

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074869.D
 Acq On : 12 Oct 2022 11:02
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/13/2022
 Supervised By : Mahesh Dadoda 10/14/2022

Quant Time: Oct 13 07:14:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:11:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.830	128	76303	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	424945	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	384952	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	205980	28.834	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.100%		
60) 4-Bromofluorobenzene	12.853	95	194461	28.486	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	94.967%		
63) Toluene-d8	10.571	98	687054	30.924	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.067%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	86775	20.479	ug/l	99
3) Chloromethane	2.383	50	144701	21.116	ug/l	98
4) Vinyl Chloride	2.530	62	219850	21.787	ug/l	100
5) Bromomethane	2.948	94	166162	20.768	ug/l	91
6) Chloroethane	3.124	64	173419	21.567	ug/l	91
7) Trichlorofluoromethane	3.506	101	157732	20.967	ug/l	99
8) Diethyl Ether	3.989	74	75332m	21.467	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.383	101	99513m	21.029	ug/l	
10) 1,1-Dichloroethene	4.359	96	92875m	19.884	ug/l	
11) Methyl Iodide	4.612	142	119615	20.600	ug/l	98
12) Methyl Acetate	5.048	43	227578	20.276	ug/l	93
13) Acrolein	4.206	56	157174	99.110	ug/l	97
14) Acrylonitrile	5.742	53	429675	102.643	ug/l	99
15) Acetone	4.453	58	117830	102.557	ug/l	90
16) Carbon Disulfide	4.736	76	244121	20.419	ug/l	97
17) Allyl chloride	5.042	41	206638m	21.795	ug/l	
18) Methylene Chloride	5.300	84	126205m	20.921	ug/l	
19) trans-1,2-Dichloroethene	5.812	96	101229	19.803	ug/l	82
20) Diisopropyl ether	6.694	45	431365	19.931	ug/l	93
21) 1,1-Dichloroethane	6.583	63	226877	20.611	ug/l	96
22) cis-1,2-Dichloroethene	7.500	96	128398	20.059	ug/l #	91
23) tert-Butyl Alcohol	5.559	59	177982	101.426	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	388710	19.987	ug/l #	82
25) Chloroform	7.977	83	211435	19.337	ug/l	95
26) Cyclohexane	8.265	56	195704	20.234	ug/l #	96
29) 1,1-Dichloropropene	8.383	75	151835	19.803	ug/l	98
30) 2-Butanone	7.506	43	631983	103.305	ug/l	100
31) 2,2-Dichloropropane	7.506	77	186852	19.931	ug/l	96
32) 1,1,1-Trichloroethane	8.183	97	186664	20.301	ug/l	98
33) Carbon Tetrachloride	8.371	117	157631	20.842	ug/l #	90
34) Benzene	8.612	78	522924	20.633	ug/l #	93
35) Methacrylonitrile	7.794	41	131082	20.848	ug/l	95
36) 1,2-Dichloroethane	8.683	62	170827	20.240	ug/l	99
37) Trichloroethene	9.359	130	106191	20.147	ug/l	99
38) Methylcyclohexane	9.606	83	181123	19.445	ug/l	95
39) 1,2-Dichloropropane	9.630	63	138229	21.039	ug/l	93
40) Dibromomethane	9.712	93	87800	20.166	ug/l	98
41) Bromodichloromethane	9.888	83	172033	20.289	ug/l	96
42) Vinyl Acetate	6.624	43	1924827m	107.725	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.583	43	236416	19.699	ug/l	99
44) Isopropyl Acetate	8.694	43	372369	20.245	ug/l	99
45) 1,4-Dioxane	9.700	88	69926	414.592	ug/l	99
46) Methyl methacrylate	9.688	41	161826	20.314	ug/l	95
47) n-amyl Acetate	12.500	43	312024	19.388	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	190509	19.518	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	199195	19.309	ug/l #	95
50) 1,1,2-Trichloroethane	11.018	97	130344	20.344	ug/l	96
51) Ethyl methacrylate	10.877	69	208236	19.113	ug/l	86
52) 1,3-Dichloropropane	11.165	76	232687	21.041	ug/l	99
53) Dibromochloromethane	11.365	129	125413	19.980	ug/l	91
54) 1,2-Dibromoethane	11.471	107	118940	19.322	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	402296	94.401	ug/l	98
56) Bromoform	12.576	173	80739	17.849	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	1261196	105.345	ug/l	98
59) 2-Hexanone	11.200	43	976799	106.016	ug/l	97
61) Tetrachloroethene	11.106	164	85165	20.752	ug/l	93
62) Toluene	10.635	91	560896	21.090	ug/l	98
64) Chlorobenzene	11.894	112	318531	21.071	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	117285	20.599	ug/l	98
66) Ethyl Benzene	11.965	91	591029	20.437	ug/l	97
67) m/p-Xylenes	12.076	106	443772	40.846	ug/l	95
68) o-Xylene	12.400	106	223459	20.234	ug/l	100
69) Styrene	12.412	104	352357	19.494	ug/l	97
70) Isopropylbenzene	12.700	105	571045	20.049	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	219655	20.616	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	189468m	21.866	ug/l	
73) Bromobenzene	12.982	156	121721	20.394	ug/l	94
74) n-propylbenzene	13.041	91	654137	19.698	ug/l	97
75) 2-Chlorotoluene	13.129	91	389092	20.028	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	453102	19.576	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	71297	19.171	ug/l	96
78) 4-Chlorotoluene	13.223	91	356469	18.640	ug/l	99
79) tert-butylbenzene	13.441	119	401054	19.479	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	450065	19.325	ug/l	99
81) sec-Butylbenzene	13.618	105	579366	19.580	ug/l	97
82) p-Isopropyltoluene	13.729	119	449840	19.133	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	224249	19.255	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	216305	19.336	ug/l	96
85) n-Butylbenzene	14.059	91	388314	18.711	ug/l	95
86) Hexachloroethane	14.329	117	93438	20.293	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	230240	19.911	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	42176	19.613	ug/l	94
89) 1,2,4-Trichlorobenzene	15.394	180	98338	18.620	ug/l	95
90) Hexachlorobutadiene	15.500	225	49189	19.103	ug/l	97
91) Naphthalene	15.641	128	382745	18.265	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	107072	19.381	ug/l	98

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

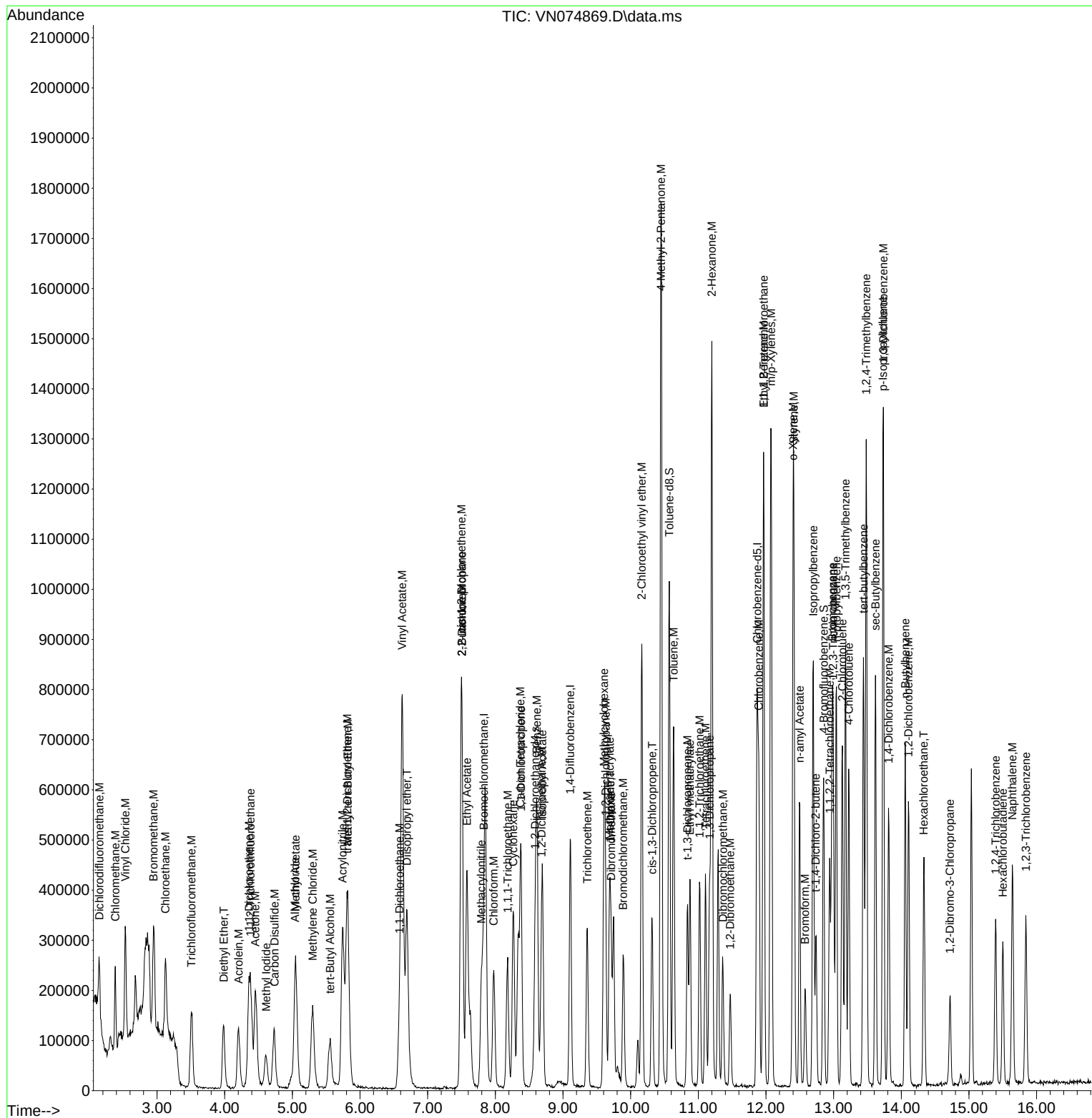
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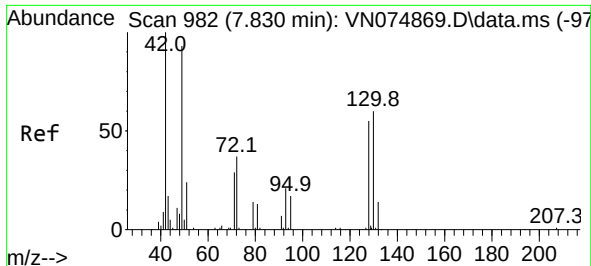
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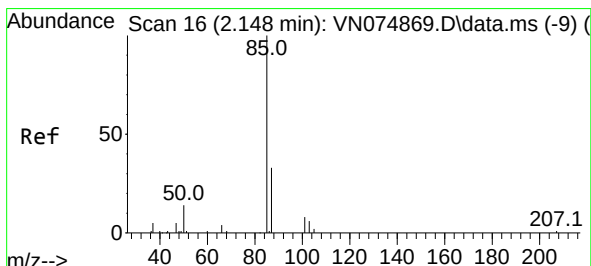
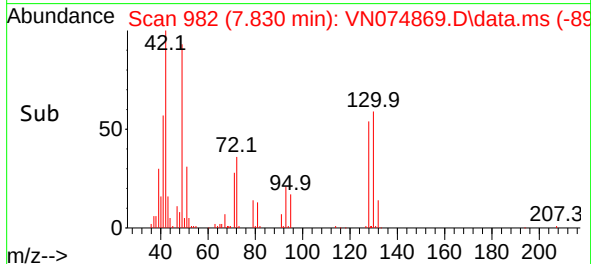
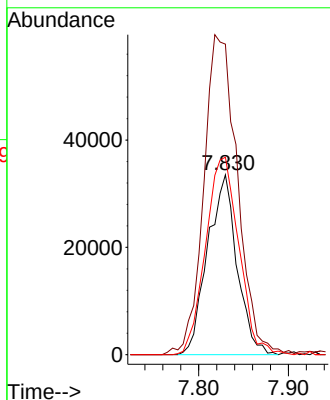
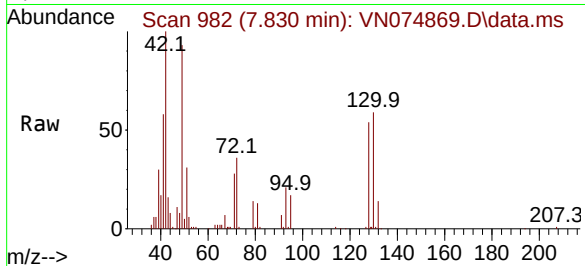
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 982
Delta R.T. -0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020

Tgt Ion: 128 Resp: 7630
Ion Ratio Lower Upper
128 100
49 203.5 0.0 492.0
130 121.8 0.0 313.3

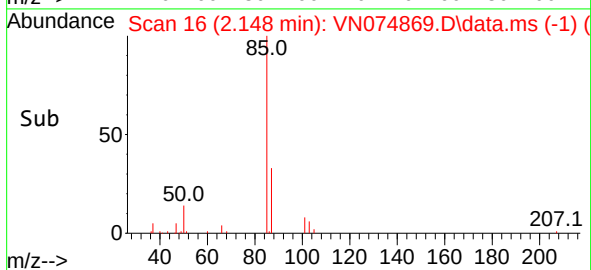
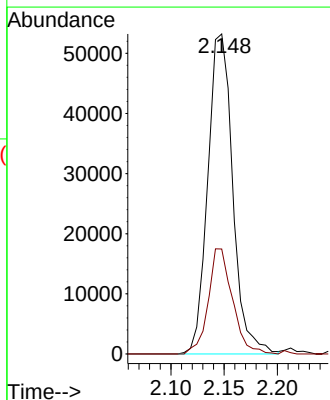
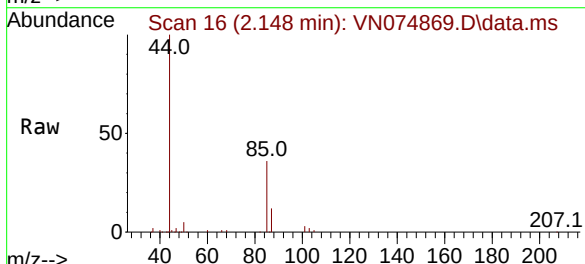
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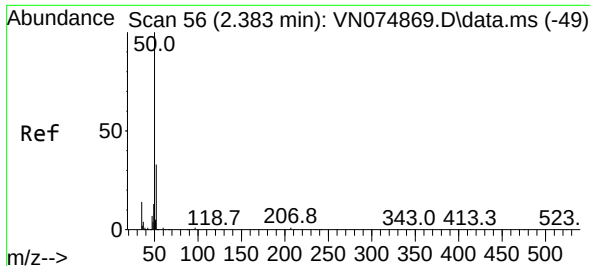
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#2
Dichlorodifluoromethane
Concen: 20.479 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

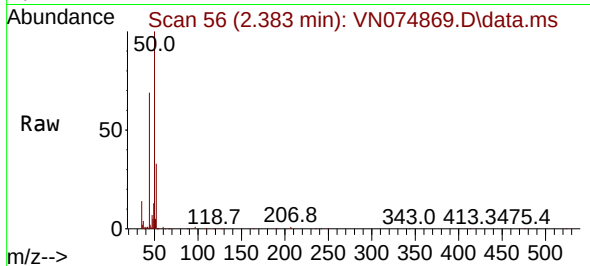
Tgt Ion: 85 Resp: 86775
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 21.116 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

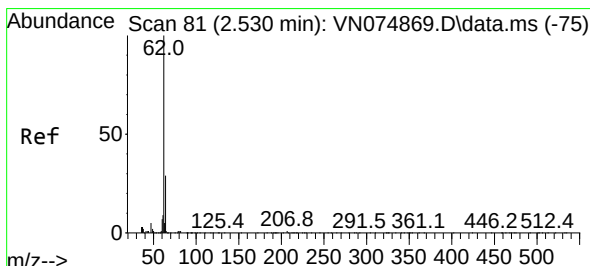
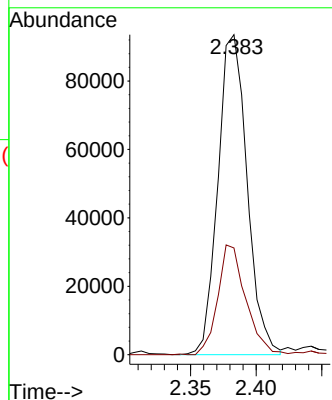
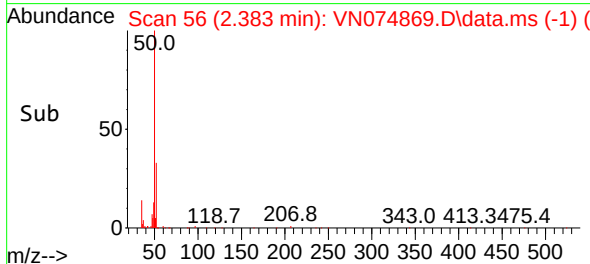
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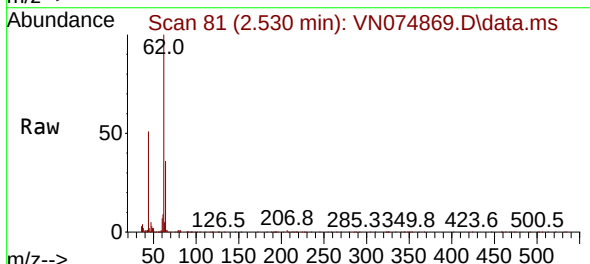
Tgt Ion: 50 Resp: 14470
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

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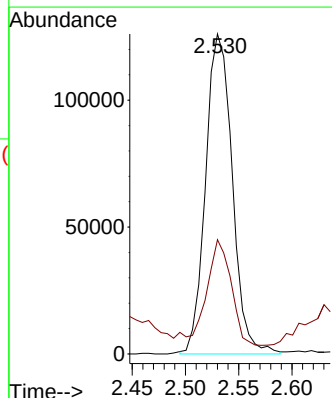
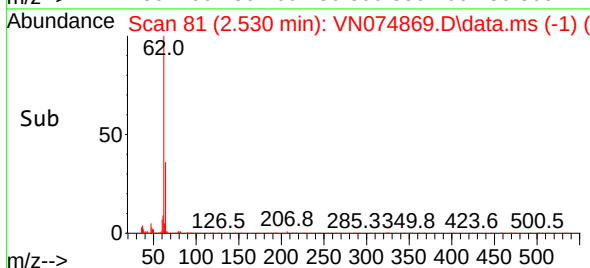
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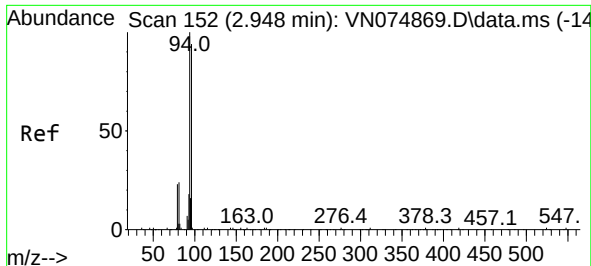


#4
Vinyl Chloride
Concen: 21.787 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02



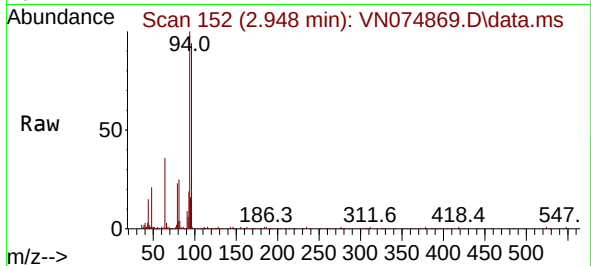
Tgt Ion: 62 Resp: 219850
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4





#5
Bromomethane
Concen: 20.768 ug/l
RT: 2.948 min Scan# 152
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

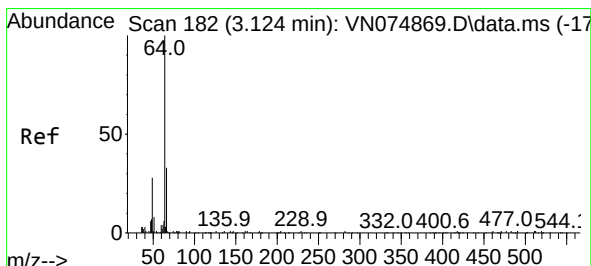
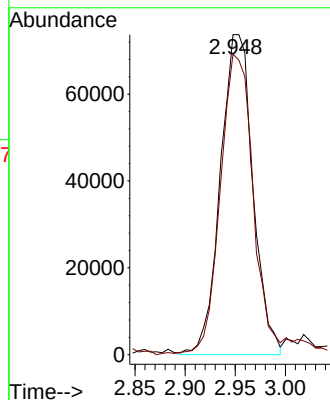
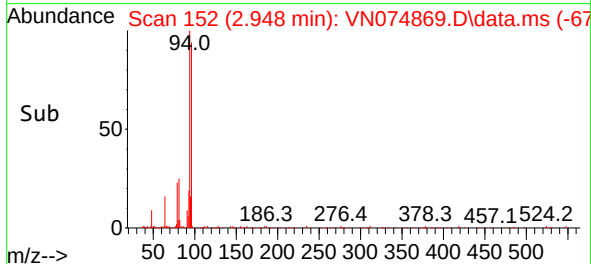
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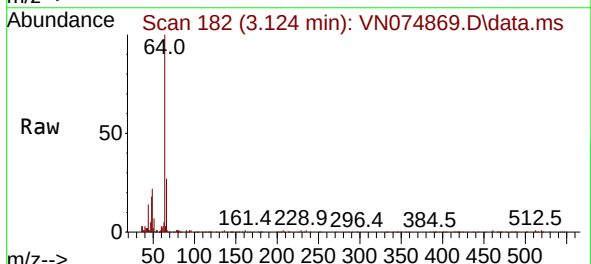
Tgt Ion: 94 Resp: 166162
Ion Ratio Lower Upper
94 100
96 93.7 68.3 102.5

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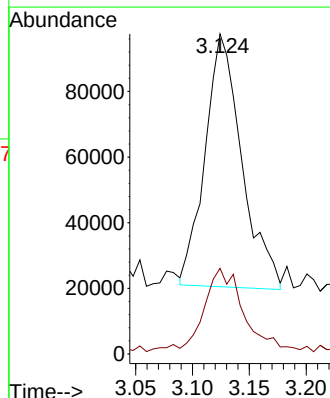
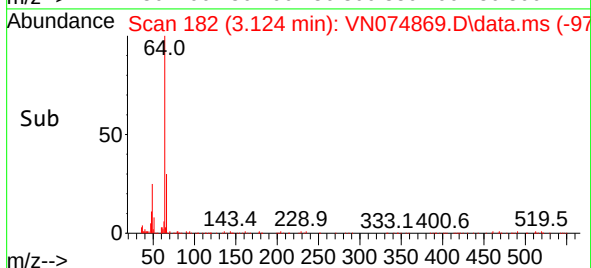
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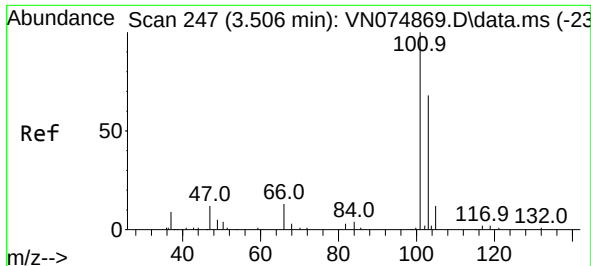


#6
Chloroethane
Concen: 21.567 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN074869.D
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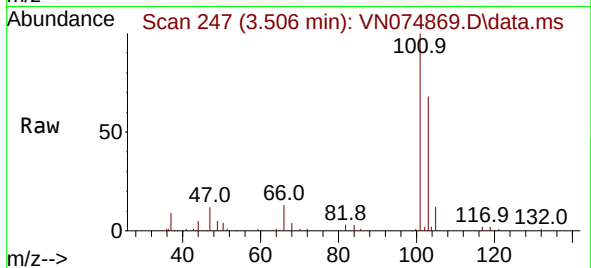
Tgt Ion: 64 Resp: 173419
Ion Ratio Lower Upper
64 100
66 32.1 21.8 32.8





#7
 Trichlorofluoromethane
 Concen: 20.967 ug/l
 RT: 3.506 min Scan# 247
 Delta R.T. 0.000 min
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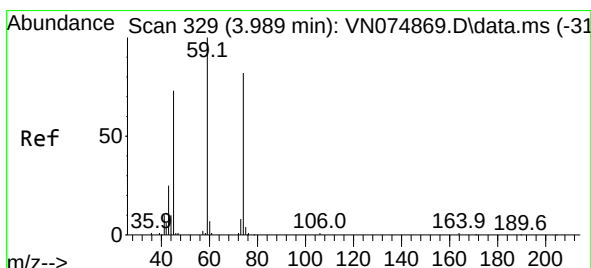
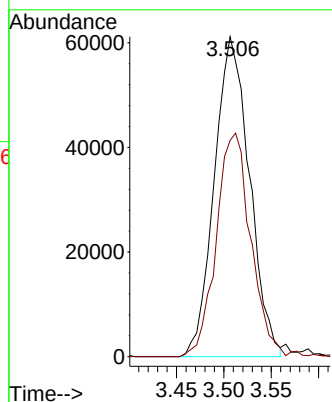
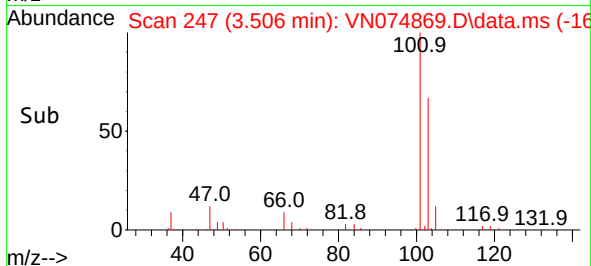
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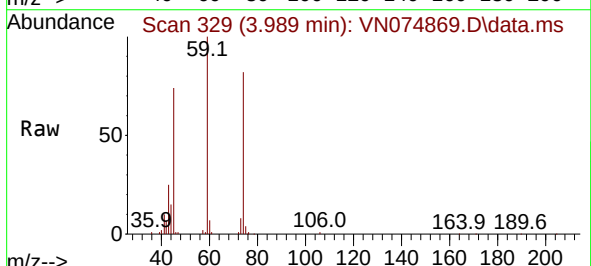
Tgt Ion:101 Resp: 157732
 Ion Ratio Lower Upper
 101 100
 103 67.6 54.8 82.2

