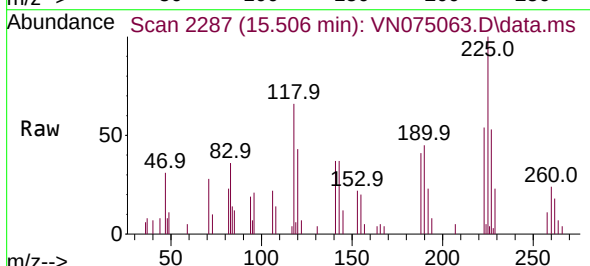
Manual Integrations
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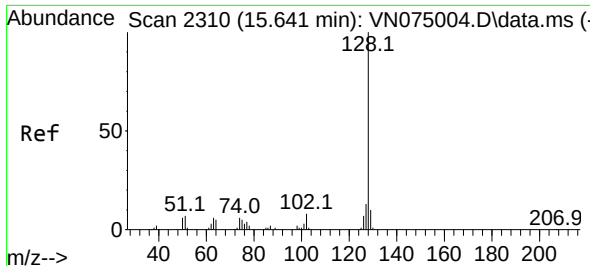
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachlorobutadiene
Concen: 19.429 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

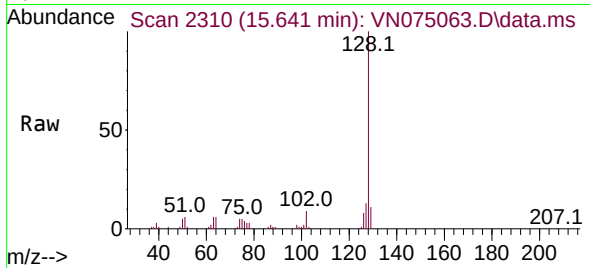
Tgt Ion:225 Resp: 9018
Ion Ratio Lower Upper
225 100
223 61.4 0.0 126.8
227 61.0 0.0 123.0





#91
Naphthalene
Concen: 18.302 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

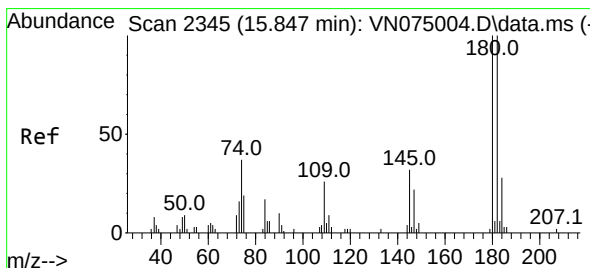
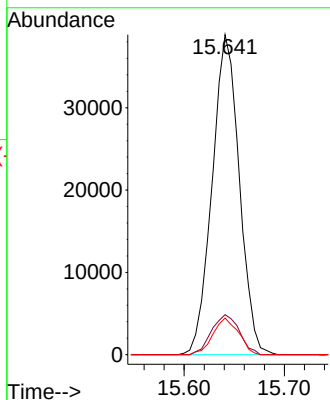
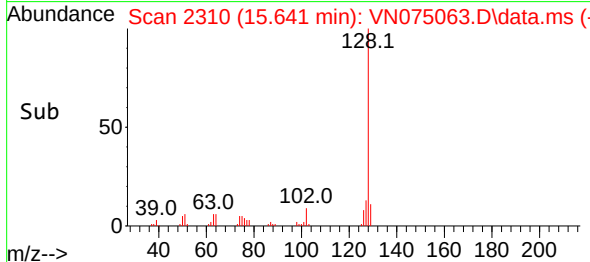
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



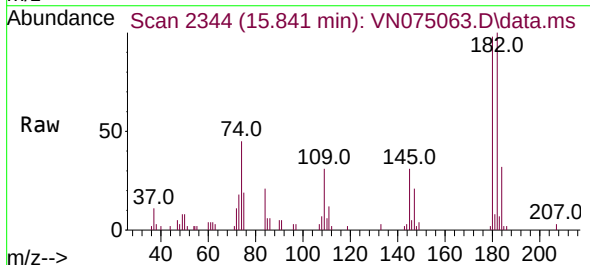
Tgt Ion:128 Resp: 73204
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.239 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12



Tgt Ion:180 Resp: 18633
Ion Ratio Lower Upper
180 100
182 97.0 0.0 190.0
145 35.0 0.0 67.8