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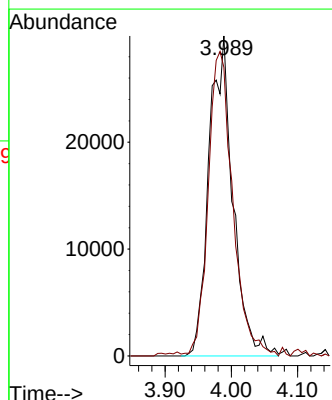
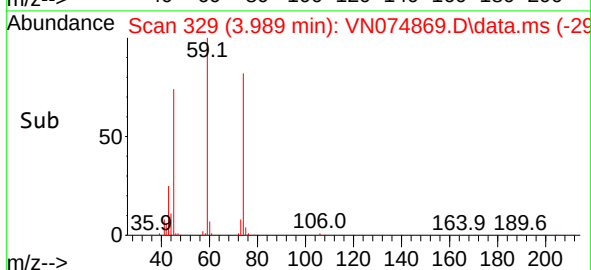
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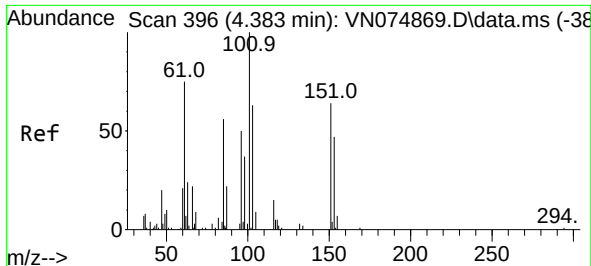


#8
 Diethyl Ether
 Concen: 21.467 ug/l m
 RT: 3.989 min Scan# 329
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 75332
 Ion Ratio Lower Upper
 74 100
 45 0.5 19.0 171.0#





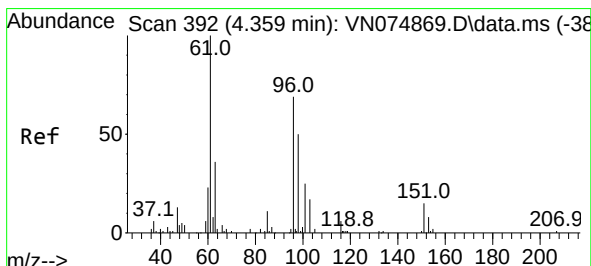
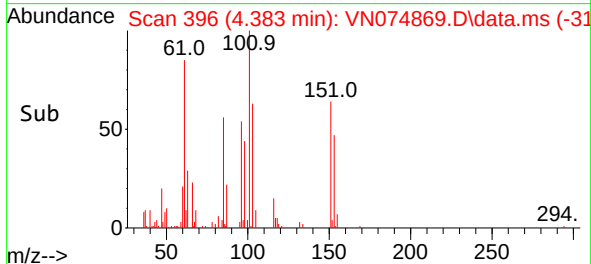
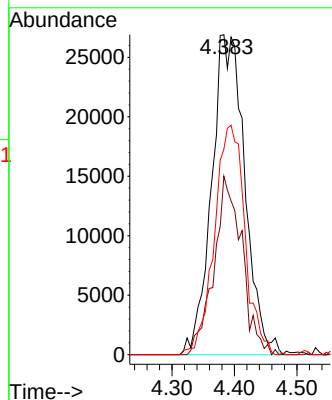
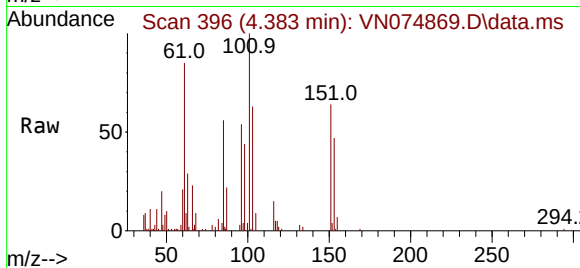
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.029 ug/l m
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074869.D
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Tgt Ion:101 Resp: 9951
Ion Ratio Lower Upper
101 100
85 44.2 0.0 94.6
151 57.7 0.0 144.8

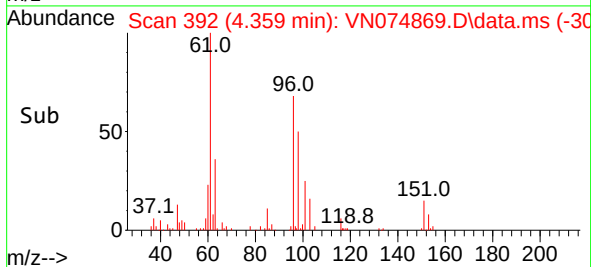
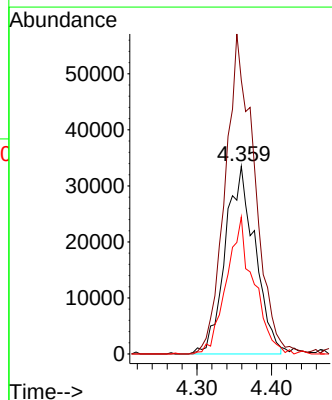
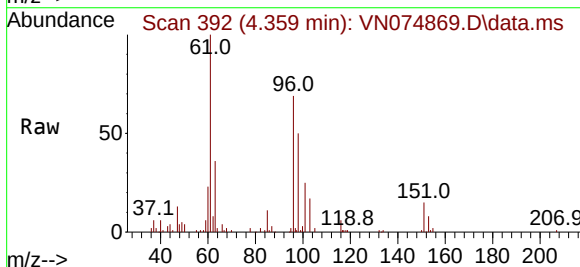
Manual Integrations
APPROVED

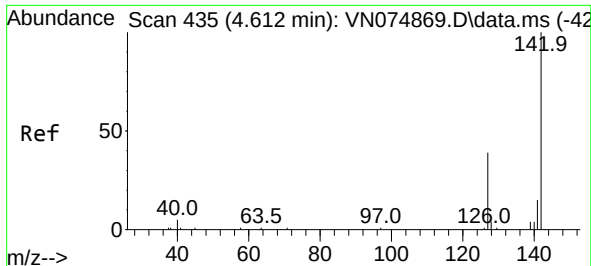
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#10
1,1-Dichloroethene
Concen: 19.884 ug/l m
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

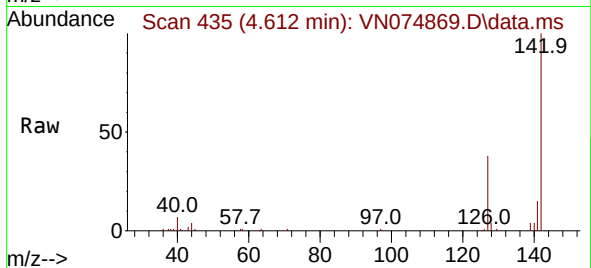
Tgt Ion: 96 Resp: 92875
Ion Ratio Lower Upper
96 100
61 145.8 125.5 188.3
98 73.0 45.0 67.4#





#11
Methyl Iodide
Concen: 20.600 ug/l
RT: 4.612 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

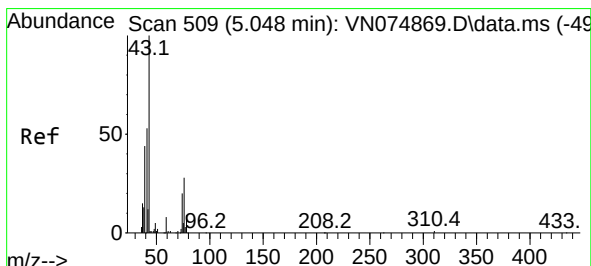
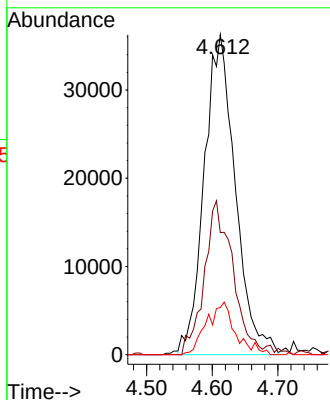
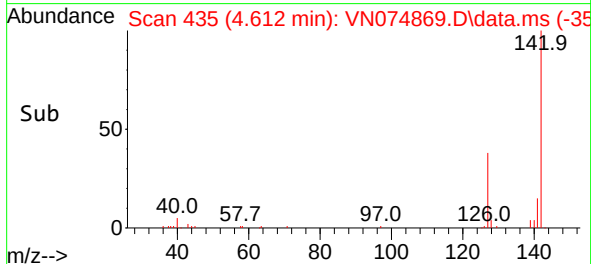
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 119615
Ion Ratio Lower Upper
142 100
127 37.5 19.3 57.8
141 14.9 7.7 23.1

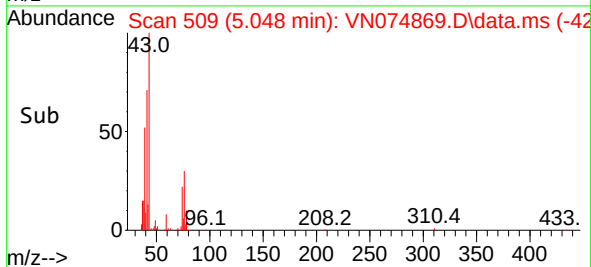
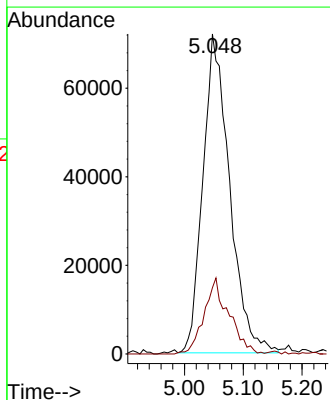
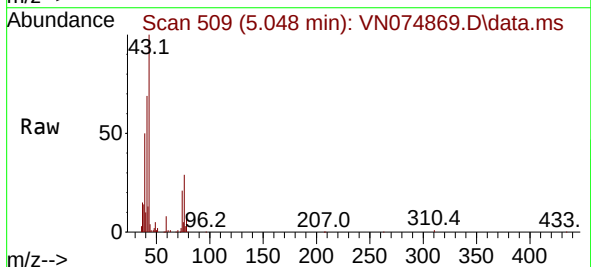
Manual Integrations
APPROVED

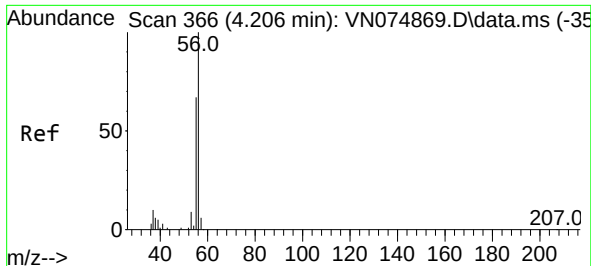
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
Methyl Acetate
Concen: 20.276 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

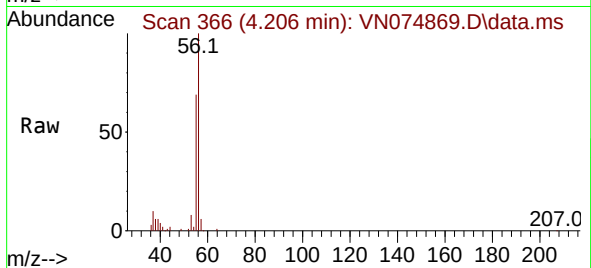
Tgt Ion: 43 Resp: 227578
Ion Ratio Lower Upper
43 100
74 20.4 19.0 28.6





#13
Acrolein
Concen: 99.110 ug/l
RT: 4.206 min Scan# 366
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

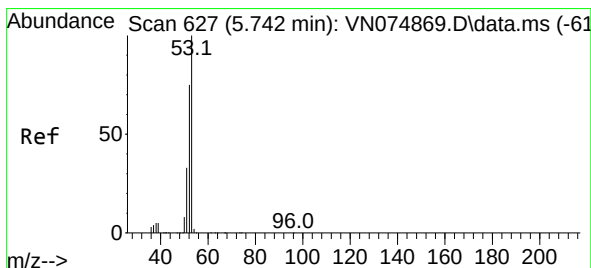
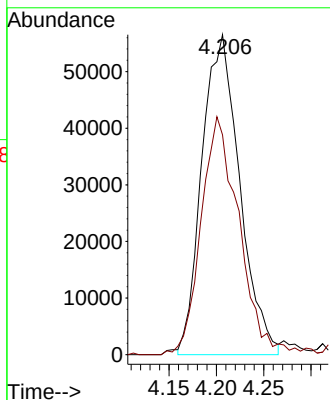
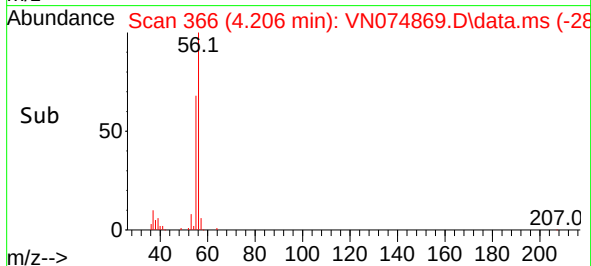
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 157174
Ion Ratio Lower Upper
56 100
55 73.0 56.2 84.2

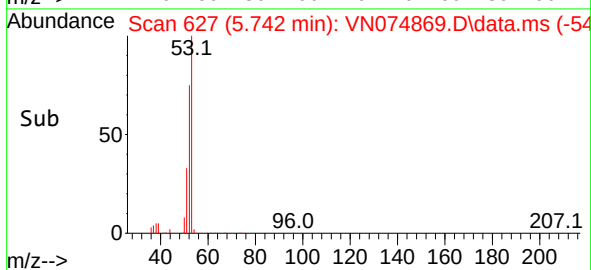
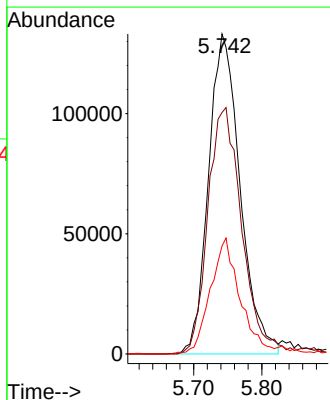
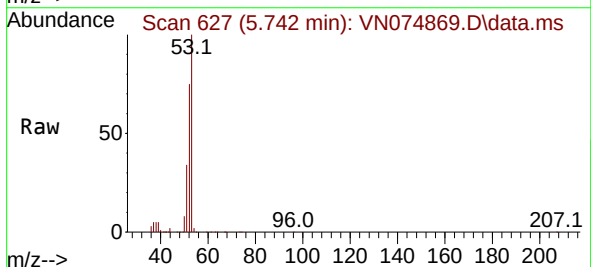
Manual Integrations
APPROVED

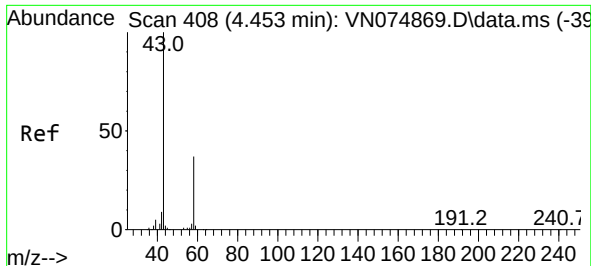
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#14
Acrylonitrile
Concen: 102.643 ug/l
RT: 5.742 min Scan# 627
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

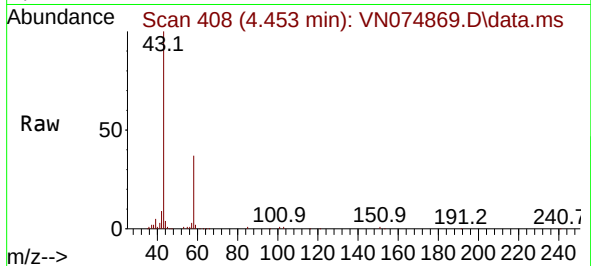
Tgt Ion: 53 Resp: 429675
Ion Ratio Lower Upper
53 100
52 80.2 40.8 122.4
51 33.7 17.0 51.0





#15
Acetone
Concen: 102.557 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

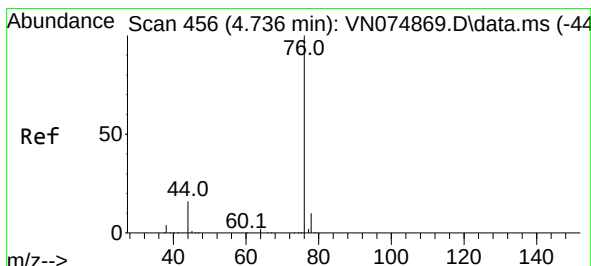
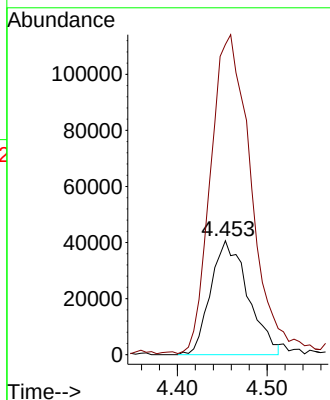
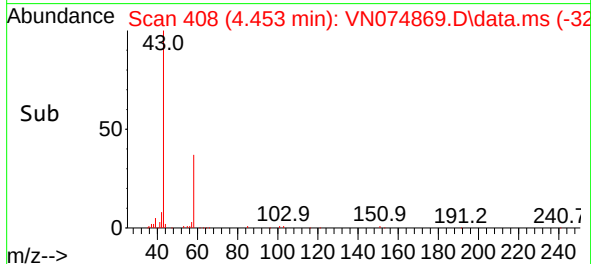
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



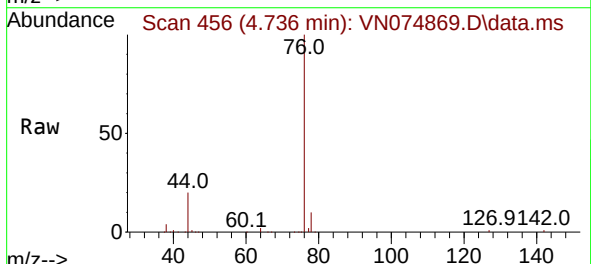
Tgt Ion: 58 Resp: 117830
Ion Ratio Lower Upper
58 100
43 271.2 232.2 348.4

Manual Integrations
APPROVED

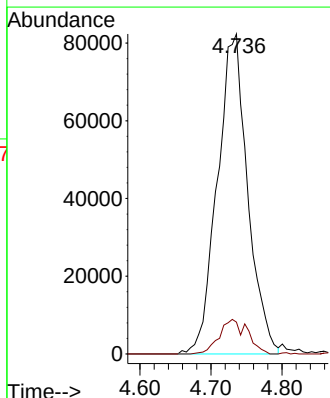
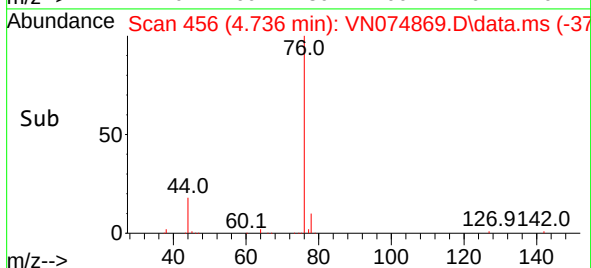
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

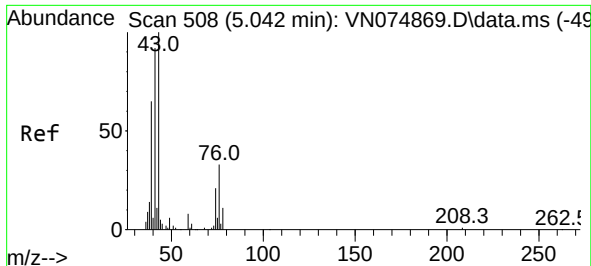


#16
Carbon Disulfide
Concen: 20.419 ug/l
RT: 4.736 min Scan# 456
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02



Tgt Ion: 76 Resp: 244121
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8





#17

Allyl chloride

Concen: 21.795 ug/l m

RT: 5.042 min Scan# 508

Delta R.T. 0.000 min

Lab File: VN074869.D

Acq: 12 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 41 Resp: 206638

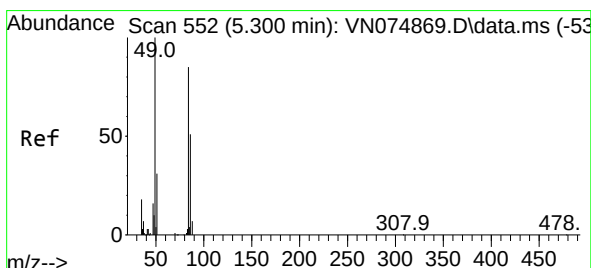
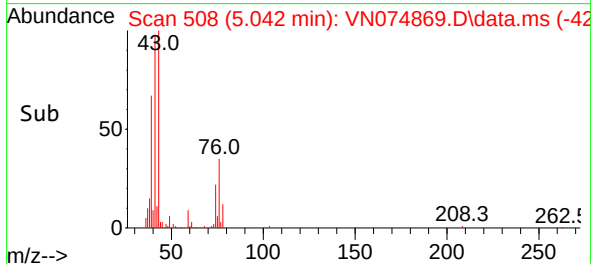
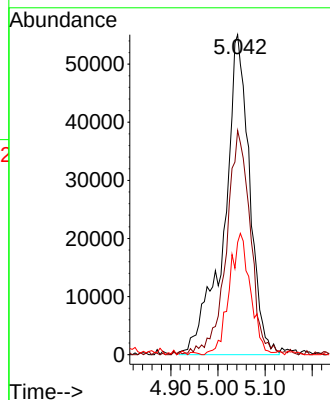
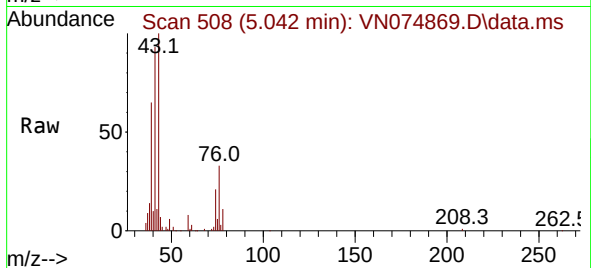
Ion	Ratio	Lower	Upper
41	100		
39	70.0	39.1	117.5
76	35.1	19.8	59.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#18

Methylene Chloride

Concen: 20.921 ug/l m

RT: 5.300 min Scan# 552

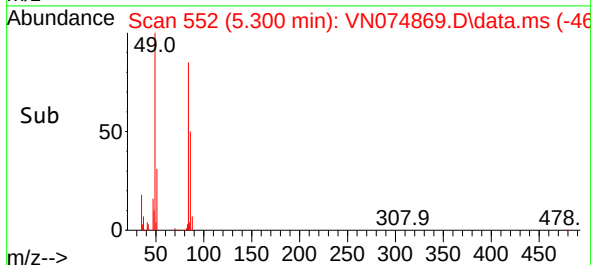
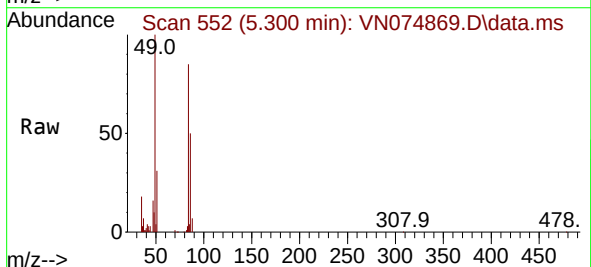
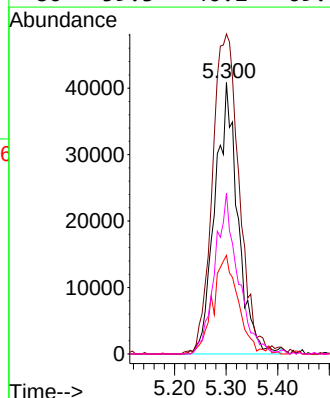
Delta R.T. 0.000 min

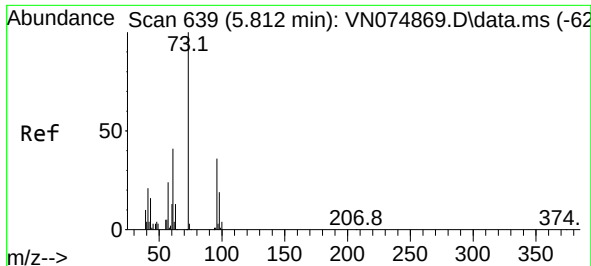
Lab File: VN074869.D

Acq: 12 Oct 2022 11:02

Tgt Ion: 84 Resp: 126205

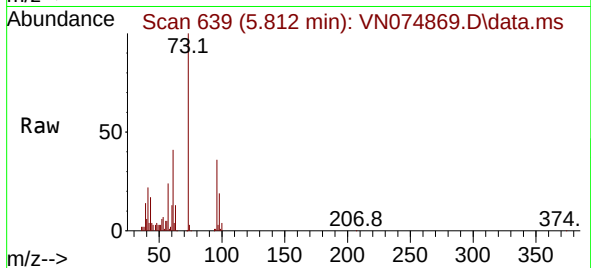
Ion	Ratio	Lower	Upper
84	100		
49	117.9	99.6	149.4
51	36.3	28.2	42.2
86	59.3	46.2	69.4





#19
trans-1,2-Dichloroethene
Concen: 19.803 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

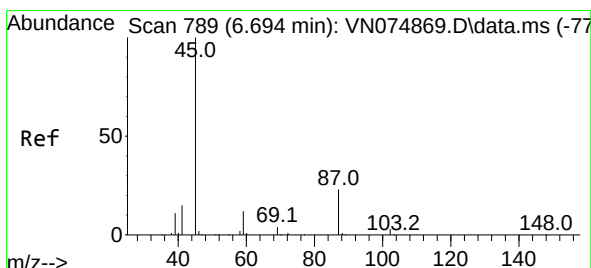
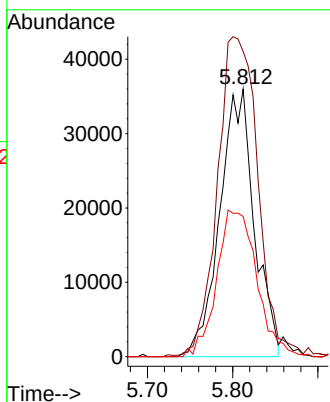
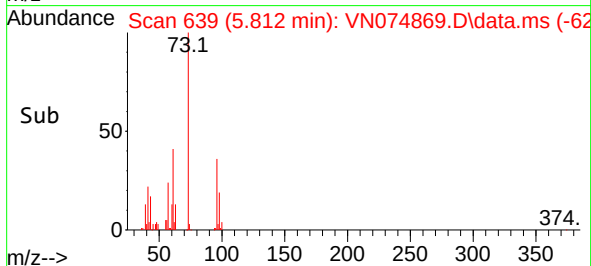
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 101229
Ion Ratio Lower Upper
96 100
61 113.5 110.2 165.4
98 52.4 50.0 75.0

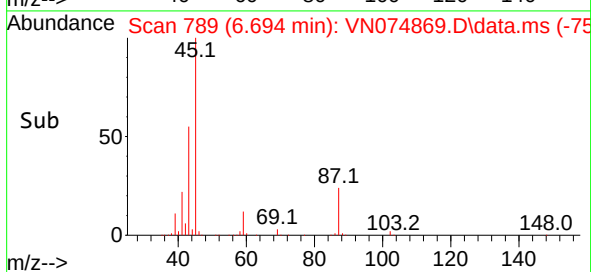
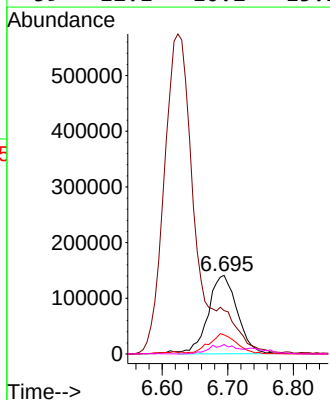
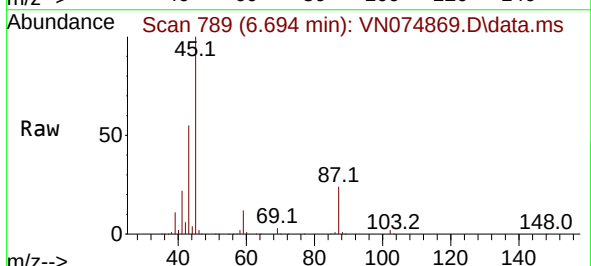
Manual Integrations
APPROVED

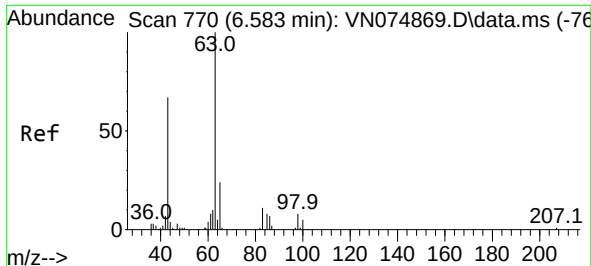
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Diisopropyl ether
Concen: 19.931 ug/l
RT: 6.694 min Scan# 789
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

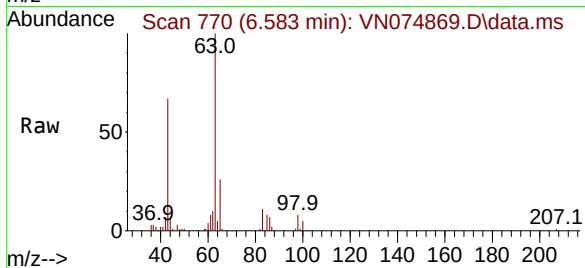
Tgt Ion: 45 Resp: 431365
Ion Ratio Lower Upper
45 100
43 53.3 47.3 70.9
87 23.9 21.8 32.8
59 12.1 10.2 15.2





#21
1,1-Dichloroethane
Concen: 20.611 ug/l
RT: 6.583 min Scan# 770
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

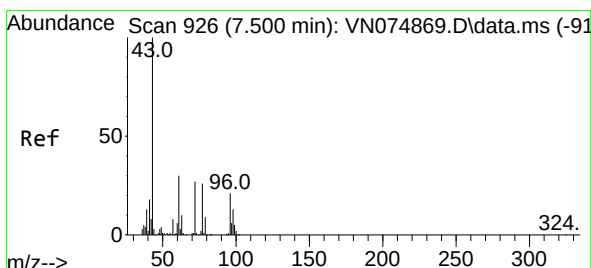
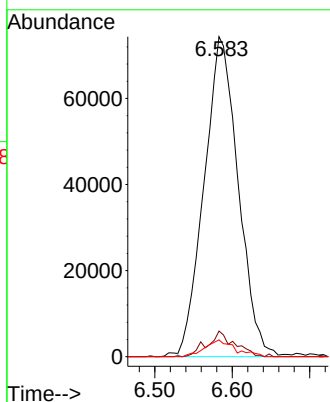
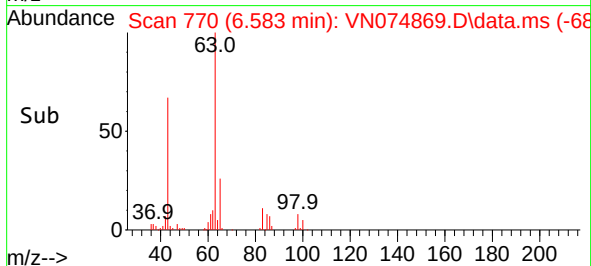
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 22687
Ion Ratio Lower Upper
63 100
98 8.0 3.3 9.9
100 5.3 2.2 6.6

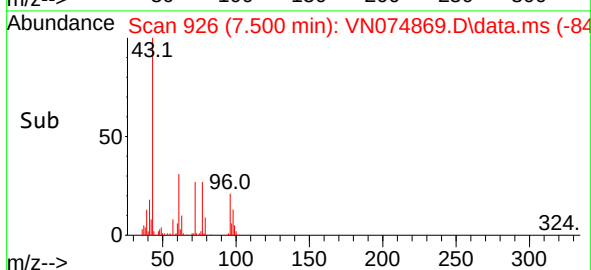
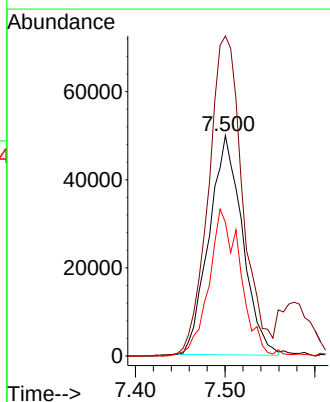
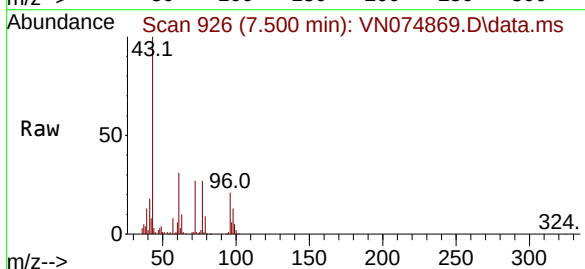
Manual Integrations
APPROVED

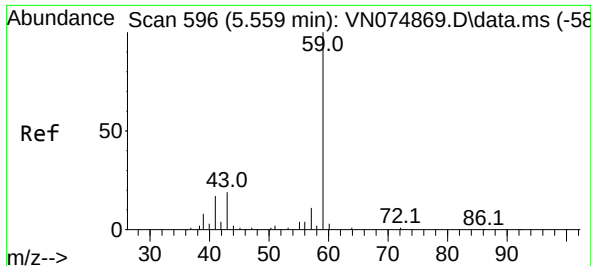
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#22
cis-1,2-Dichloroethene
Concen: 20.059 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

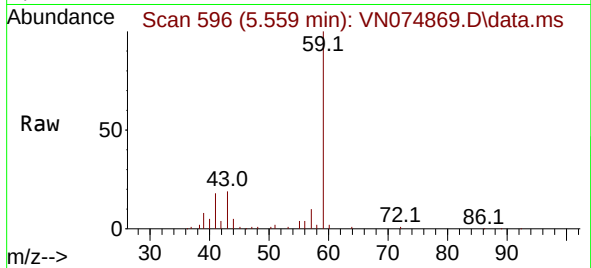
Tgt Ion: 96 Resp: 128398
Ion Ratio Lower Upper
96 100
61 149.6 118.8 178.2
98 42.7 52.1 78.1#





#23
tert-Butyl Alcohol
Concen: 101.426 ug/l
RT: 5.559 min Scan# 596
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

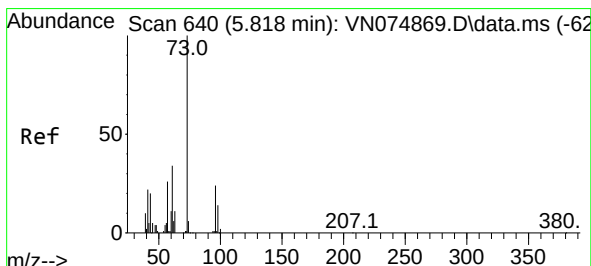
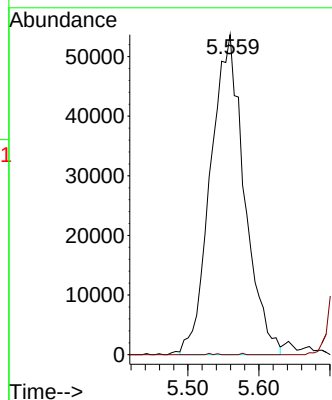
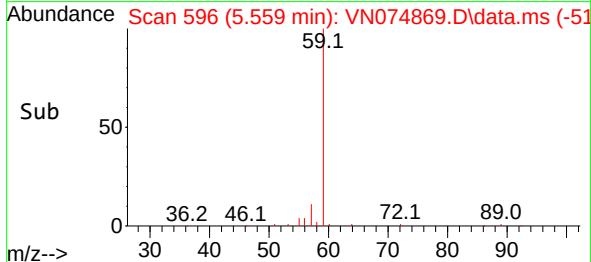
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 59 Resp: 177982
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

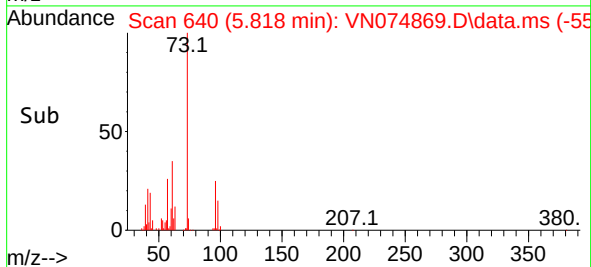
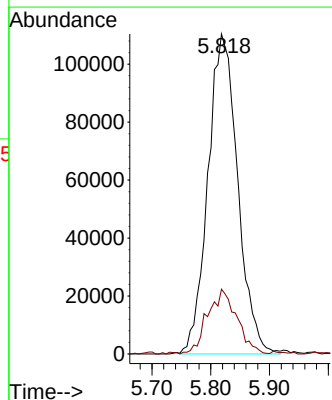
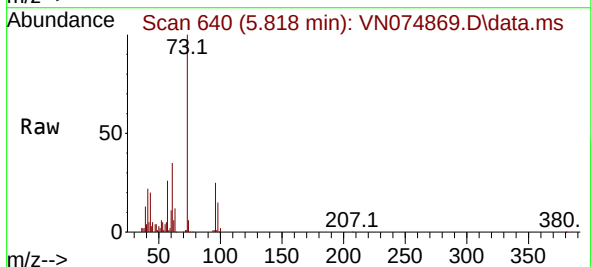
Manual Integrations
APPROVED

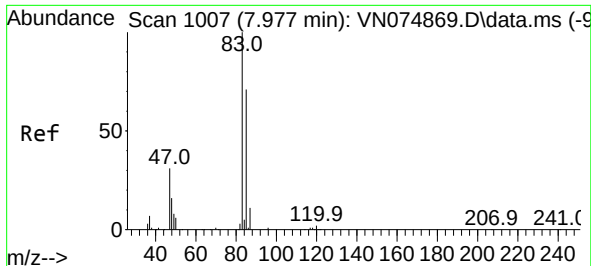
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#24
Methyl tert-Butyl Ether
Concen: 19.987 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

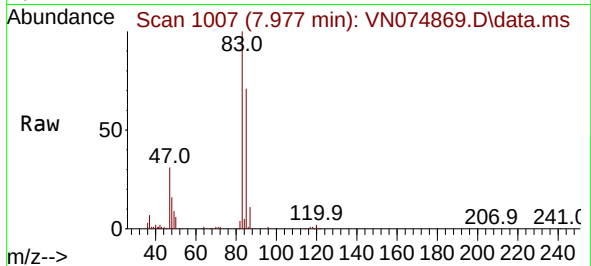
Tgt Ion: 73 Resp: 388710
Ion Ratio Lower Upper
73 100
43 11.4 15.6 23.4





#25
Chloroform
Concen: 19.337 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

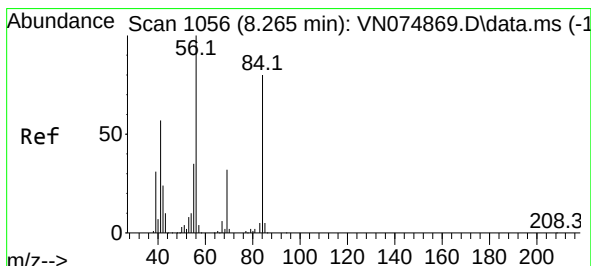
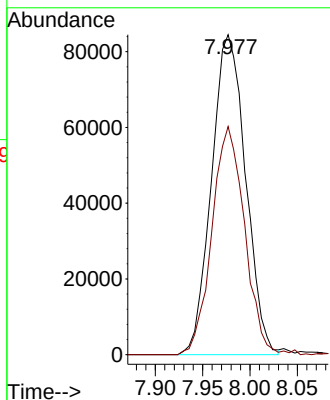
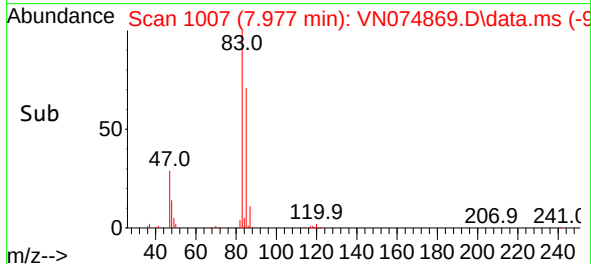
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



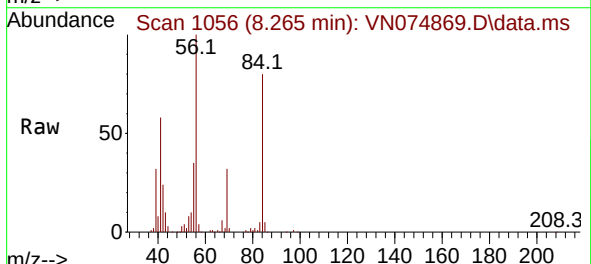
Tgt Ion: 83 Resp: 211435
Ion Ratio Lower Upper
83 100
85 71.3 53.6 80.4

Manual Integrations
APPROVED

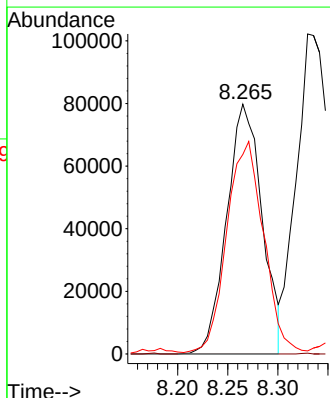
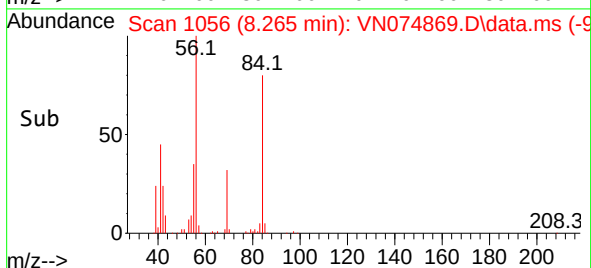
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

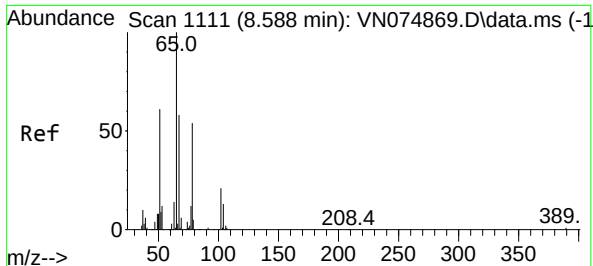


#26
Cyclohexane
Concen: 20.234 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02



Tgt Ion: 56 Resp: 195704
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.2 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 28.834 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN074869.D

Acq: 12 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 65 Resp: 205980

Ion Ratio Lower Upper

65 100

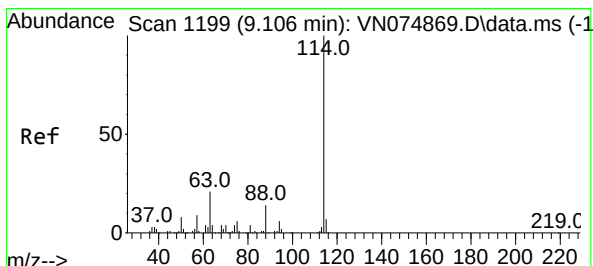
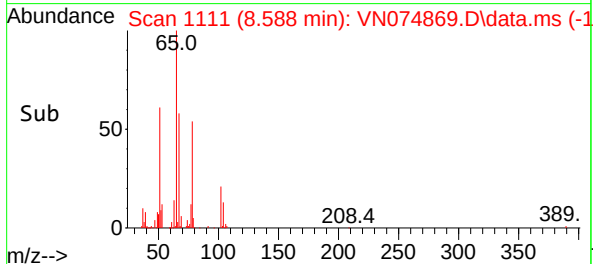
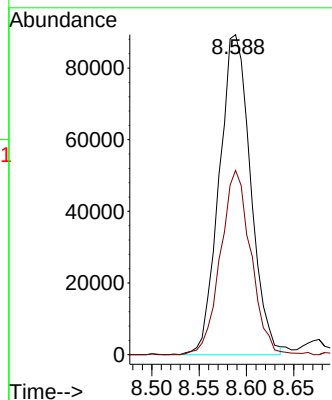
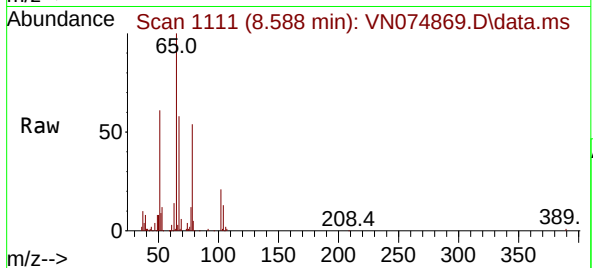
67 55.9 45.2 67.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074869.D

Acq: 12 Oct 2022 11:02

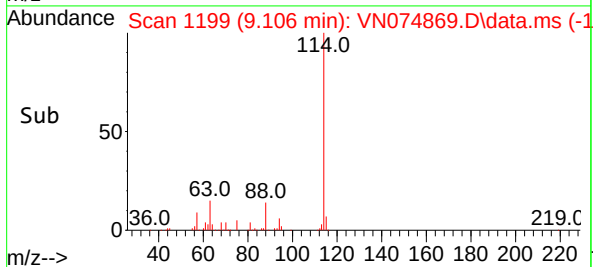
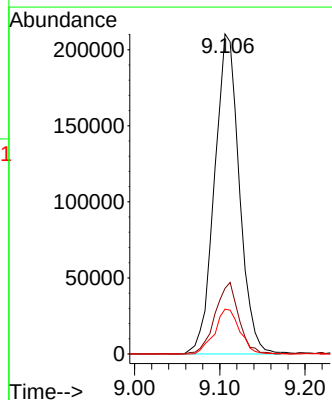
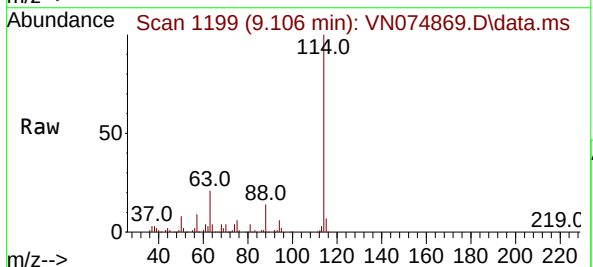
Tgt Ion:114 Resp: 424945

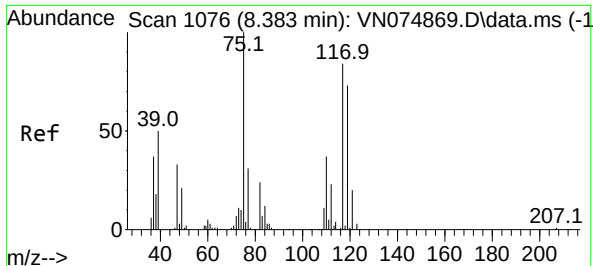
Ion Ratio Lower Upper

114 100

63 21.3 16.6 25.0

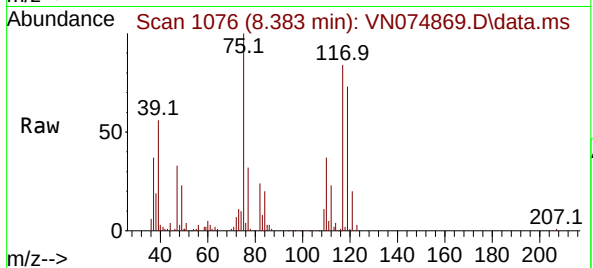
88 14.1 12.2 18.4





#29
1,1-Dichloropropene
Concen: 19.803 ug/l
RT: 8.383 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

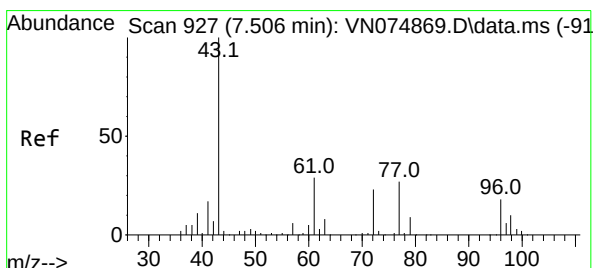
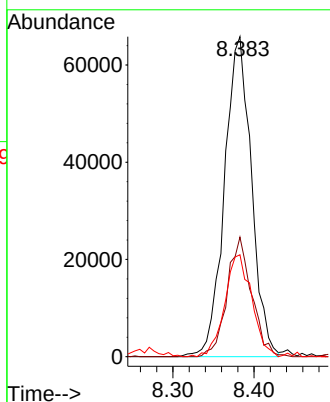
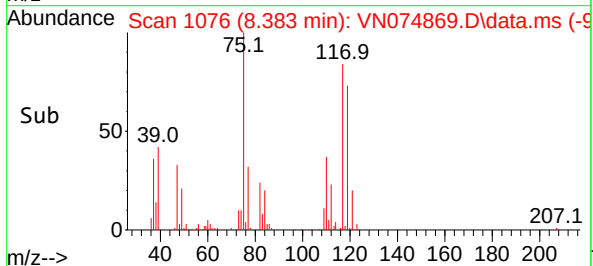
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 151835
Ion Ratio Lower Upper
75 100
110 34.2 0.0 72.2
77 31.9 0.0 64.0

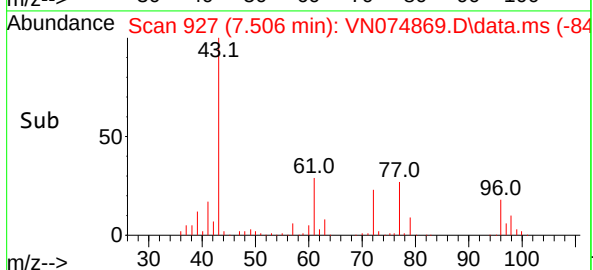
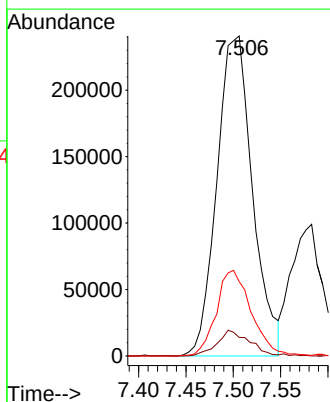
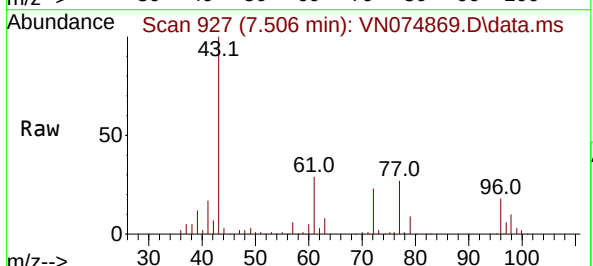
Manual Integrations
APPROVED

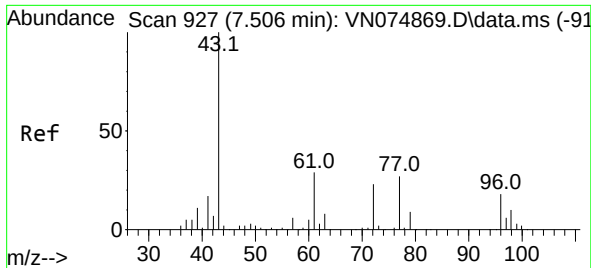
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#30
2-Butanone
Concen: 103.305 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

Tgt Ion: 43 Resp: 631983
Ion Ratio Lower Upper
43 100
57 7.2 6.3 9.5
72 26.2 21.0 31.4





#31

2,2-Dichloropropane

Concen: 19.931 ug/l

RT: 7.506 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074869.D

Acq: 12 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 186852

Ion Ratio Lower Upper

77 100

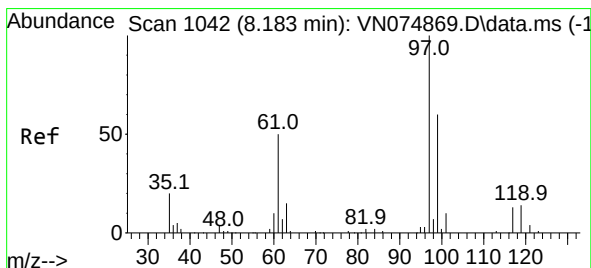
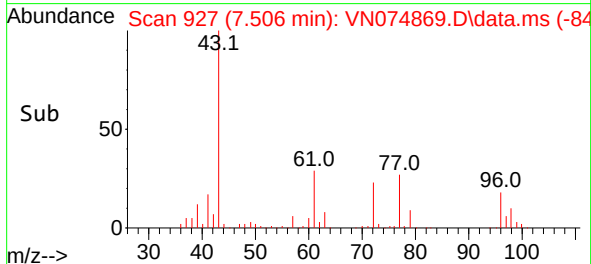
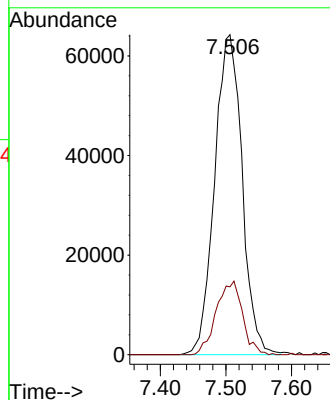
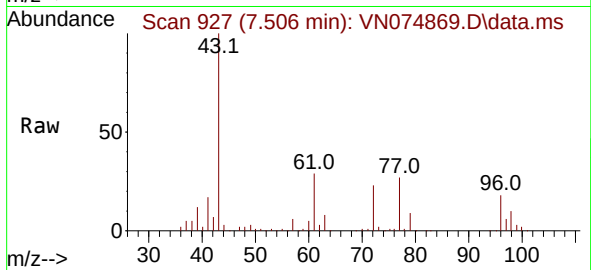
97 21.1 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#32

1,1,1-Trichloroethane

Concen: 20.301 ug/l

RT: 8.183 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VN074869.D

Acq: 12 Oct 2022 11:02

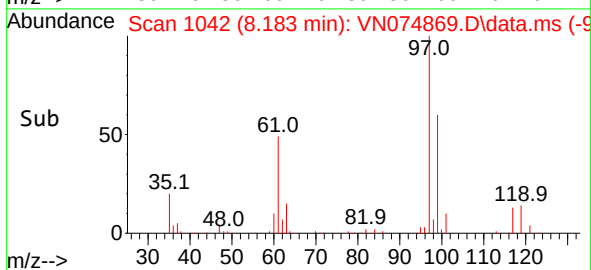
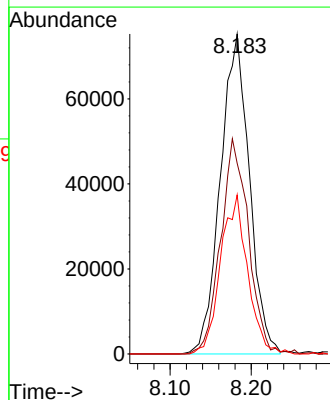
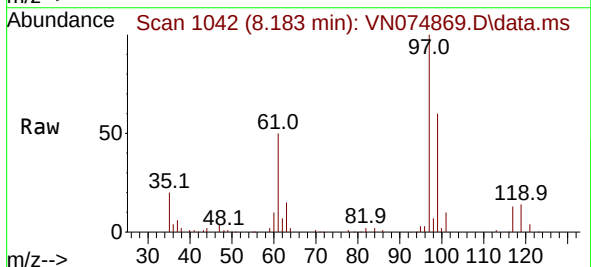
Tgt Ion: 97 Resp: 186664

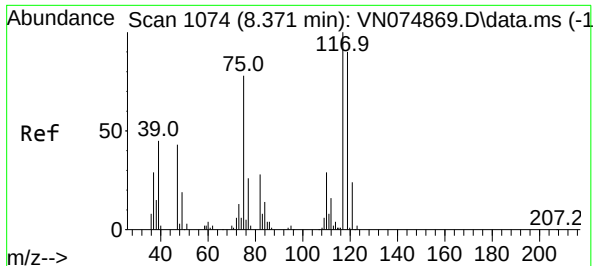
Ion Ratio Lower Upper

97 100

99 64.5 50.0 75.0

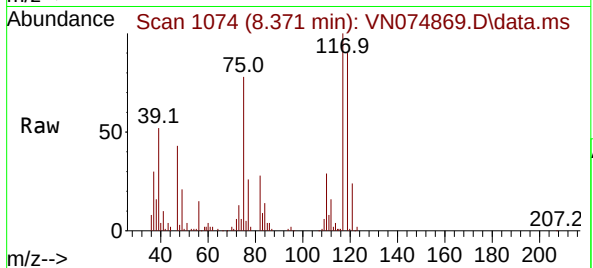
61 46.0 36.1 54.1





#33
Carbon Tetrachloride
Concen: 20.842 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

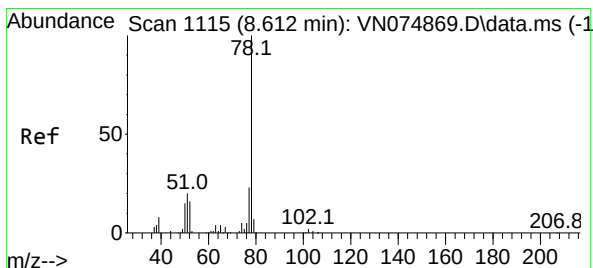
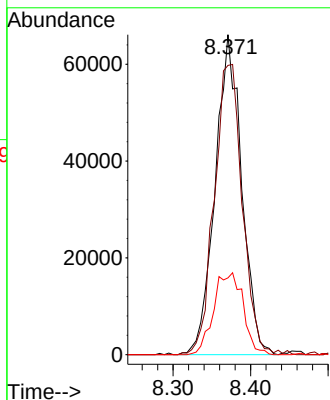
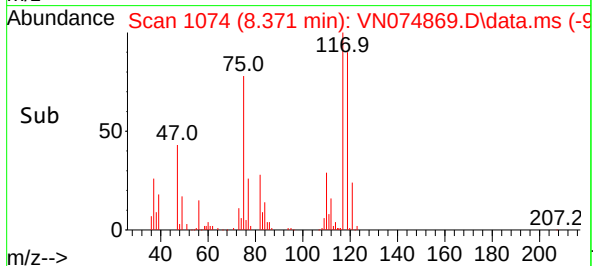
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



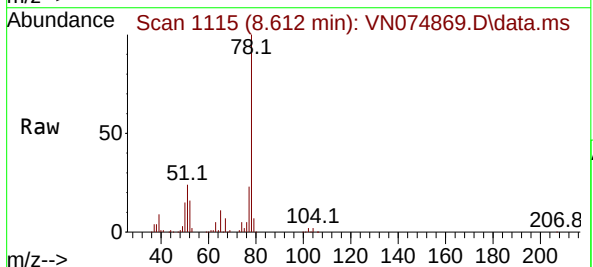
Tgt Ion: 117 Resp: 15763
Ion Ratio Lower Upper
117 100
119 90.4 77.8 116.6
121 24.0 27.6 41.4

Manual Integrations
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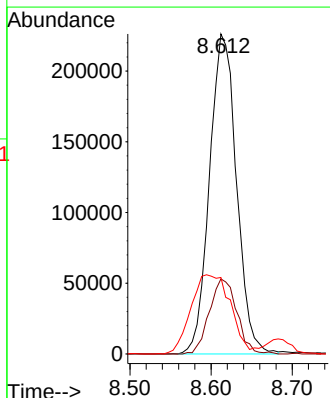
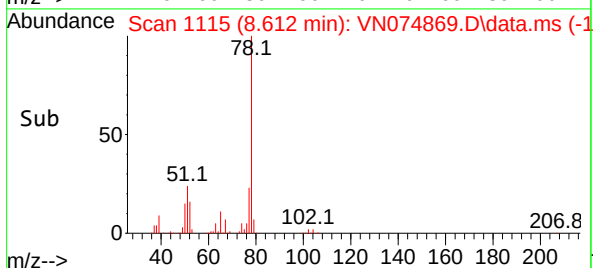
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

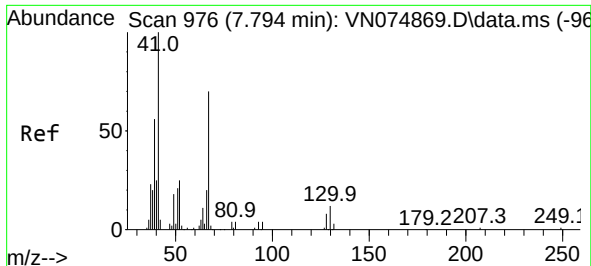


#34
Benzene
Concen: 20.633 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02



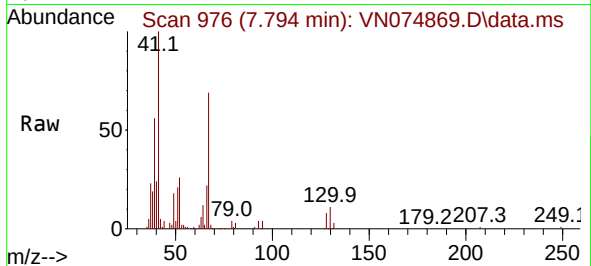
Tgt Ion: 78 Resp: 522924
Ion Ratio Lower Upper
78 100
77 23.4 19.9 29.9
51 20.5 21.1 31.7





#35
Methacrylonitrile
Concen: 20.848 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

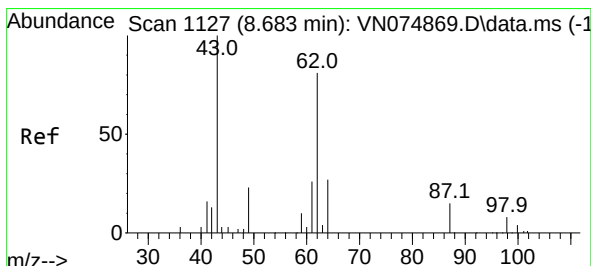
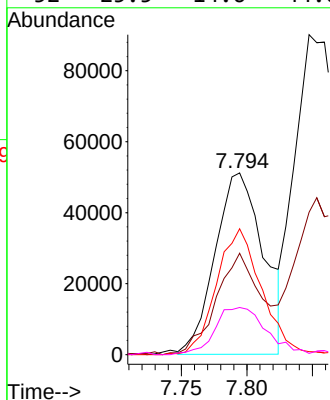
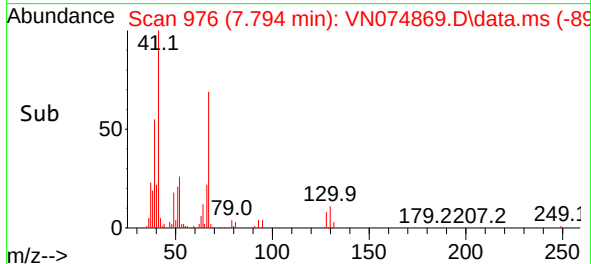
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 131082
Ion Ratio Lower Upper
41 100
39 55.8 27.7 83.1
67 69.9 38.0 113.9
52 25.5 14.6 44.0

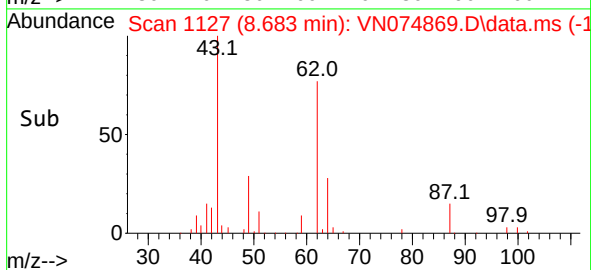
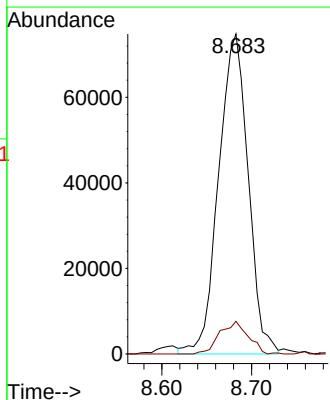
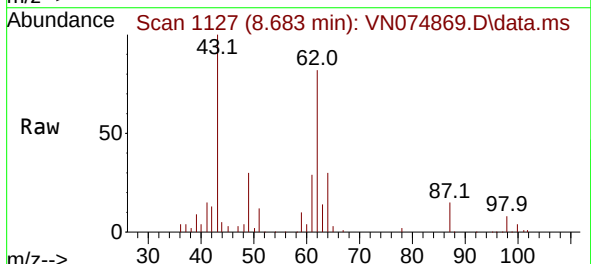
Manual Integrations
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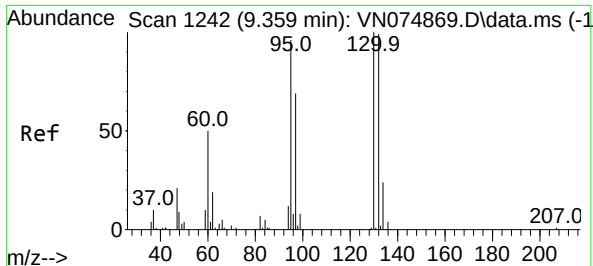
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#36
1,2-Dichloroethane
Concen: 20.240 ug/l
RT: 8.683 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

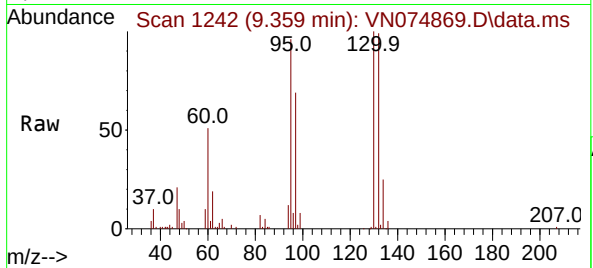
Tgt Ion: 62 Resp: 170827
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.2





#37
Trichloroethene
Concen: 20.147 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

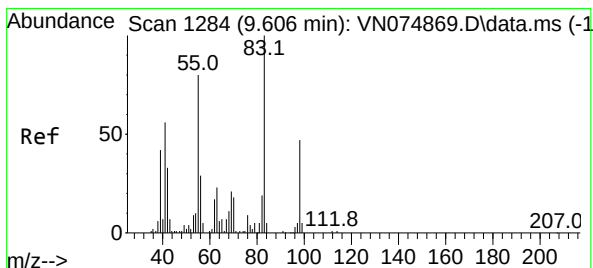
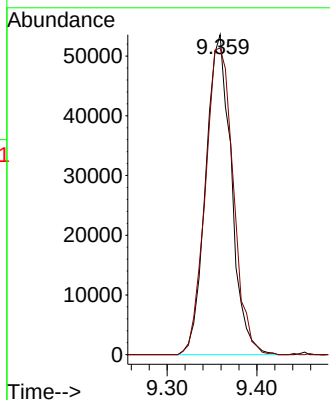
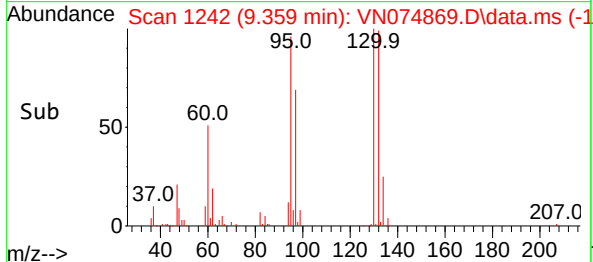
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



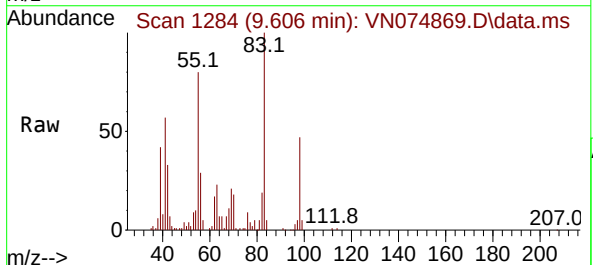
Tgt Ion:130 Resp: 10619
Ion Ratio Lower Upper
130 100
95 95.9 75.9 113.9

Manual Integrations
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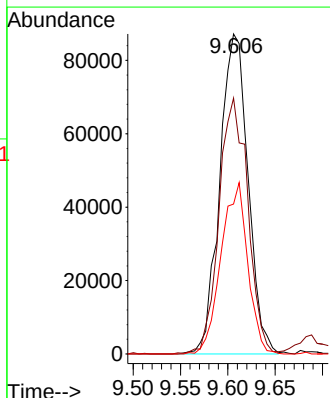
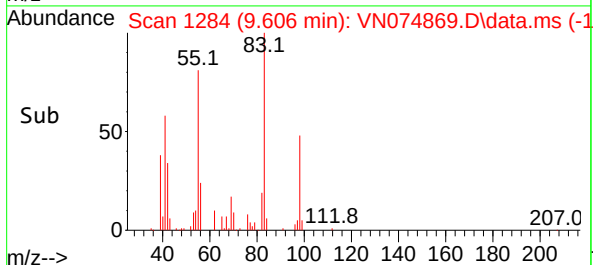
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

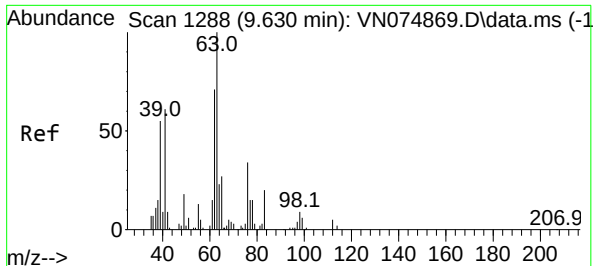


#38
Methylcyclohexane
Concen: 19.445 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02



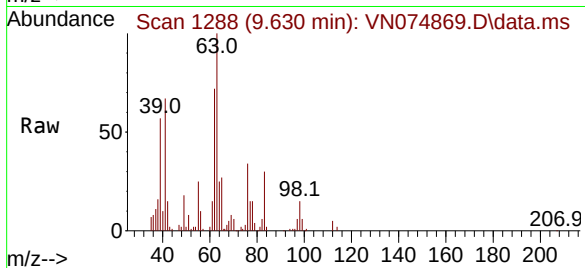
Tgt Ion: 83 Resp: 181123
Ion Ratio Lower Upper
83 100
55 80.5 37.4 112.2
98 50.4 24.5 73.5





#39
1,2-Dichloropropane
Concen: 21.039 ug/l
RT: 9.630 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

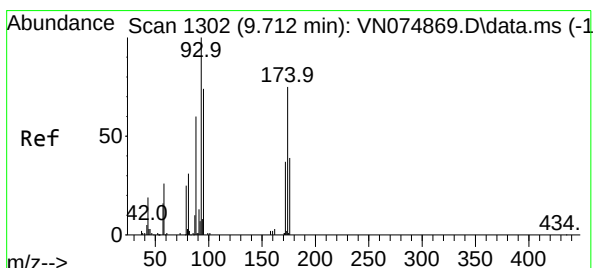
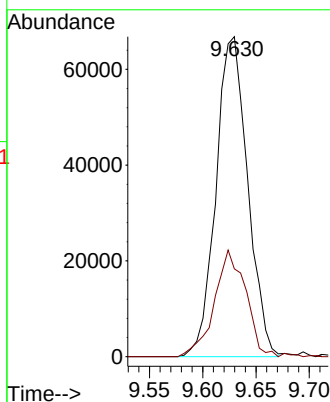
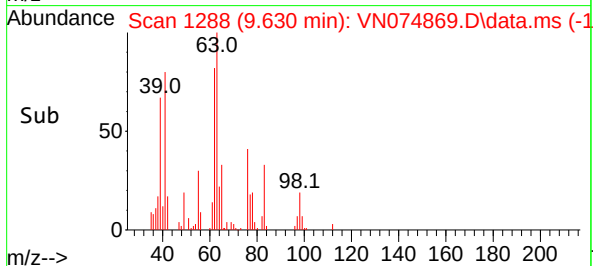
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 138229
Ion Ratio Lower Upper
63 100
65 27.5 25.0 37.6

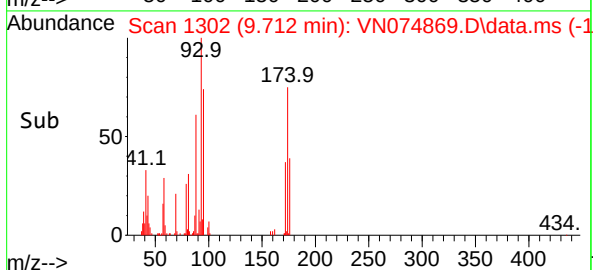
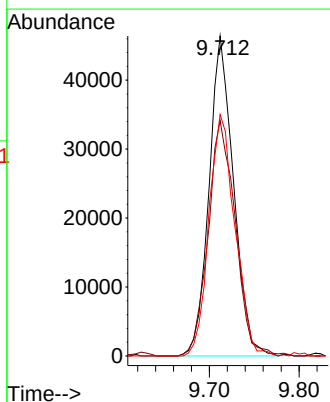
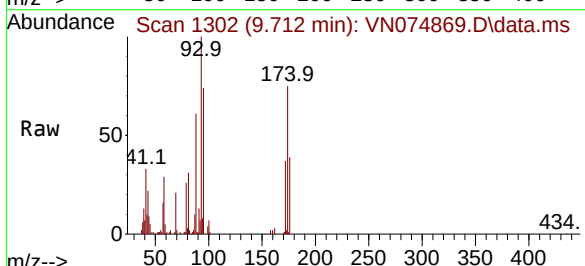
Manual Integrations
APPROVED

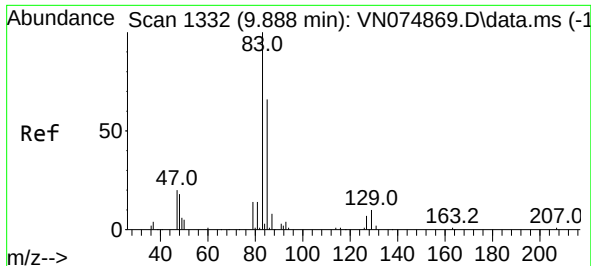
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#40
Dibromomethane
Concen: 20.166 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

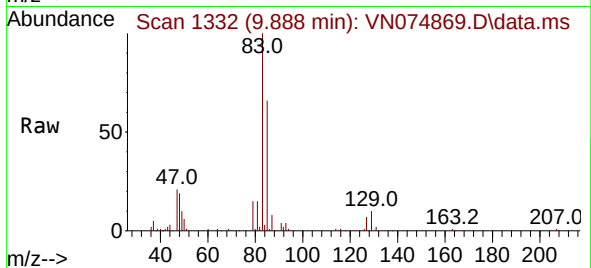
Tgt Ion: 93 Resp: 87800
Ion Ratio Lower Upper
93 100
95 81.5 0.0 168.0
174 79.9 0.0 158.4





#41
Bromodichloromethane
Concen: 20.289 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

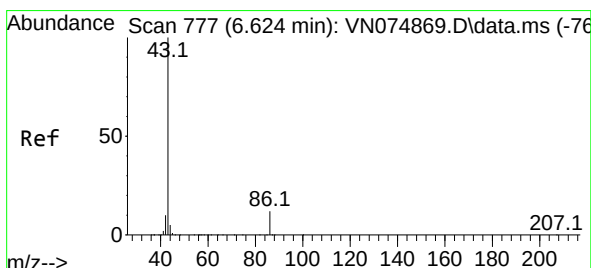
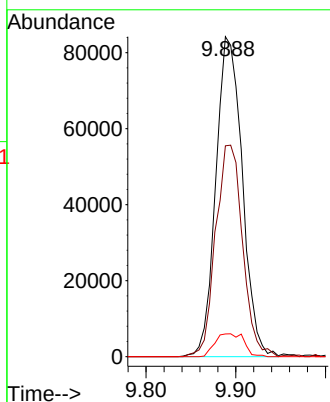
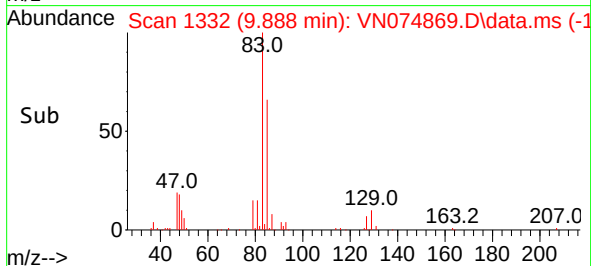
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 17203
Ion Ratio Lower Upper
83 100
85 65.9 50.2 75.4
127 7.1 5.1 7.7

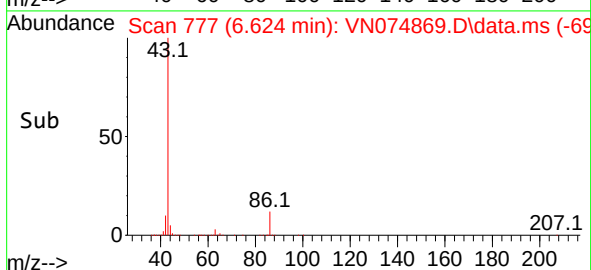
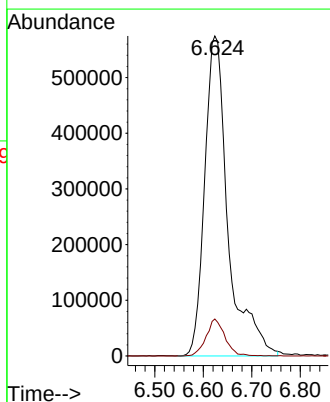
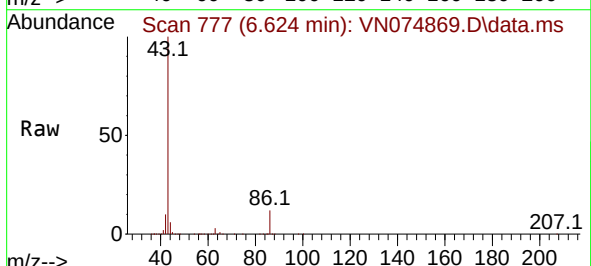
Manual Integrations
APPROVED

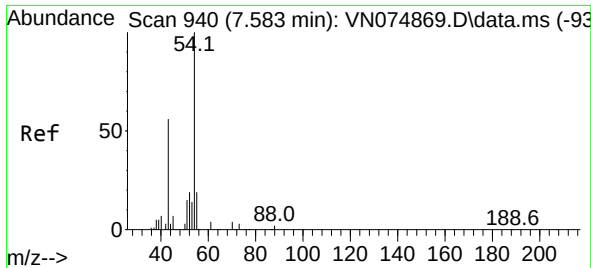
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#42
Vinyl Acetate
Concen: 107.725 ug/l m
RT: 6.624 min Scan# 777
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

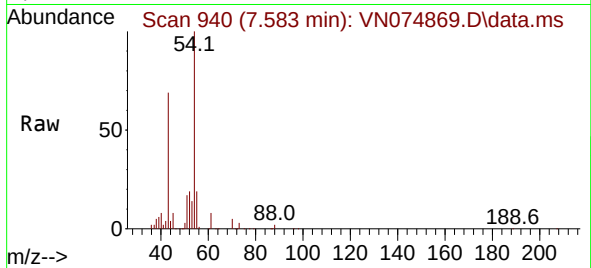
Tgt Ion: 43 Resp: 1924827
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43
Ethyl Acetate
Concen: 19.699 ug/l
RT: 7.583 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

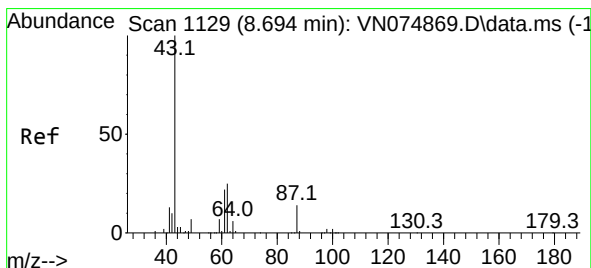
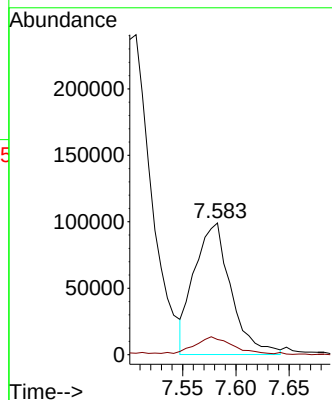
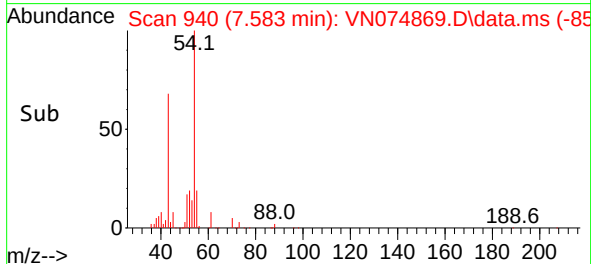
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 236410
Ion Ratio Lower Upper
43 100
45 14.2 11.5 17.3

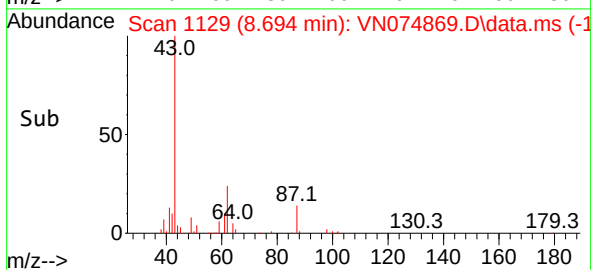
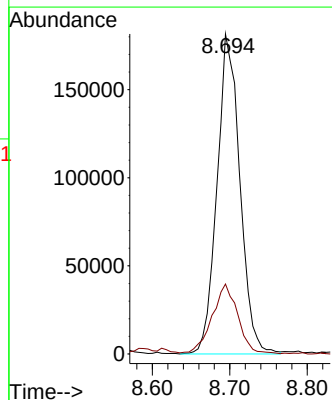
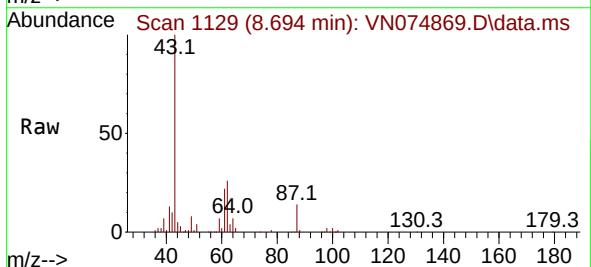
Manual Integrations
APPROVED

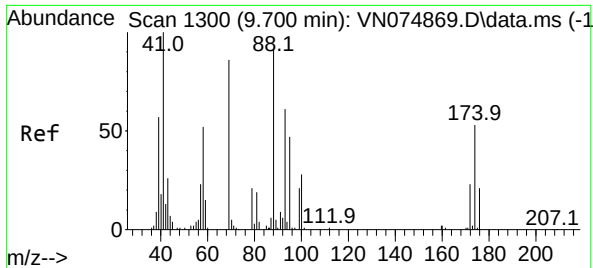
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#44
Isopropyl Acetate
Concen: 20.245 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

Tgt Ion: 43 Resp: 372369
Ion Ratio Lower Upper
43 100
61 24.7 19.5 29.3





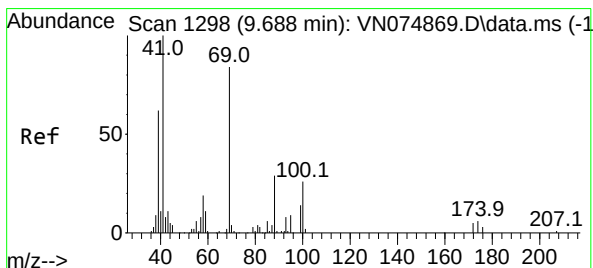
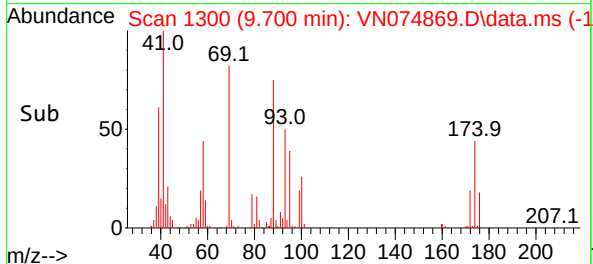
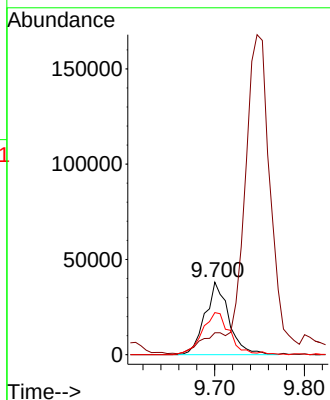
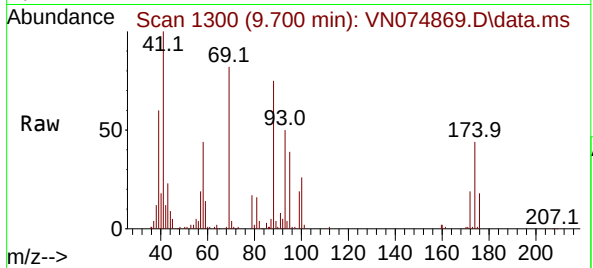
#45
1,4-Dioxane
Concen: 414.592 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 88 Resp: 69920
Ion Ratio Lower Upper
88 100
43 30.6 25.7 38.5
58 66.3 53.4 80.2

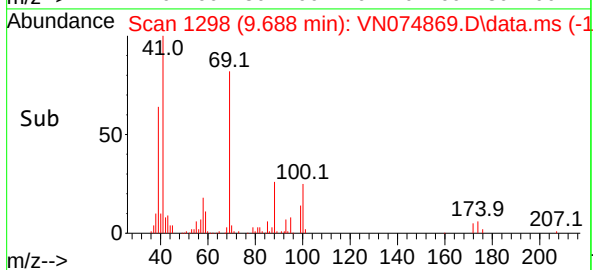
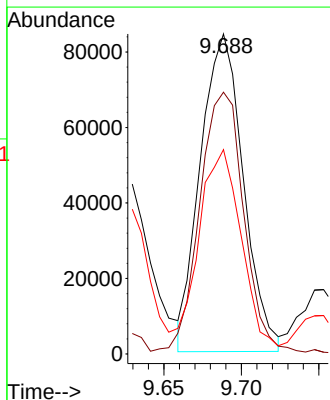
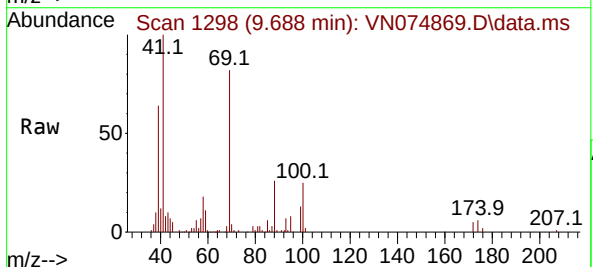
Manual Integrations
APPROVED

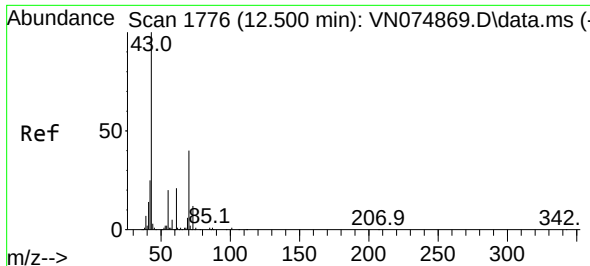
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#46
Methyl methacrylate
Concen: 20.314 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

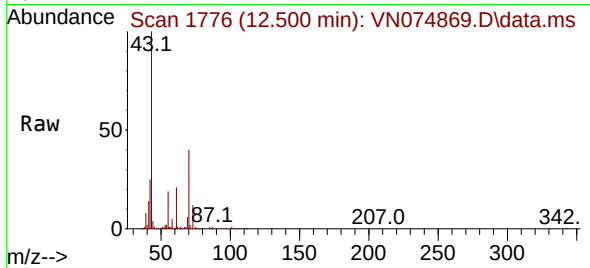
Tgt Ion: 41 Resp: 161826
Ion Ratio Lower Upper
41 100
69 83.9 45.6 136.7
39 64.8 32.3 96.9





#47
n-amy1 Acetate
Concen: 19.388 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

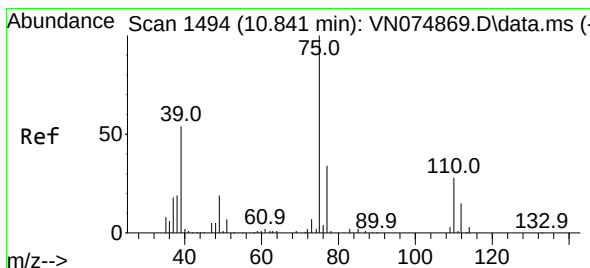
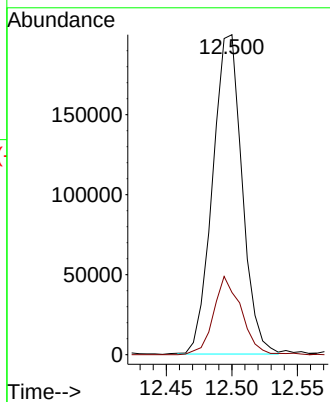
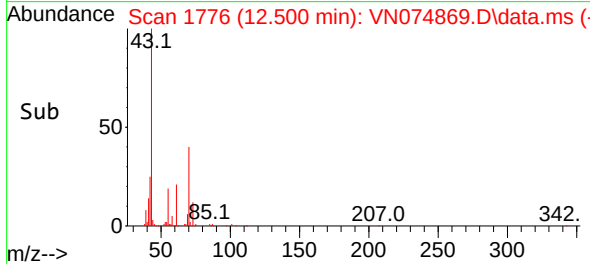
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 312024
Ion Ratio Lower Upper
43 100
55 22.8 16.8 25.2

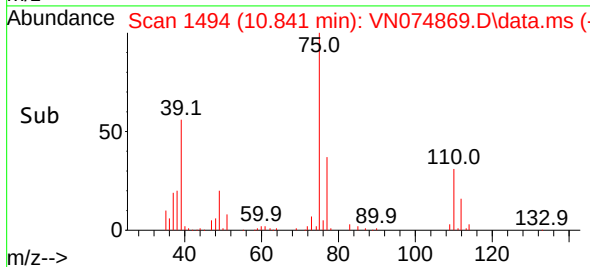
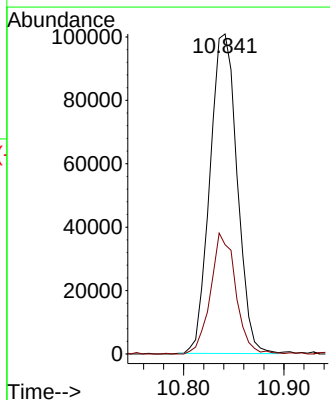
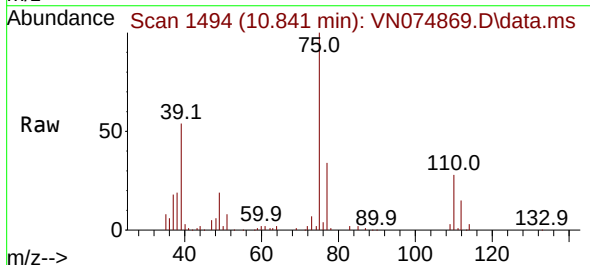
Manual Integrations
APPROVED

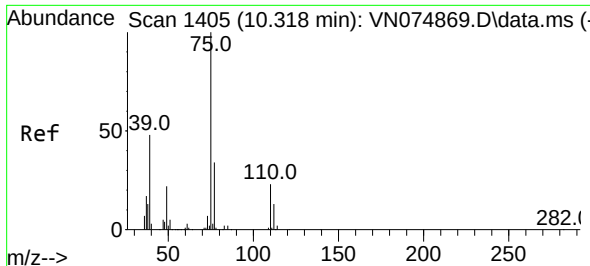
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#48
t-1,3-Dichloropropene
Concen: 19.518 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

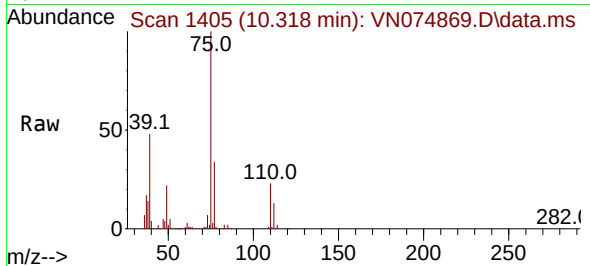
Tgt Ion: 75 Resp: 190509
Ion Ratio Lower Upper
75 100
77 34.2 25.8 38.8





#49
 cis-1,3-Dichloropropene
 Concen: 19.309 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: VN074869.D
 Acq: 12 Oct 2022 11:02

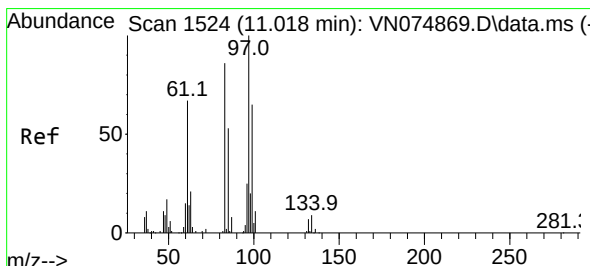
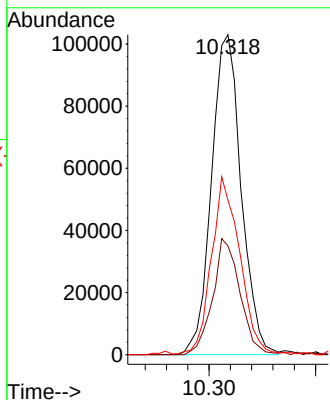
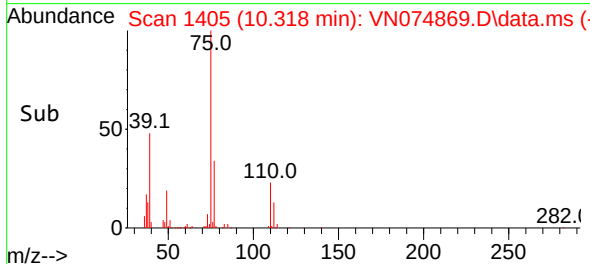
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 19919
 Ion Ratio Lower Upper
 75 100
 77 34.0 22.5 33.7
 39 48.0 37.6 56.4

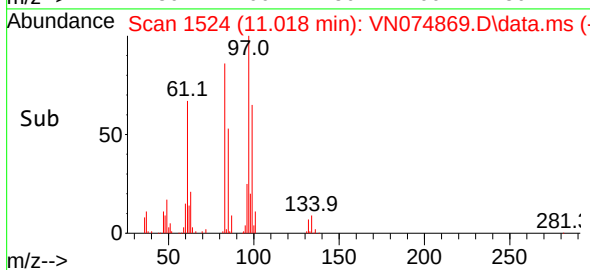
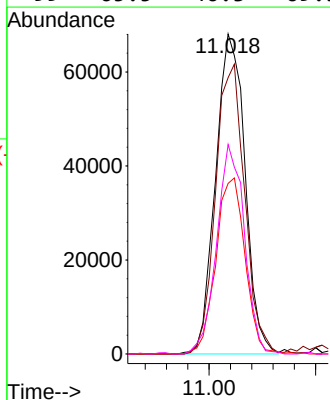
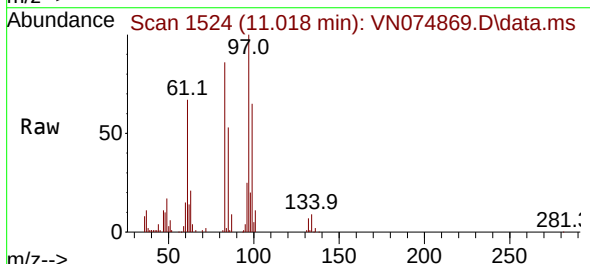
Manual Integrations
 APPROVED

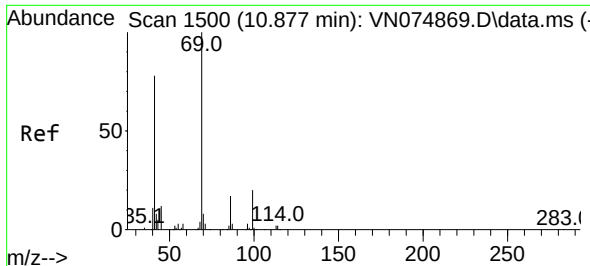
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.344 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VN074869.D
 Acq: 12 Oct 2022 11:02

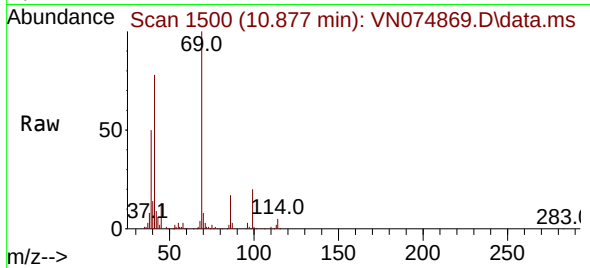
Tgt Ion: 97 Resp: 130344
 Ion Ratio Lower Upper
 97 100
 83 86.4 69.2 103.8
 85 53.3 41.4 62.2
 99 65.5 46.3 69.5





#51
Ethyl methacrylate
Concen: 19.113 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

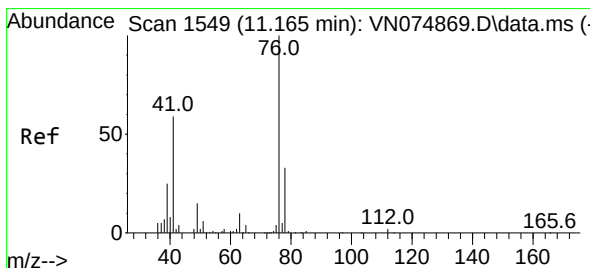
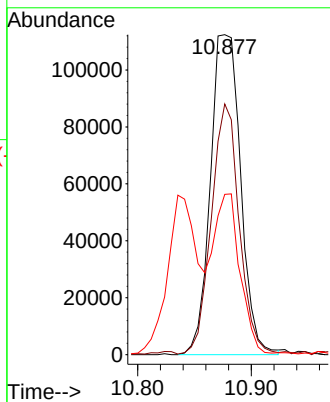
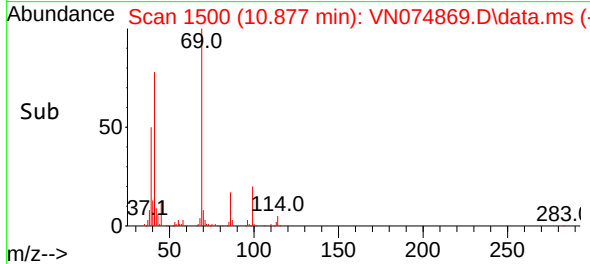
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 208230
Ion Ratio Lower Upper
69 100
41 78.2 32.5 97.5
39 49.5 21.5 64.5

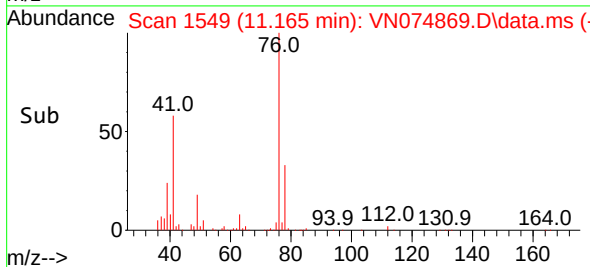
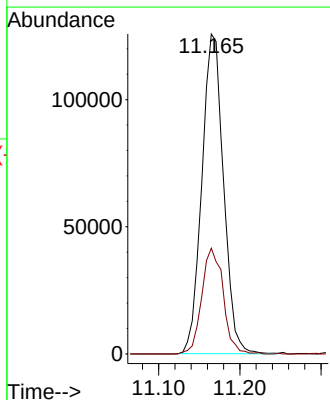
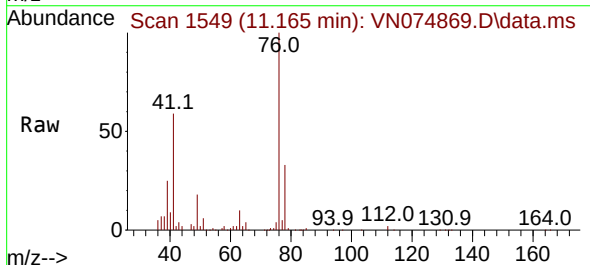
Manual Integrations
APPROVED

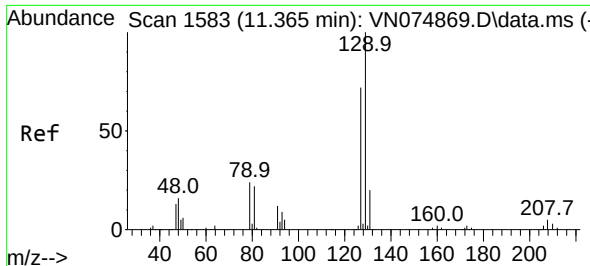
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#52
1,3-Dichloropropane
Concen: 21.041 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

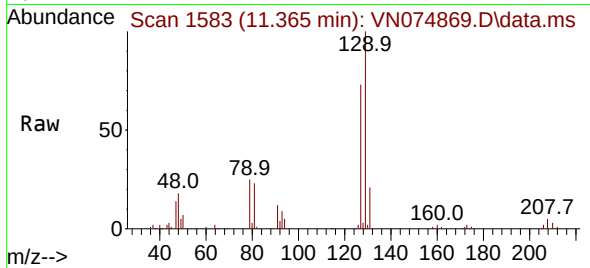
Tgt Ion: 76 Resp: 232687
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.8





#53
Dibromochloromethane
Concen: 19.980 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

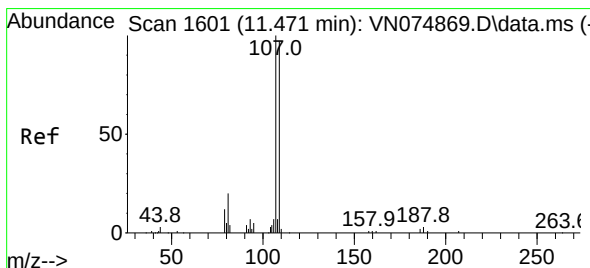
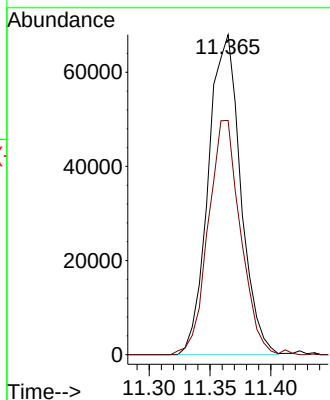
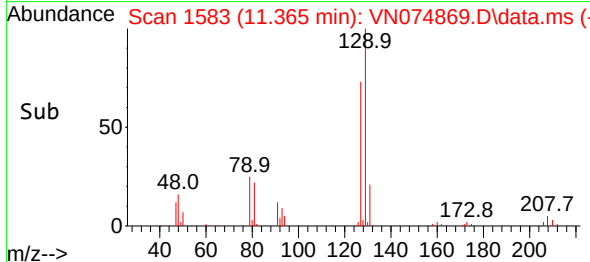
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



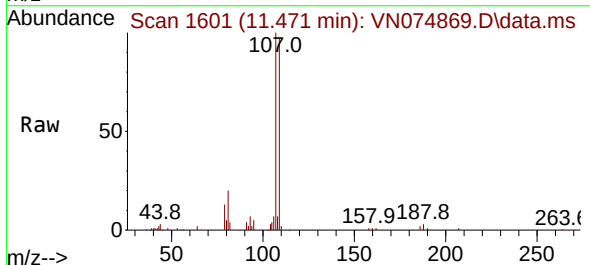
Tgt Ion:129 Resp: 12541
Ion Ratio Lower Upper
129 100
127 72.9 40.6 121.7

Manual Integrations
APPROVED

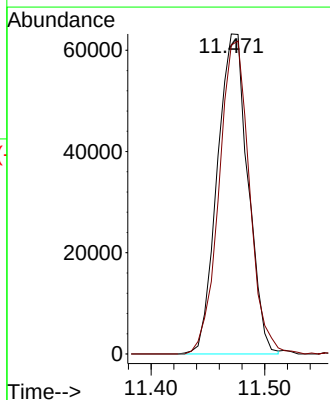
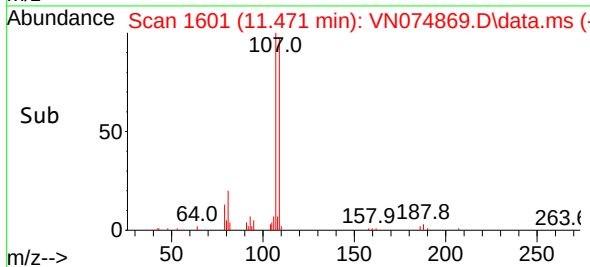
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

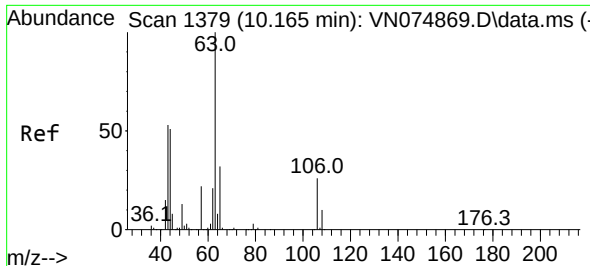


#54
1,2-Dibromoethane
Concen: 19.322 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02



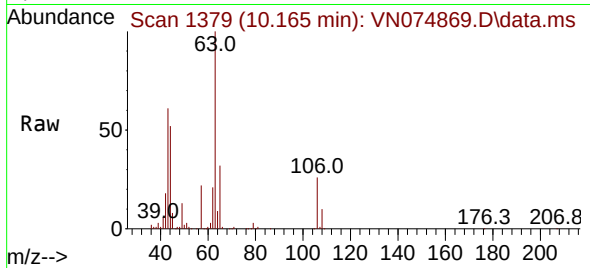
Tgt Ion:107 Resp: 118940
Ion Ratio Lower Upper
107 100
109 96.7 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 94.401 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

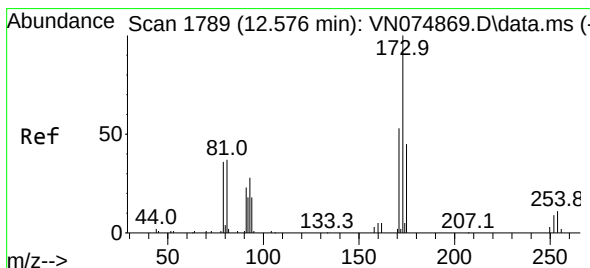
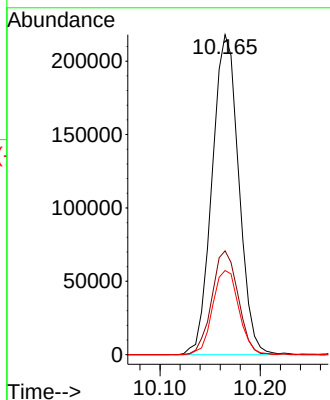
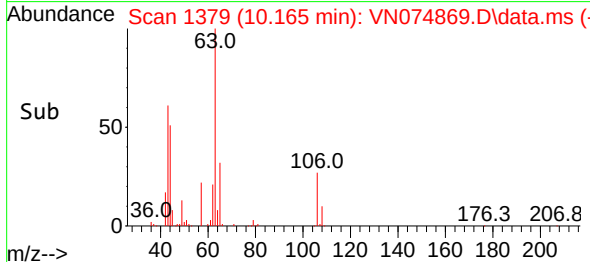
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 402290
Ion Ratio Lower Upper
63 100
65 32.0 24.6 36.8
106 26.0 21.3 31.9

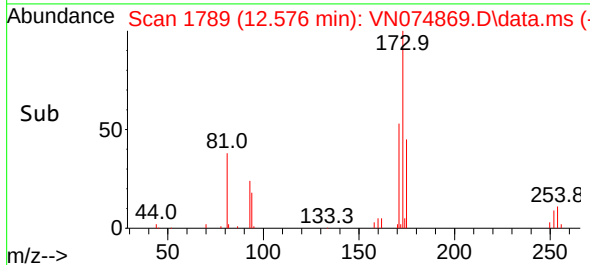
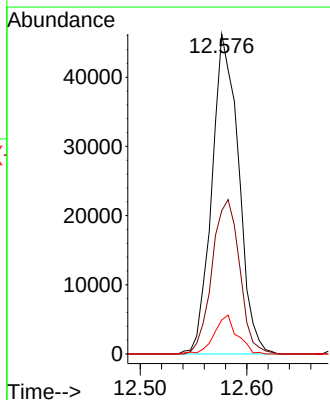
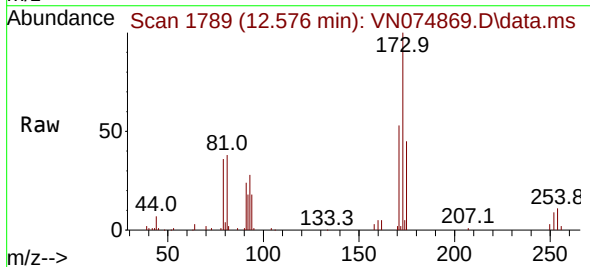
Manual Integrations
APPROVED

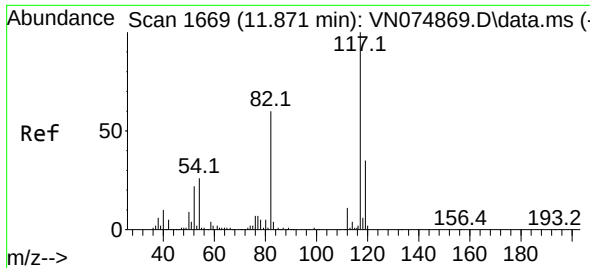
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#56
Bromoform
Concen: 17.849 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

Tgt Ion:173 Resp: 80739
Ion Ratio Lower Upper
173 100
175 49.6 39.1 58.7
254 9.6 7.0 10.6





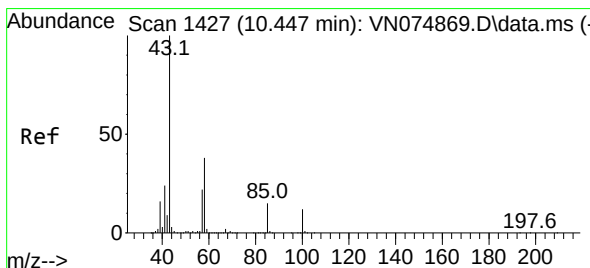
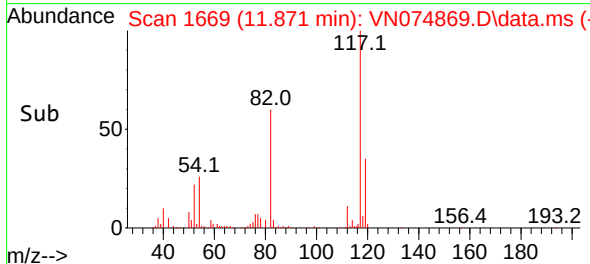
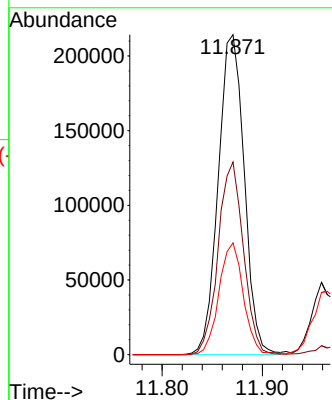
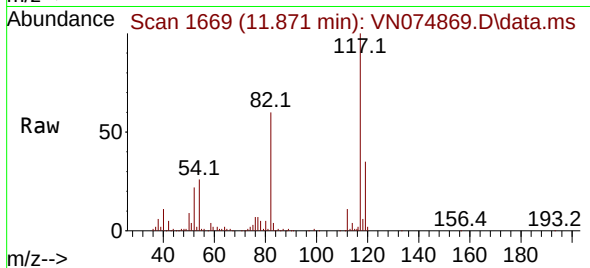
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 384952
Ion Ratio Lower Upper
117 100
82 58.5 44.6 67.0
119 32.8 25.6 38.4

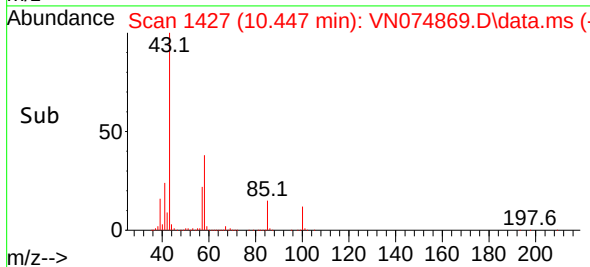
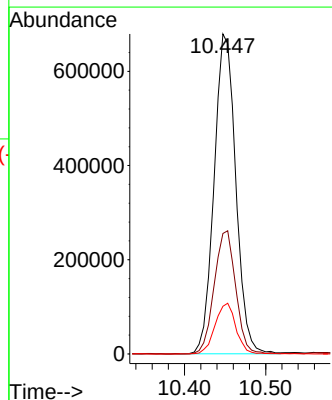
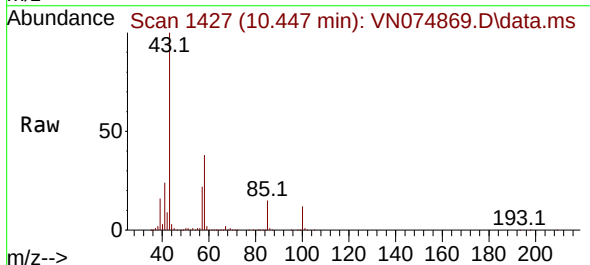
Manual Integrations
APPROVED

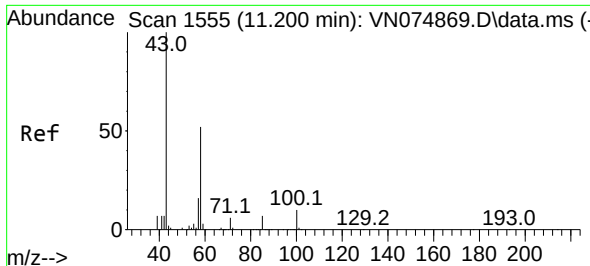
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#58
4-Methyl-2-Pentanone
Concen: 105.345 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

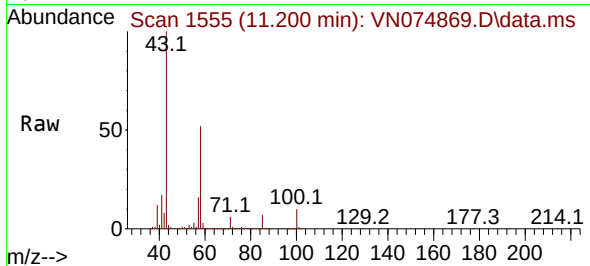
Tgt Ion: 43 Resp: 1261196
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2
85 15.2 13.3 19.9





#59
2-Hexanone
Concen: 106.016 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

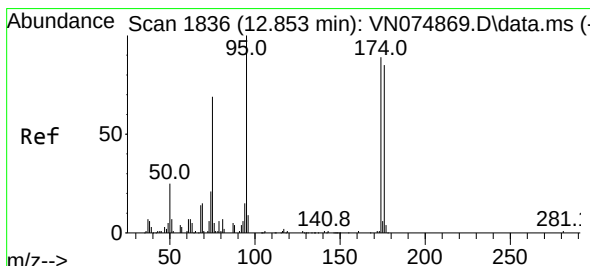
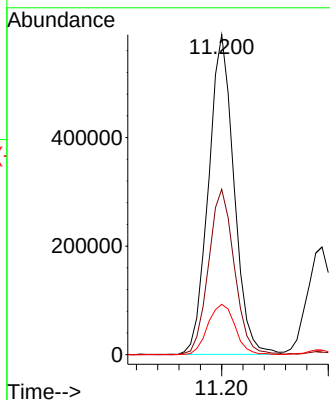
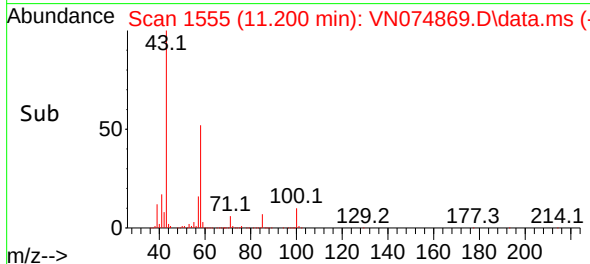
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 976799
Ion Ratio Lower Upper
43 100
58 52.5 43.6 65.4
57 16.9 14.3 21.5

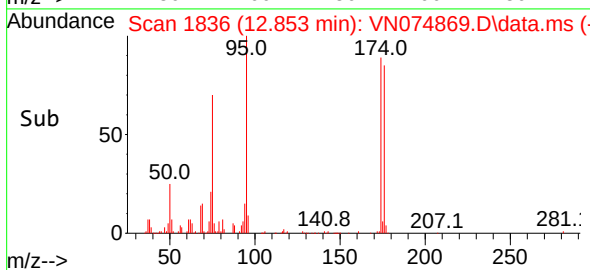
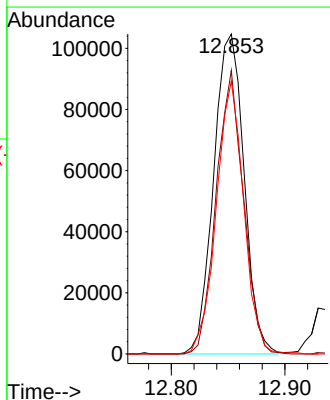
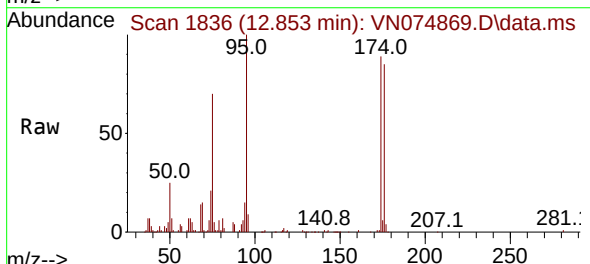
Manual Integrations
APPROVED

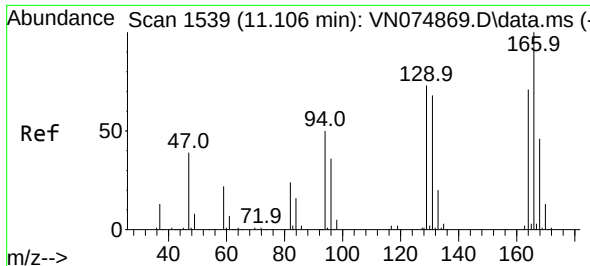
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#60
4-Bromofluorobenzene
Concen: 28.486 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

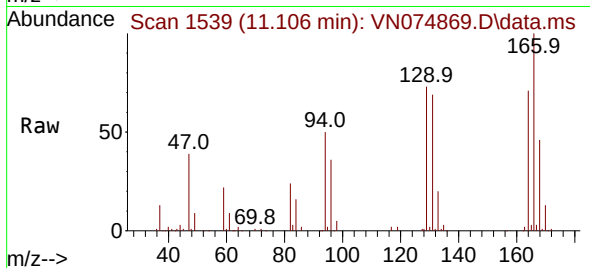
Tgt Ion: 95 Resp: 194461
Ion Ratio Lower Upper
95 100
174 79.5 57.8 86.8
176 77.0 57.0 85.4





#61
Tetrachloroethene
Concen: 20.752 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

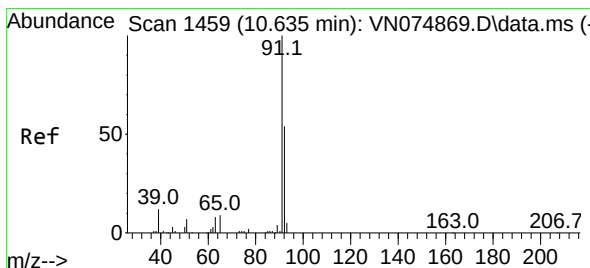
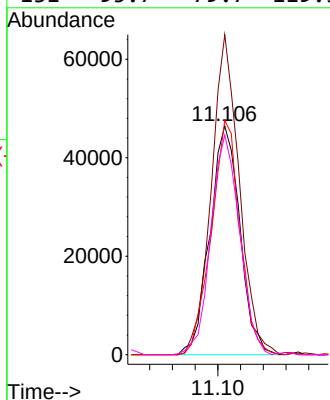
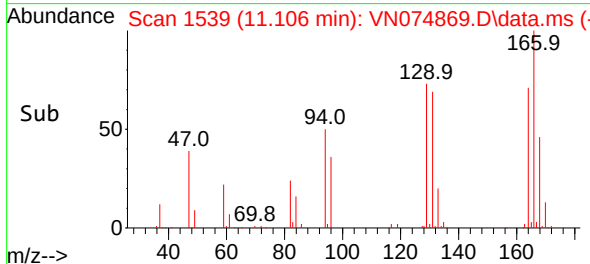
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



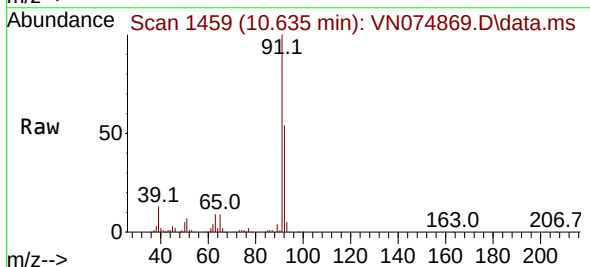
Tgt Ion:164 Resp: 8516
Ion Ratio Lower Upper
164 100
166 140.0 99.6 149.4
129 102.5 84.0 126.0
131 95.7 79.7 119.5

Manual Integrations
APPROVED

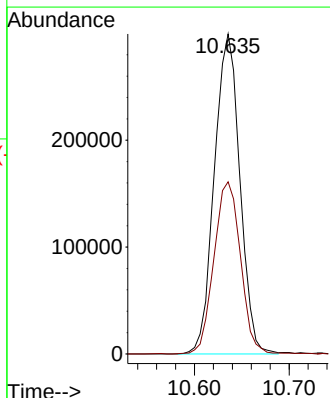
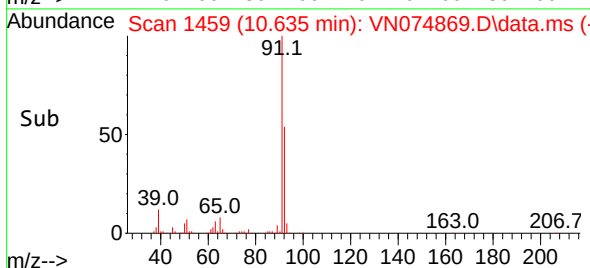
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

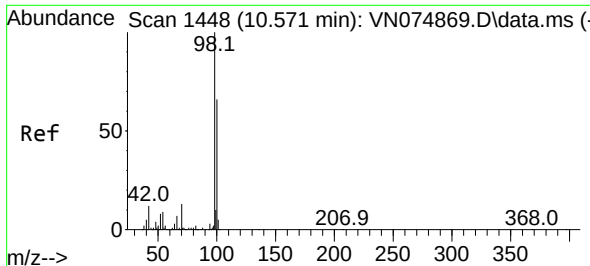


#62
Toluene
Concen: 21.090 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02



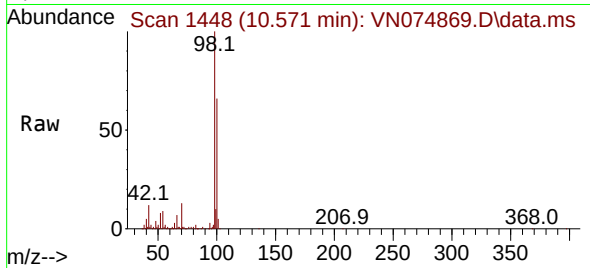
Tgt Ion: 91 Resp: 560896
Ion Ratio Lower Upper
91 100
92 55.9 46.0 69.0





#63
Toluene-d8
Concen: 30.924 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

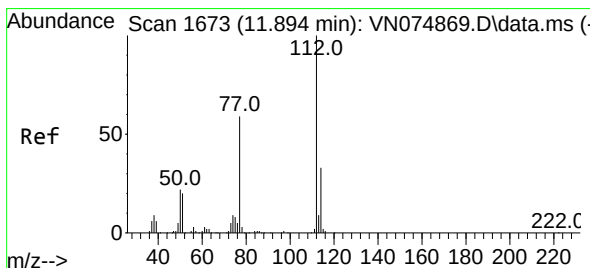
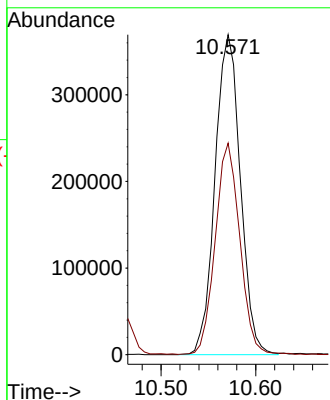
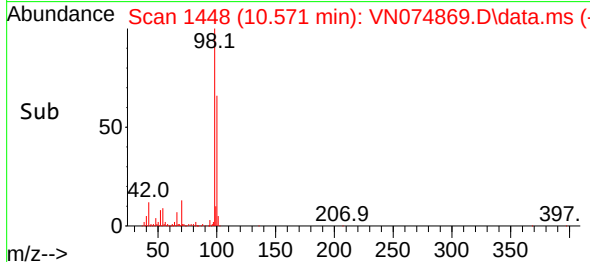
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 98 Resp: 687054
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1

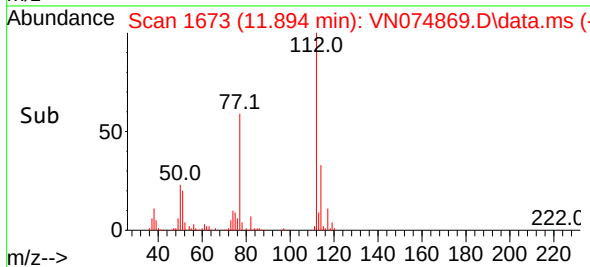
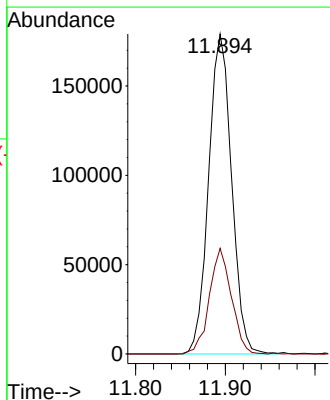
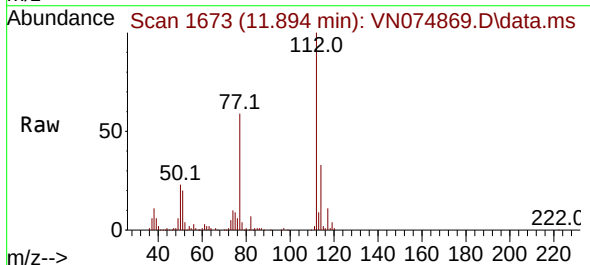
Manual Integrations
APPROVED

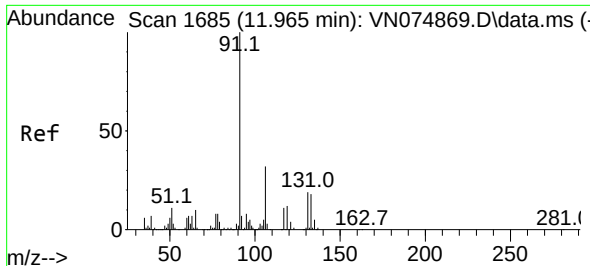
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#64
Chlorobenzene
Concen: 21.071 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

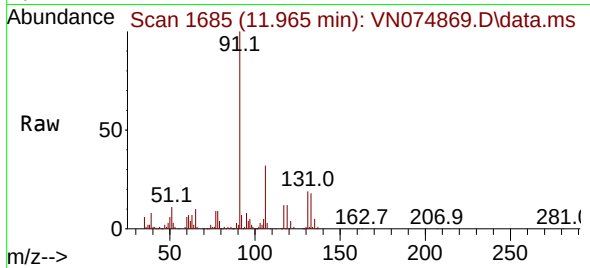
Tgt Ion:112 Resp: 318531
Ion Ratio Lower Upper
112 100
114 33.0 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 20.599 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

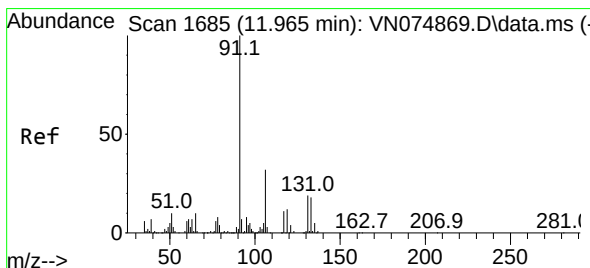
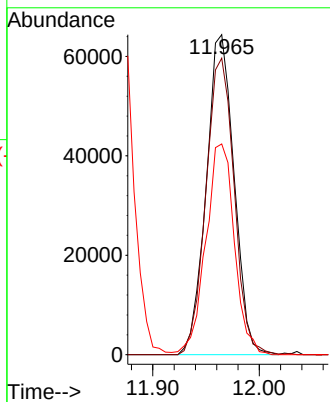
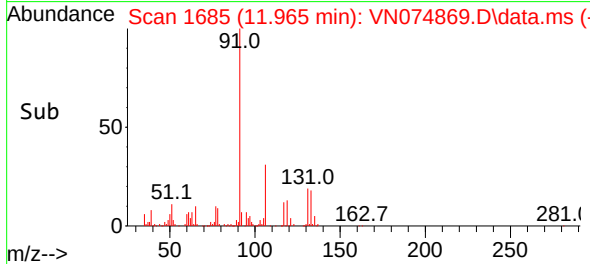
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 117285
Ion Ratio Lower Upper
131 100
133 93.7 0.0 191.8
119 67.5 0.0 135.8

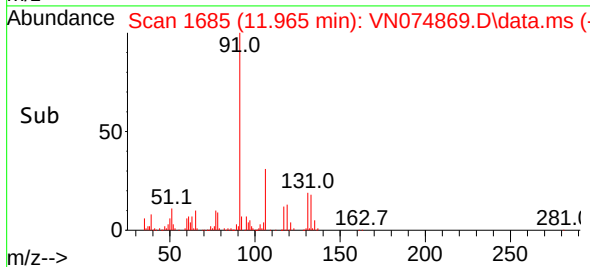
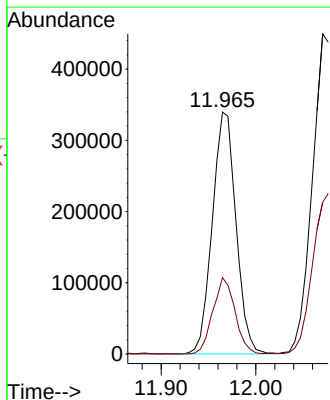
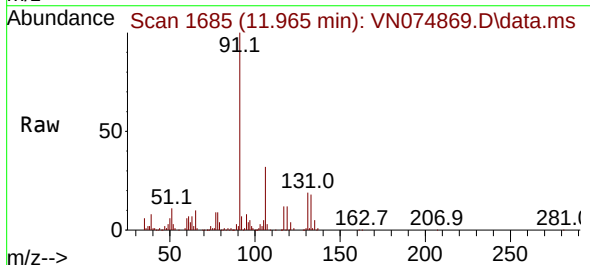
Manual Integrations
APPROVED

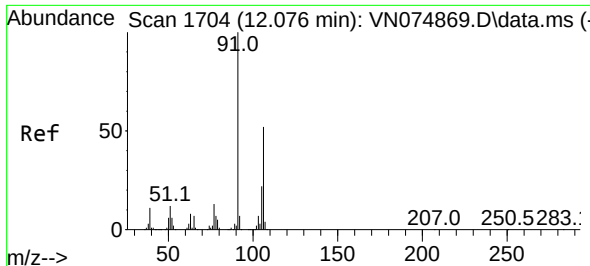
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#66
Ethyl Benzene
Concen: 20.437 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

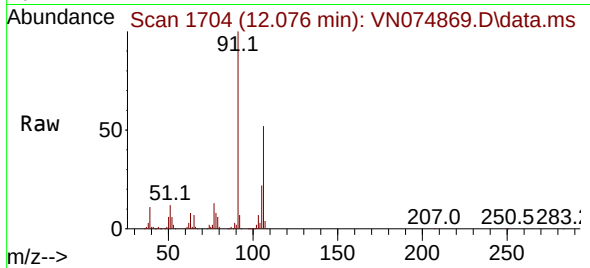
Tgt Ion: 91 Resp: 591029
Ion Ratio Lower Upper
91 100
106 31.5 24.1 36.1





#67
m/p-Xylenes
Concen: 40.846 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

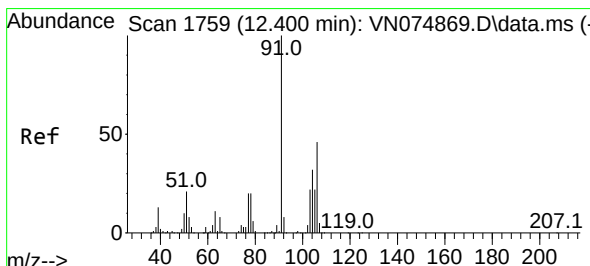
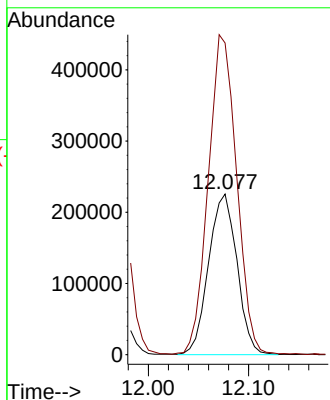
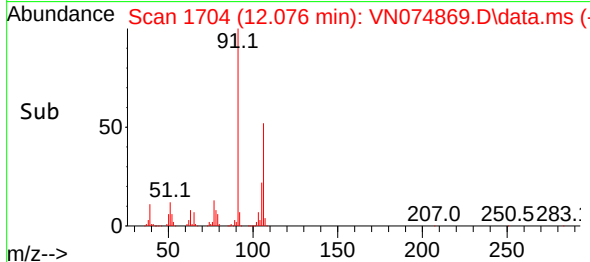
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



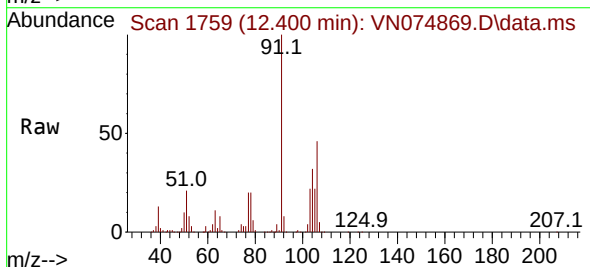
Tgt Ion:106 Resp: 443772
Ion Ratio Lower Upper
106 100
91 198.2 164.2 246.4

Manual Integrations
APPROVED

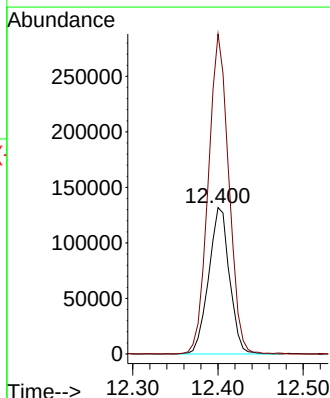
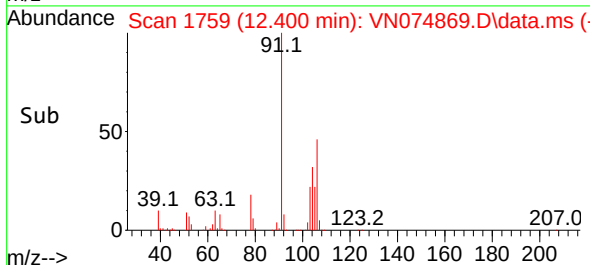
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

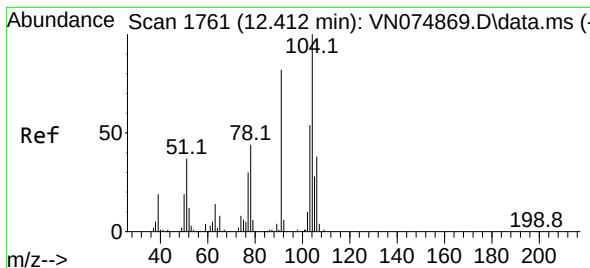


#68
o-Xylene
Concen: 20.234 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02



Tgt Ion:106 Resp: 223459
Ion Ratio Lower Upper
106 100
91 216.2 108.5 325.5





#69

Styrene

Concen: 19.494 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VN074869.D

Acq: 12 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

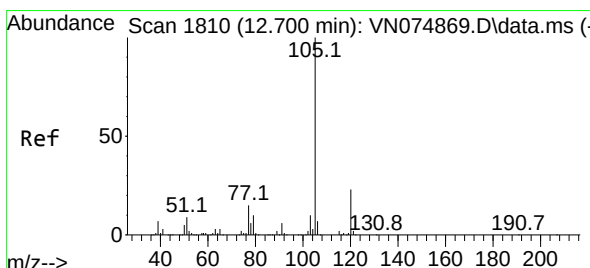
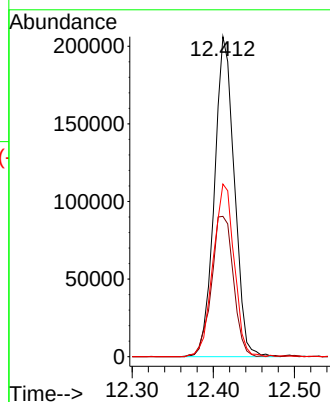
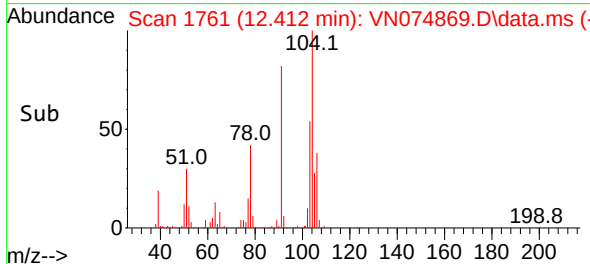
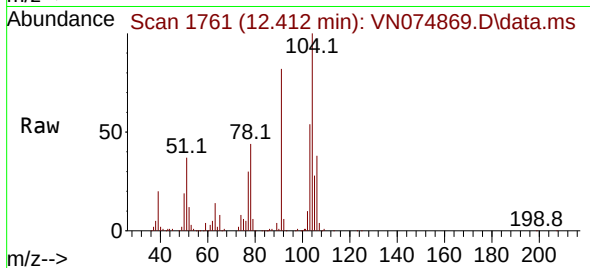
Tgt Ion:104	Resp: 35235
Ion Ratio	Lower Upper
104	100
78	48.2 39.9 59.9
103	56.8 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#70

Isopropylbenzene

Concen: 20.049 ug/l

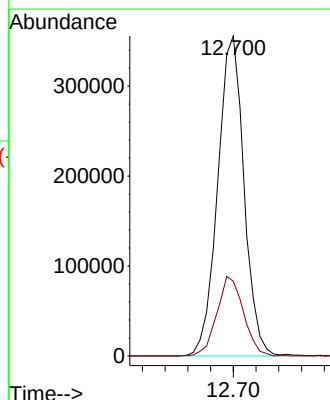
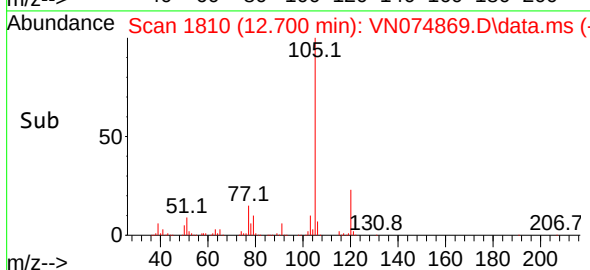
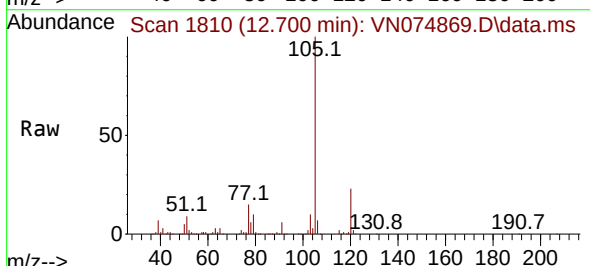
RT: 12.700 min Scan# 1810

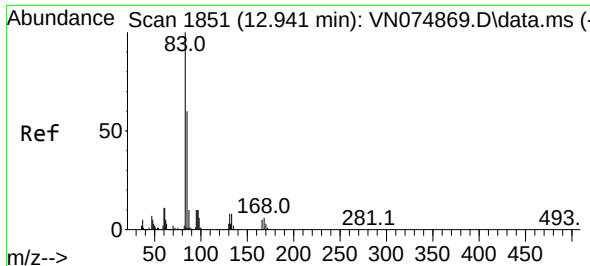
Delta R.T. 0.000 min

Lab File: VN074869.D

Acq: 12 Oct 2022 11:02

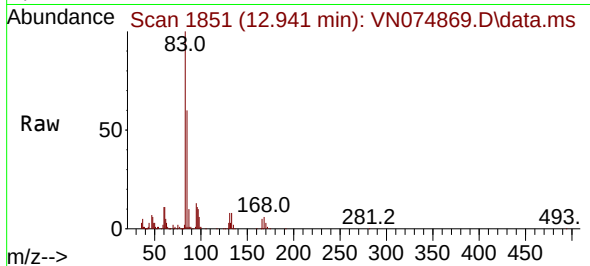
Tgt Ion:105	Resp: 571045
Ion Ratio	Lower Upper
105	100
120	25.1 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.616 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

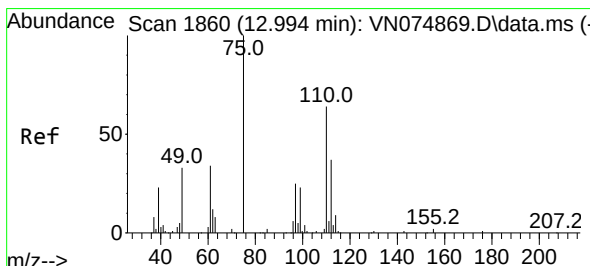
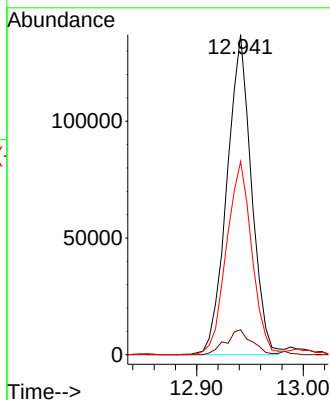
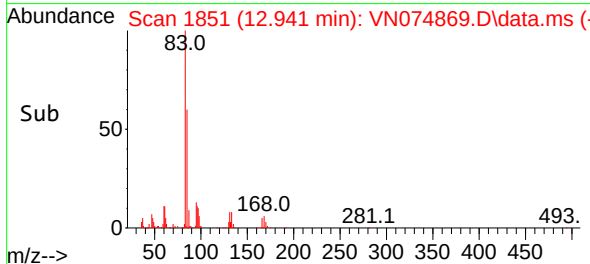
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 219658
Ion Ratio Lower Upper
83 100
131 8.2 4.5 13.5
85 62.3 30.9 92.7

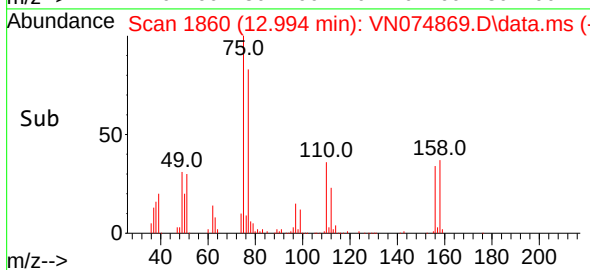
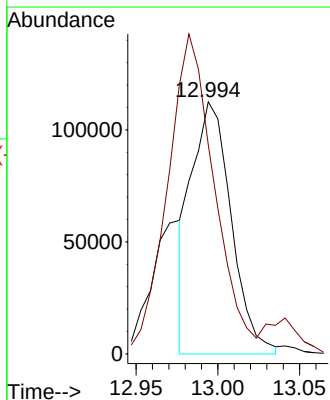
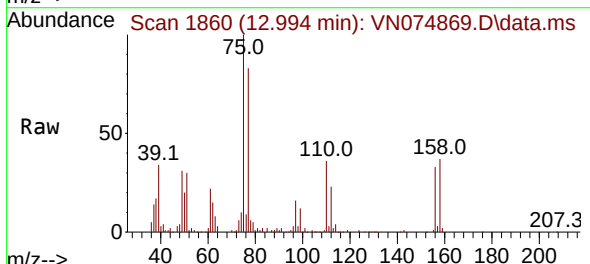
Manual Integrations
APPROVED

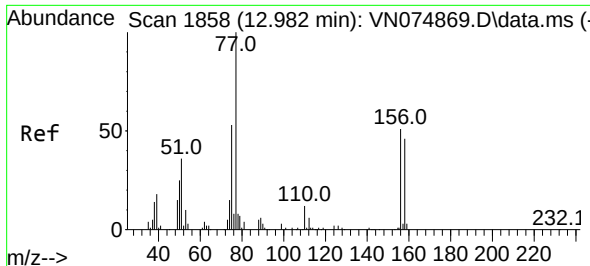
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#72
1,2,3-Trichloropropane
Concen: 21.866 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

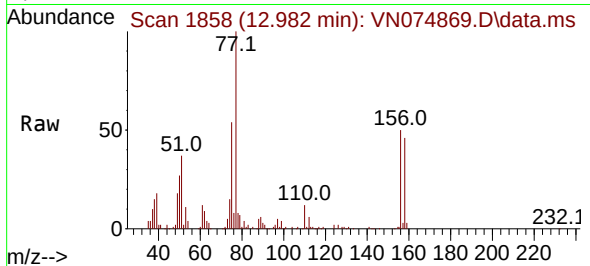
Tgt Ion: 75 Resp: 189468
Ion Ratio Lower Upper
75 100
77 150.0 0.0 372.4





#73
Bromobenzene
Concen: 20.394 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

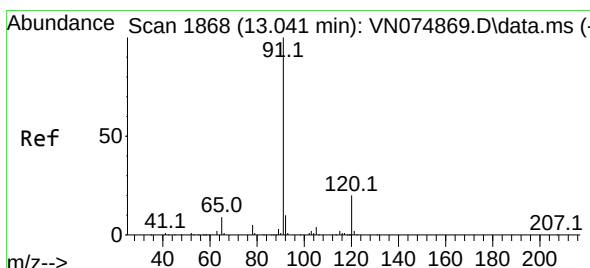
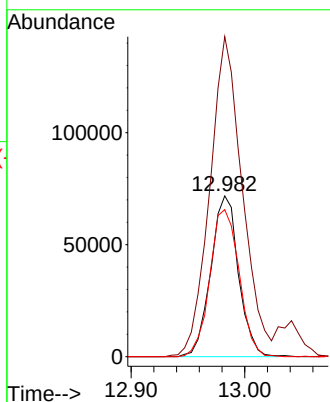
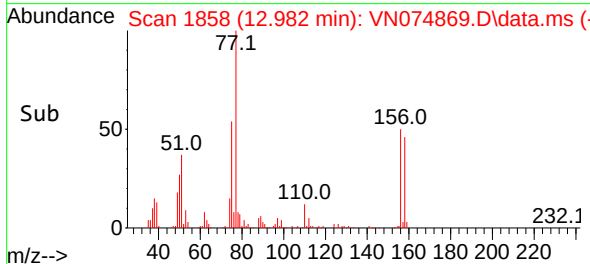
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



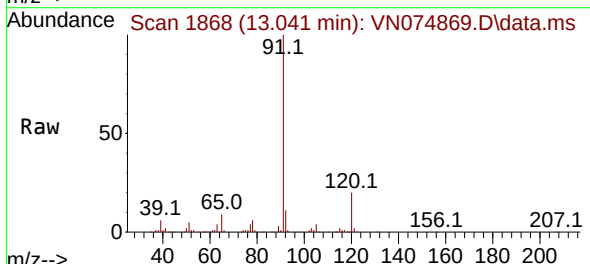
Tgt Ion:156 Resp: 12172
Ion Ratio Lower Upper
156 100
77 233.4 0.0 491.8
158 96.5 0.0 185.0

Manual Integrations
APPROVED

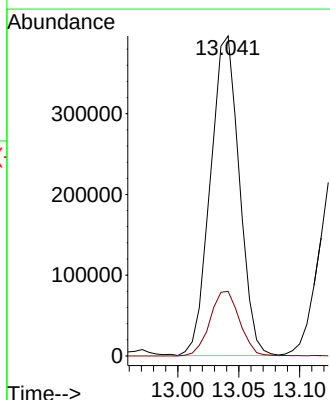
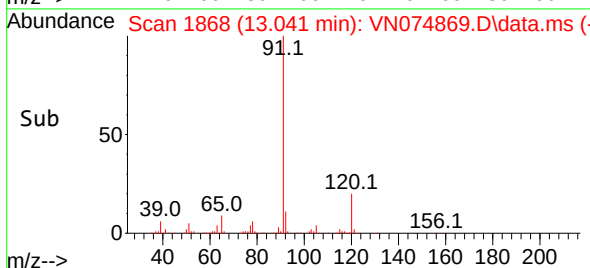
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

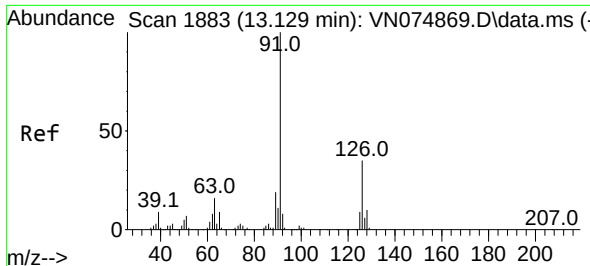


#74
n-propylbenzene
Concen: 19.698 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02



Tgt Ion: 91 Resp: 654137
Ion Ratio Lower Upper
91 100
120 20.7 0.0 44.6





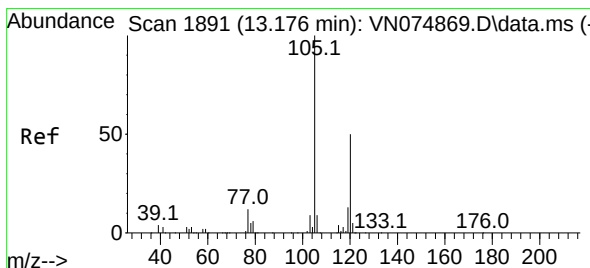
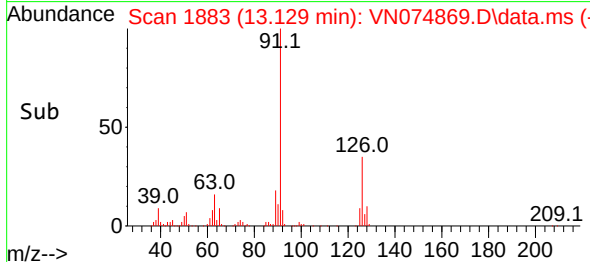
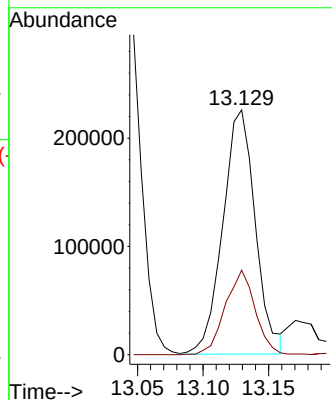
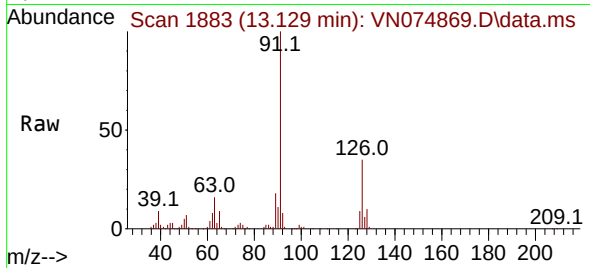
#75
2-Chlorotoluene
Concen: 20.028 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 389092
Ion Ratio Lower Upper
91 100
126 31.8 0.0 66.2

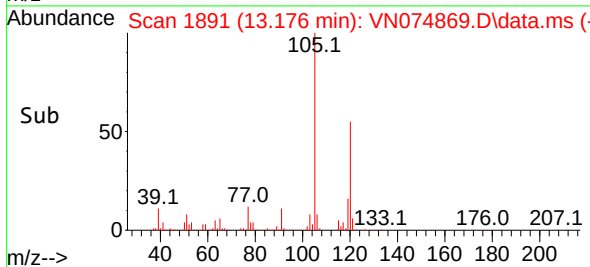
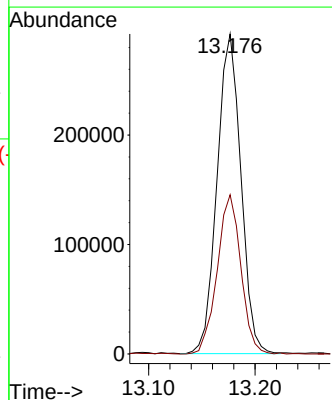
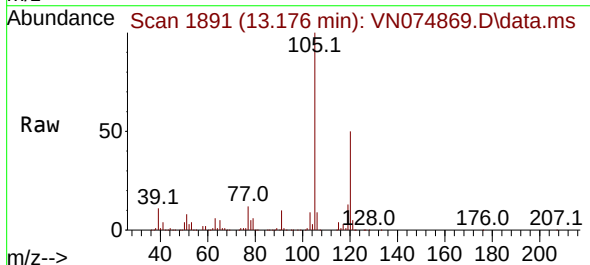
Manual Integrations
APPROVED

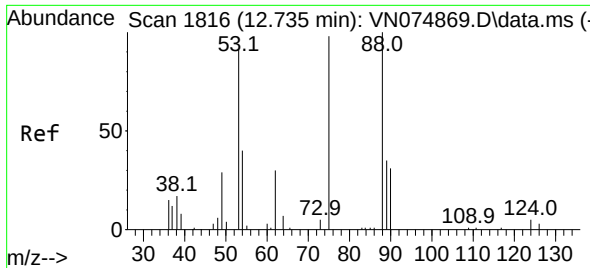
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.576 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

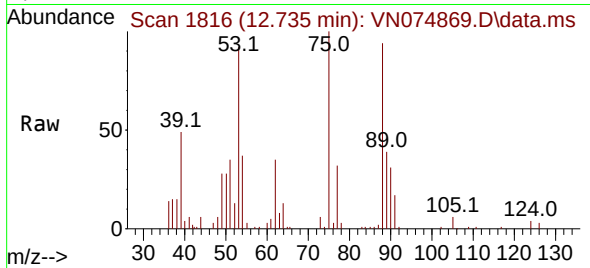
Tgt Ion:105 Resp: 453102
Ion Ratio Lower Upper
105 100
120 49.4 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 19.171 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

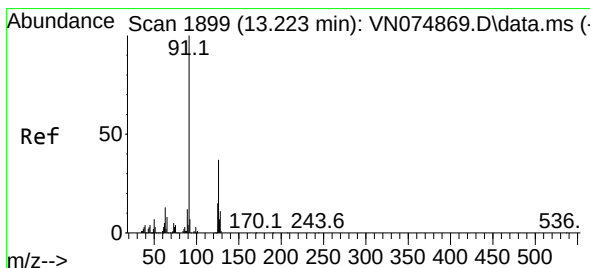
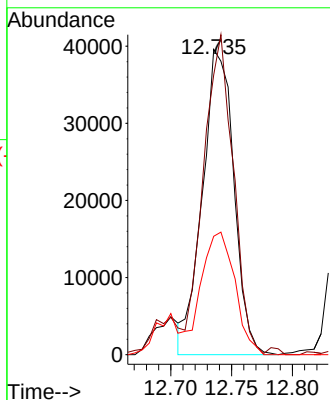
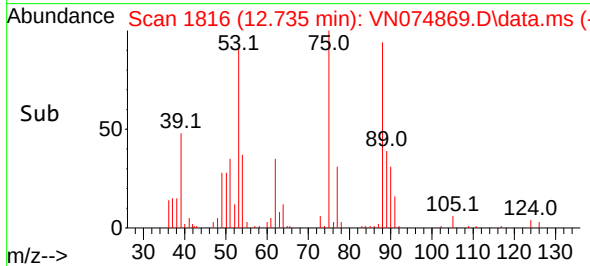
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 7129
Ion Ratio Lower Upper
75 100
53 89.8 43.3 129.9
89 38.8 21.1 63.1

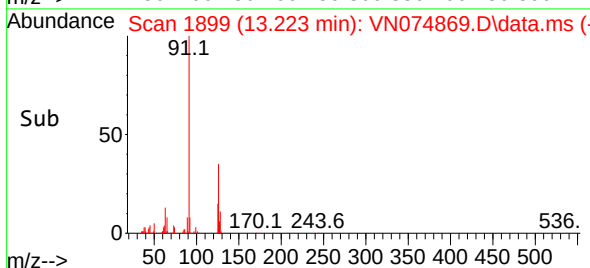
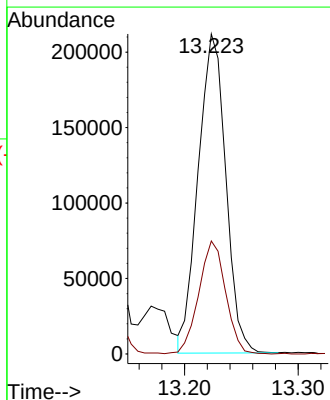
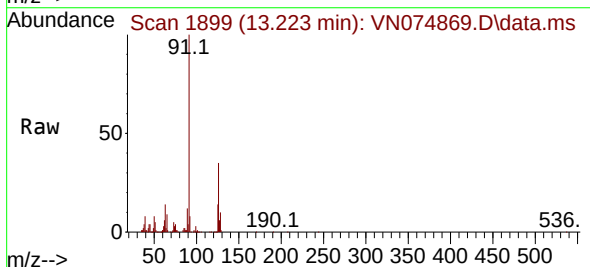
Manual Integrations
APPROVED

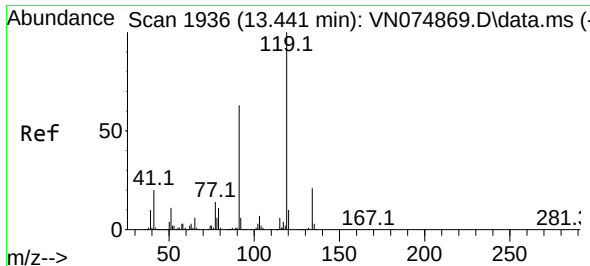
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#78
4-Chlorotoluene
Concen: 18.640 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

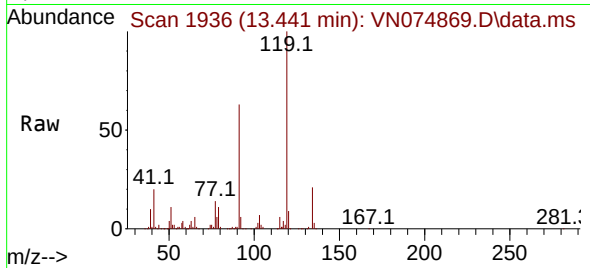
Tgt Ion: 91 Resp: 356469
Ion Ratio Lower Upper
91 100
126 34.5 0.0 67.8





#79
tert-butylbenzene
Concen: 19.479 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

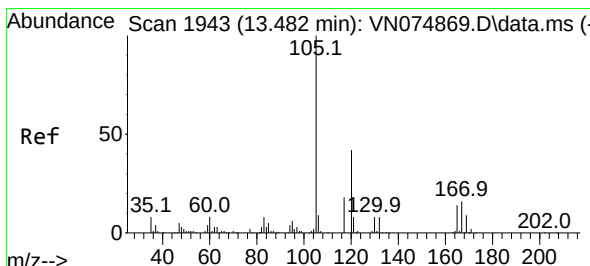
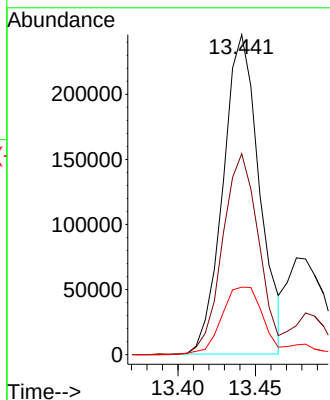
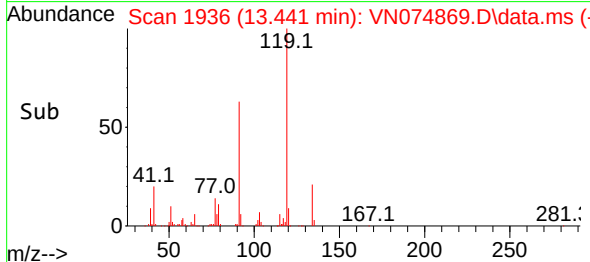
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



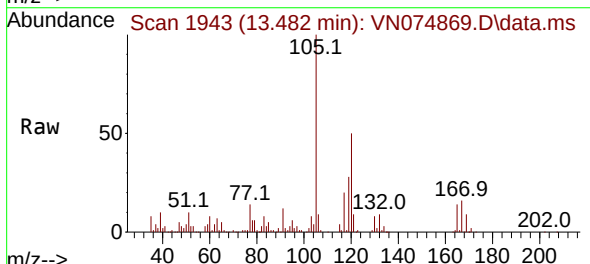
Tgt Ion:119 Resp: 401054
Ion Ratio Lower Upper
119 100
91 62.4 0.0 129.0
134 23.6 0.0 52.2

Manual Integrations
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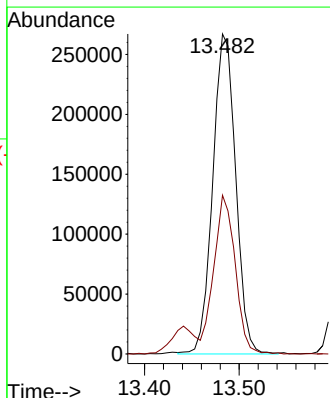
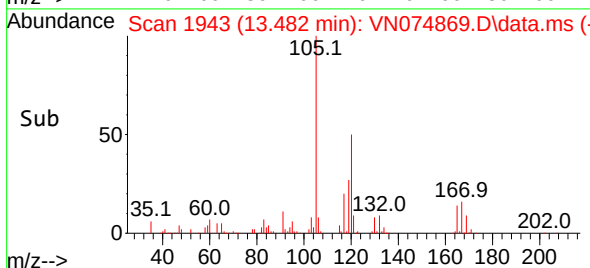
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

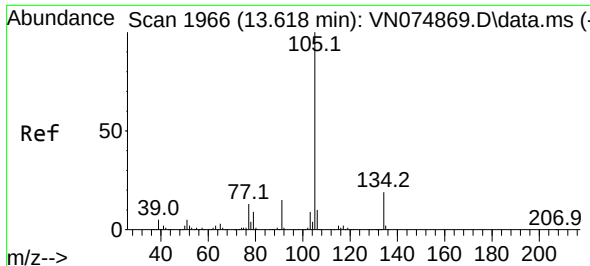


#80
1,2,4-Trimethylbenzene
Concen: 19.325 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02



Tgt Ion:105 Resp: 450065
Ion Ratio Lower Upper
105 100
120 46.2 0.0 93.2





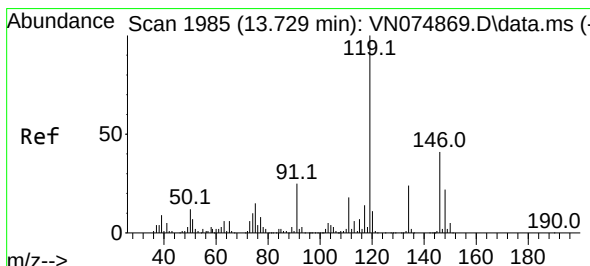
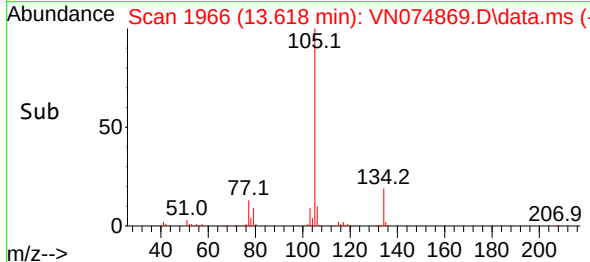
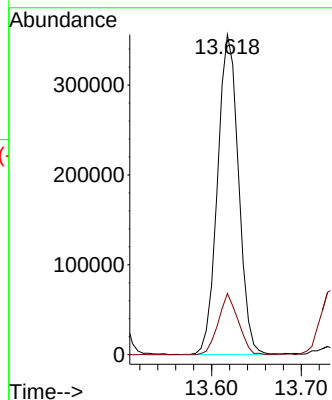
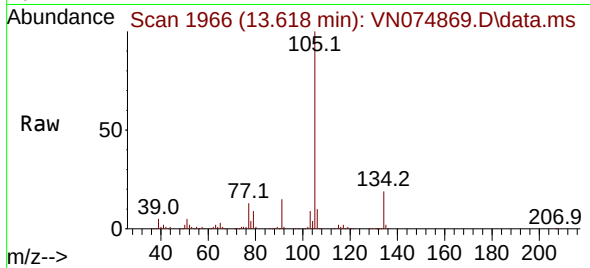
#81
 sec-Butylbenzene
 Concen: 19.580 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074869.D
 Acq: 12 Oct 2022 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 579360
 Ion Ratio Lower Upper
 105 100
 134 18.1 0.0 38.8

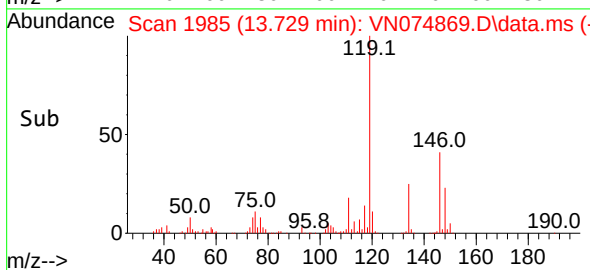
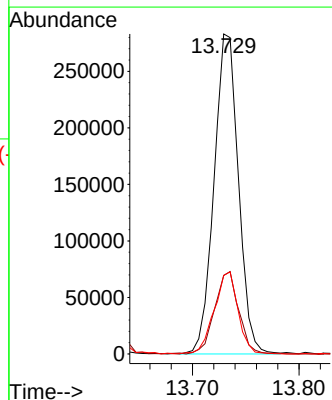
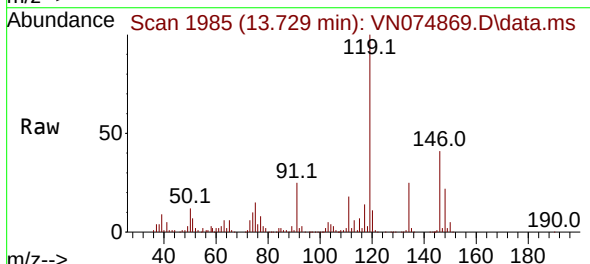
Manual Integrations
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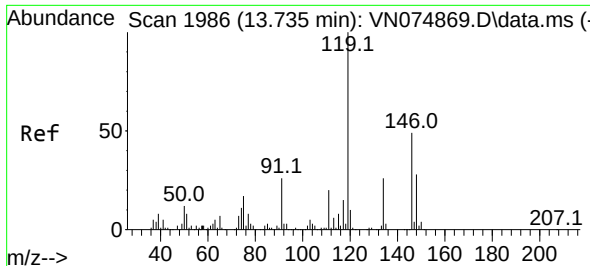
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#82
 p-Isopropyltoluene
 Concen: 19.133 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074869.D
 Acq: 12 Oct 2022 11:02

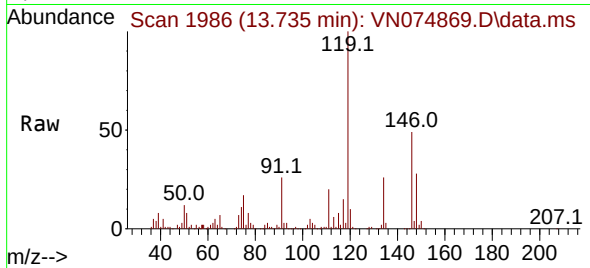
Tgt Ion:119 Resp: 449840
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 51.4
 91 24.7 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 19.255 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

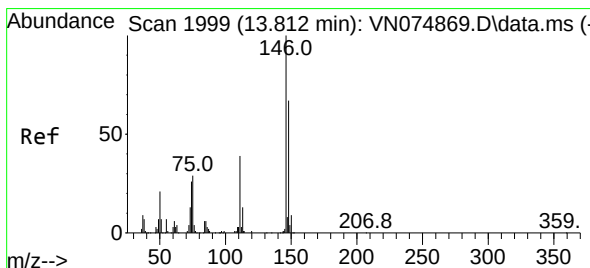
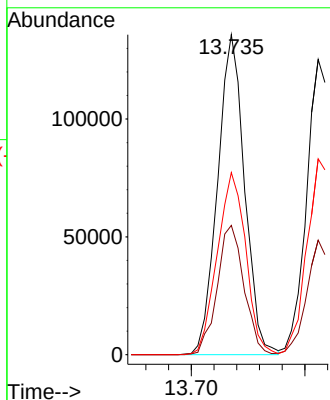
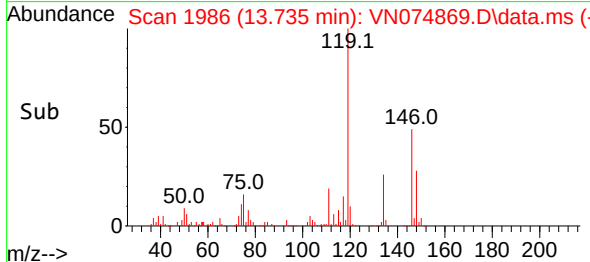
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



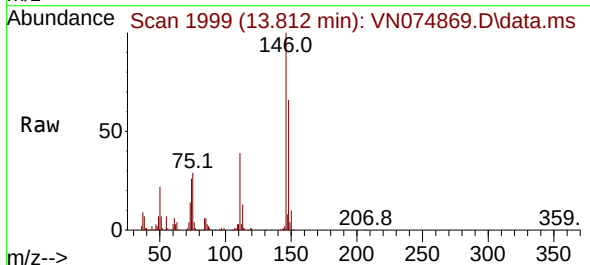
Tgt Ion:146 Resp: 224249
Ion Ratio Lower Upper
146 100
111 39.5 20.5 61.5
148 60.0 31.0 93.0

Manual Integrations
APPROVED

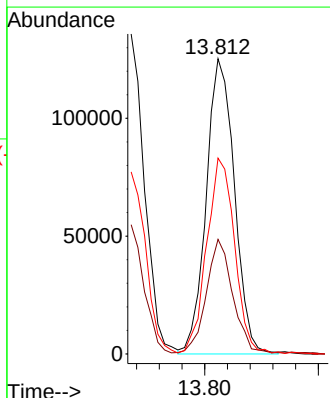
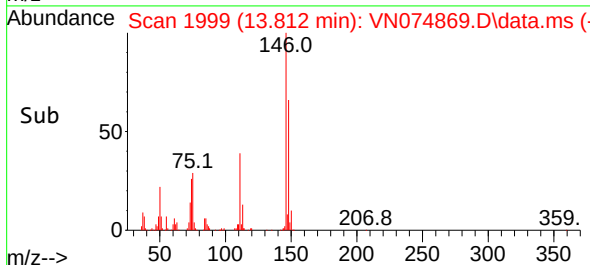
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

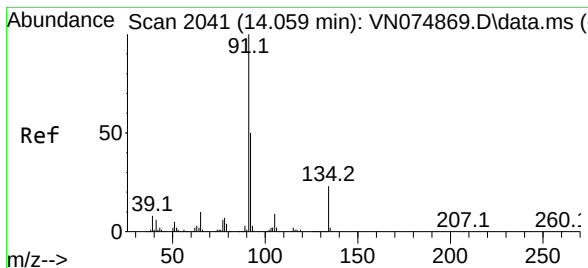


#84
1,4-Dichlorobenzene
Concen: 19.336 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02



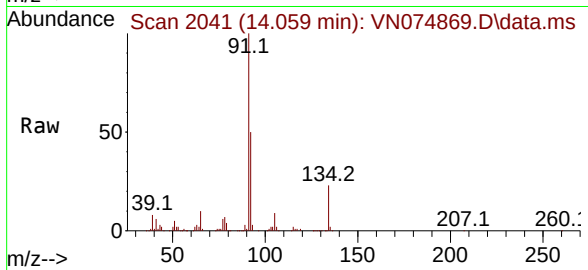
Tgt Ion:146 Resp: 216305
Ion Ratio Lower Upper
146 100
111 35.5 19.1 57.5
148 65.9 31.7 95.1





#85
n-Butylbenzene
Concen: 18.711 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

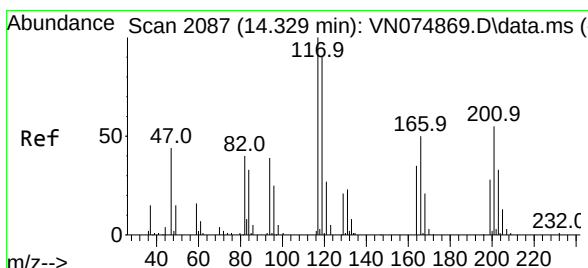
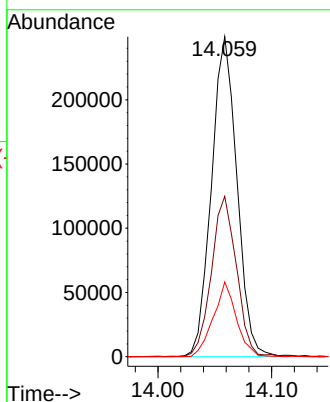
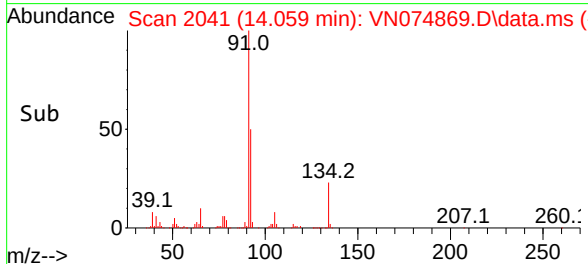
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



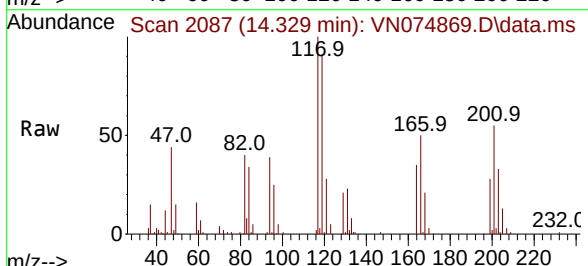
Tgt Ion: 91 Resp: 388314
Ion Ratio Lower Upper
91 100
92 49.0 0.0 105.4
134 21.2 0.0 46.4

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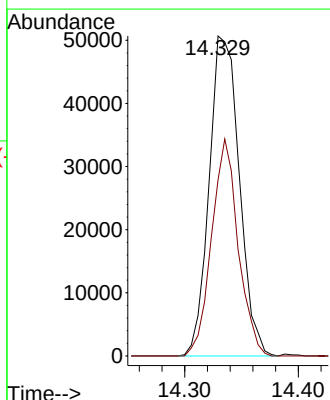
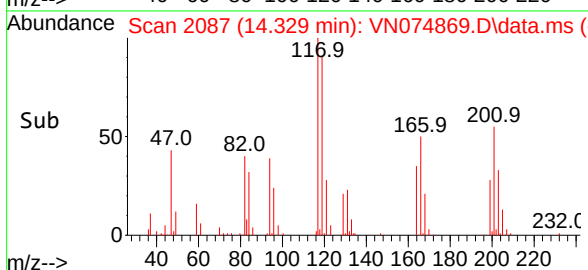
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

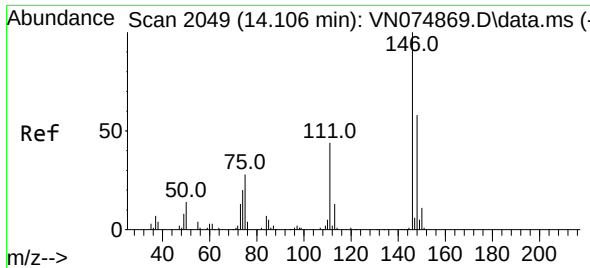


#86
Hexachloroethane
Concen: 20.293 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02



Tgt Ion:117 Resp: 93438
Ion Ratio Lower Upper
117 100
201 59.7 29.4 88.3





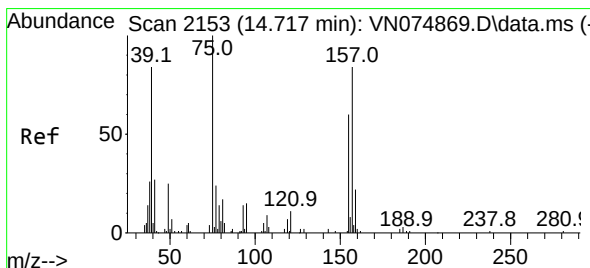
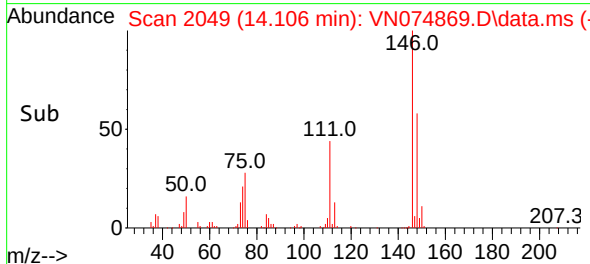
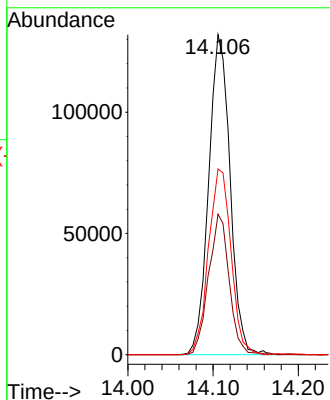
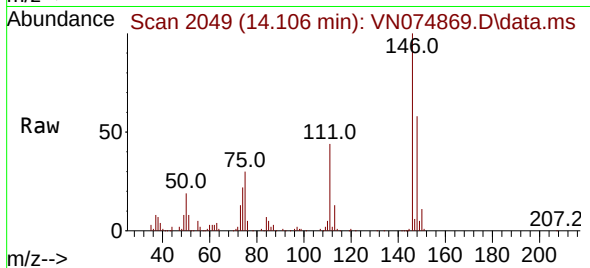
#87
1,2-Dichlorobenzene
Concen: 19.911 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 230240
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.2
148 61.1 30.6 92.0

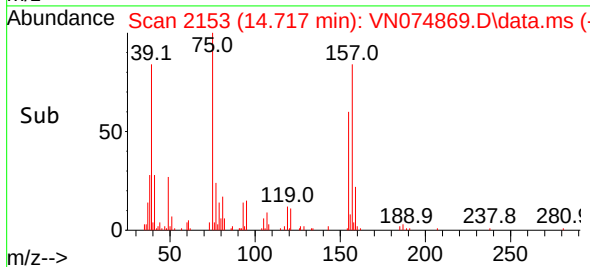
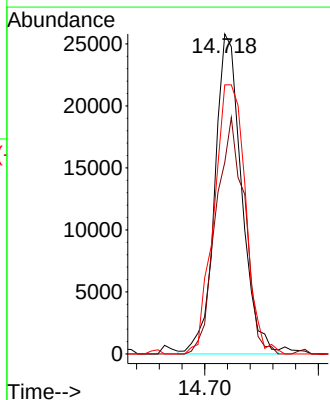
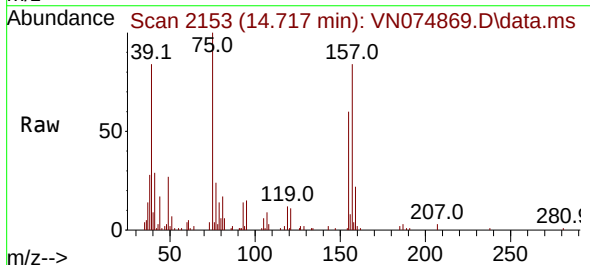
Manual Integrations
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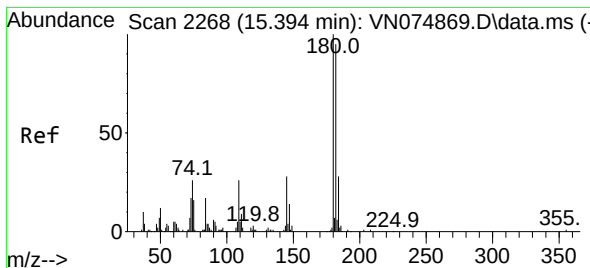
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.613 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

Tgt Ion: 75 Resp: 42176
Ion Ratio Lower Upper
75 100
155 79.5 66.3 99.5
157 97.6 84.3 126.5





#89

1,2,4-Trichlorobenzene

Concen: 18.620 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN074869.D

Acq: 12 Oct 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:180 Resp: 98338

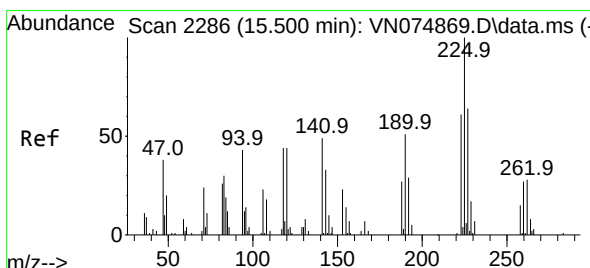
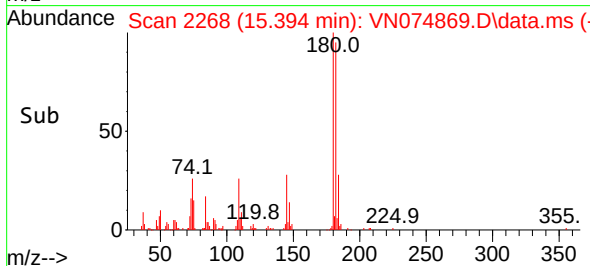
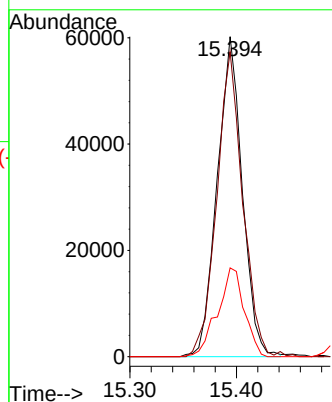
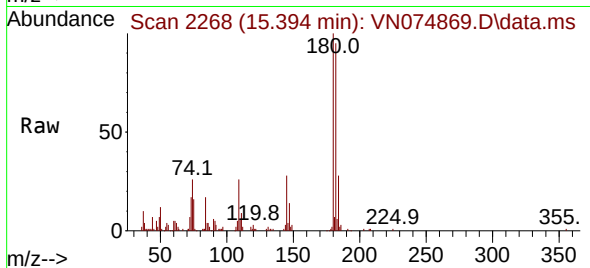
Ion	Ratio	Lower	Upper
180	100		
182	97.9	74.9	112.3
145	29.6	26.3	39.5

Manual Integrations

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Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#90

Hexachlorobutadiene

Concen: 19.103 ug/l

RT: 15.500 min Scan# 2286

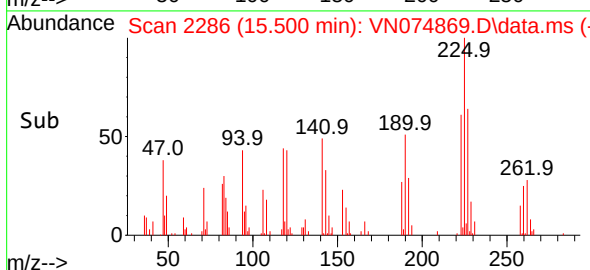
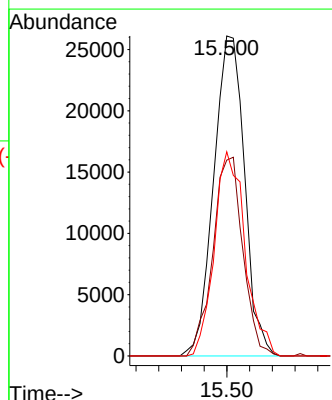
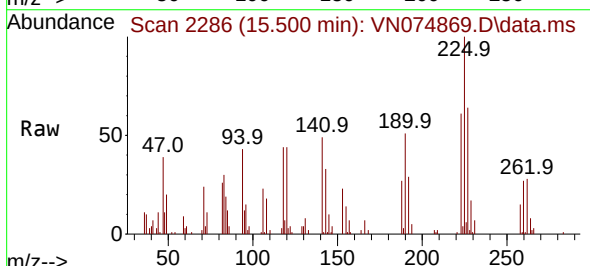
Delta R.T. 0.000 min

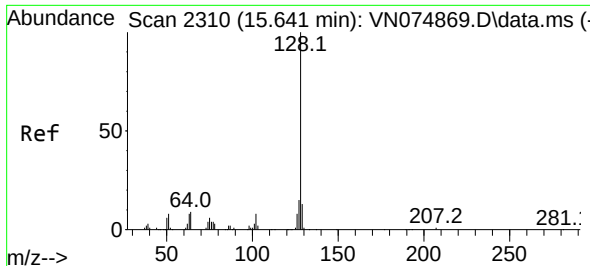
Lab File: VN074869.D

Acq: 12 Oct 2022 11:02

Tgt Ion:225 Resp: 49189

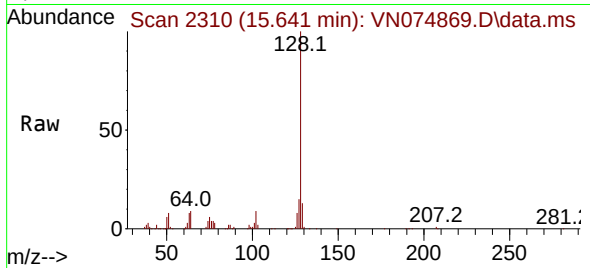
Ion	Ratio	Lower	Upper
225	100		
223	60.6	0.0	125.0
227	63.9	0.0	123.0





#91
Naphthalene
Concen: 18.265 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02

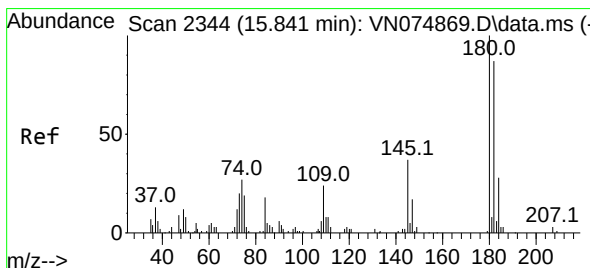
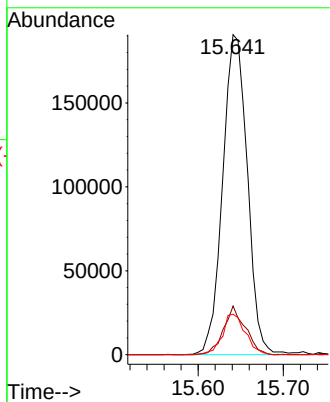
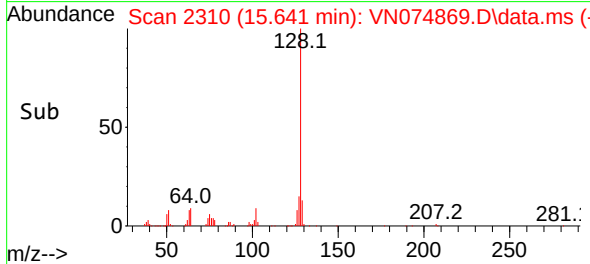
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



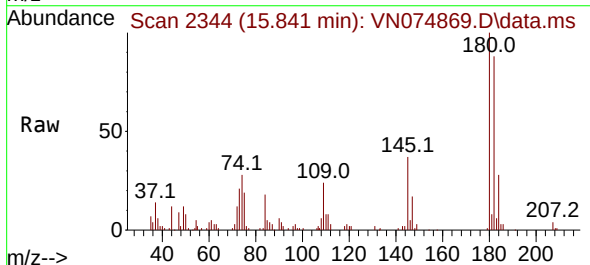
Tgt Ion:128 Resp: 382745
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.9 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#92
1,2,3-Trichlorobenzene
Concen: 19.381 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074869.D
Acq: 12 Oct 2022 11:02



Tgt Ion:180 Resp: 107072
Ion Ratio Lower Upper
180 100
182 92.4 0.0 185.4
145 31.2 0.0 68.6

