

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074868.D
 Acq On : 12 Oct 2022 10:38
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022

Quant Time: Oct 13 07:13:31 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	7.824	128	72774	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	418640	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	375413	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	217806	31.968	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.567%			
60) 4-Bromofluorobenzene	12.847	95	171579	25.772	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 85.900%			
63) Toluene-d8	10.571	98	658118	30.374	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.233%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	25131	6.219	ug/l	74
3) Chloromethane	2.377	50	42900	6.564	ug/l	96
4) Vinyl Chloride	2.530	62	58510	6.079	ug/l	95
5) Bromomethane	2.942	94	44116	5.781	ug/l	97
6) Chloroethane	3.112	64	44495m	5.802	ug/l	
7) Trichlorofluoromethane	3.501	101	44120	6.149	ug/l #	79
8) Diethyl Ether	3.983	74	18803m	5.618	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.383	101	26153	5.795	ug/l	64
10) 1,1-Dichloroethene	4.365	96	27943m	6.273	ug/l	
11) Methyl Iodide	4.606	142	31351m	5.661	ug/l	
12) Methyl Acetate	5.053	43	70463m	6.582	ug/l	
13) Acrolein	4.200	56	44987	29.743	ug/l	98
14) Acrylonitrile	5.753	53	110111	27.579	ug/l	96
15) Acetone	4.465	58	34601m	31.576	ug/l	
16) Carbon Disulfide	4.742	76	65216m	5.719	ug/l	
17) Allyl chloride	5.036	41	54515m	6.029	ug/l	
18) Methylene Chloride	5.295	84	34765	6.042	ug/l #	90
19) trans-1,2-Dichloroethene	5.800	96	27789m	5.700	ug/l	
20) Diisopropyl ether	6.694	45	114774	5.560	ug/l	93
21) 1,1-Dichloroethane	6.594	63	60013m	5.716	ug/l	
22) cis-1,2-Dichloroethene	7.494	96	34499	5.651	ug/l	96
23) tert-Butyl Alcohol	5.553	59	54616m	32.633	ug/l	
24) Methyl tert-Butyl Ether	5.812	73	104616m	5.640	ug/l	
25) Chloroform	7.977	83	61013	5.851	ug/l #	78
26) Cyclohexane	8.265	56	50273	5.450	ug/l #	98
29) 1,1-Dichloropropene	8.383	75	40108	5.310	ug/l	88
30) 2-Butanone	7.500	43	169310	28.092	ug/l	98
31) 2,2-Dichloropropane	7.518	77	51316m	5.556	ug/l	
32) 1,1,1-Trichloroethane	8.171	97	46718	5.157	ug/l #	90
33) Carbon Tetrachloride	8.365	117	37165m	4.988	ug/l	
34) Benzene	8.612	78	136802	5.479	ug/l #	90
35) Methacrylonitrile	7.789	41	34730m	5.607	ug/l	
36) 1,2-Dichloroethane	8.683	62	43416	5.222	ug/l	98
37) Trichloroethene	9.359	130	28041	5.400	ug/l	97
38) Methylcyclohexane	9.606	83	46070	5.020	ug/l	90
39) 1,2-Dichloropropane	9.630	63	33558	5.185	ug/l	97
40) Dibromomethane	9.718	93	24164	5.634	ug/l	98
41) Bromodichloromethane	9.894	83	42423	5.079	ug/l	93
42) Vinyl Acetate	6.624	43	469935m	26.697	ug/l	

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Instrument :
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 VSTDIC005

Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	64857m	5.485	ug/l	
44) Isopropyl Acetate	8.700	43	96852	5.345	ug/l	97
45) 1,4-Dioxane	9.706	88	17275	103.966	ug/l #	65
46) Methyl methacrylate	9.688	41	38748	4.937	ug/l	97
47) n-amyl Acetate	12.500	43	70789	4.465	ug/l	95
48) t-1,3-Dichloropropene	10.835	75	45478m	4.730	ug/l	
49) cis-1,3-Dichloropropene	10.312	75	52981	5.213	ug/l	95
50) 1,1,2-Trichloroethane	11.024	97	35973	5.699	ug/l	97
51) Ethyl methacrylate	10.882	69	55349	5.157	ug/l	80
52) 1,3-Dichloropropane	11.171	76	56250	5.163	ug/l	93
53) Dibromochloromethane	11.359	129	28303	4.577	ug/l	96
54) 1,2-Dibromoethane	11.476	107	30091	4.962	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	117880	28.078	ug/l	98
56) Bromoform	12.576	173	19446	4.364	ug/l #	74
58) 4-Methyl-2-Pentanone	10.447	43	308361	26.411	ug/l	97
59) 2-Hexanone	11.200	43	232059	25.826	ug/l	96
61) Tetrachloroethene	11.112	164	22915	5.726	ug/l #	71
62) Toluene	10.635	91	136275	5.254	ug/l	96
64) Chlorobenzene	11.894	112	74801	5.074	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	29802	5.367	ug/l	97
66) Ethyl Benzene	11.965	91	139427	4.944	ug/l	99
67) m/p-Xylenes	12.076	106	99485	9.390	ug/l	98
68) o-Xylene	12.400	106	52050	4.833	ug/l	98
69) Styrene	12.418	104	78031	4.427	ug/l	97
70) Isopropylbenzene	12.700	105	124830	4.494	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	56466	5.434	ug/l #	96
72) 1,2,3-Trichloropropane	12.994	75	40364m	4.777	ug/l	
73) Bromobenzene	12.976	156	28141	4.835	ug/l	96
74) n-propylbenzene	13.035	91	140395	4.335	ug/l	99
75) 2-Chlorotoluene	13.123	91	86796	4.581	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	99190	4.394	ug/l	93
77) t-1,4-Dichloro-2-butene	12.735	75	17356	4.786	ug/l	81
78) 4-Chlorotoluene	13.223	91	77708	4.167	ug/l	95
79) tert-butylbenzene	13.441	119	96538	4.808	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	99147	4.365	ug/l	92
81) sec-Butylbenzene	13.618	105	123136	4.267	ug/l	98
82) p-Isopropyltoluene	13.729	119	91506	3.991	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	50796	4.472	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	47125	4.320	ug/l	96
85) n-Butylbenzene	14.059	91	74862	3.699	ug/l	98
86) Hexachloroethane	14.329	117	19893	4.430	ug/l	95
87) 1,2-Dichlorobenzene	14.112	146	46659	4.138	ug/l	93
88) 1,2-Dibromo-3-Chloropr...	14.723	75	10550	5.031	ug/l	86
89) 1,2,4-Trichlorobenzene	15.394	180	20534	3.987	ug/l #	88
90) Hexachlorobutadiene	15.500	225	13098	5.216	ug/l	82
91) Naphthalene	15.647	128	77432	3.789	ug/l #	90
92) 1,2,3-Trichlorobenzene	15.841	180	24114	4.476	ug/l	83

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

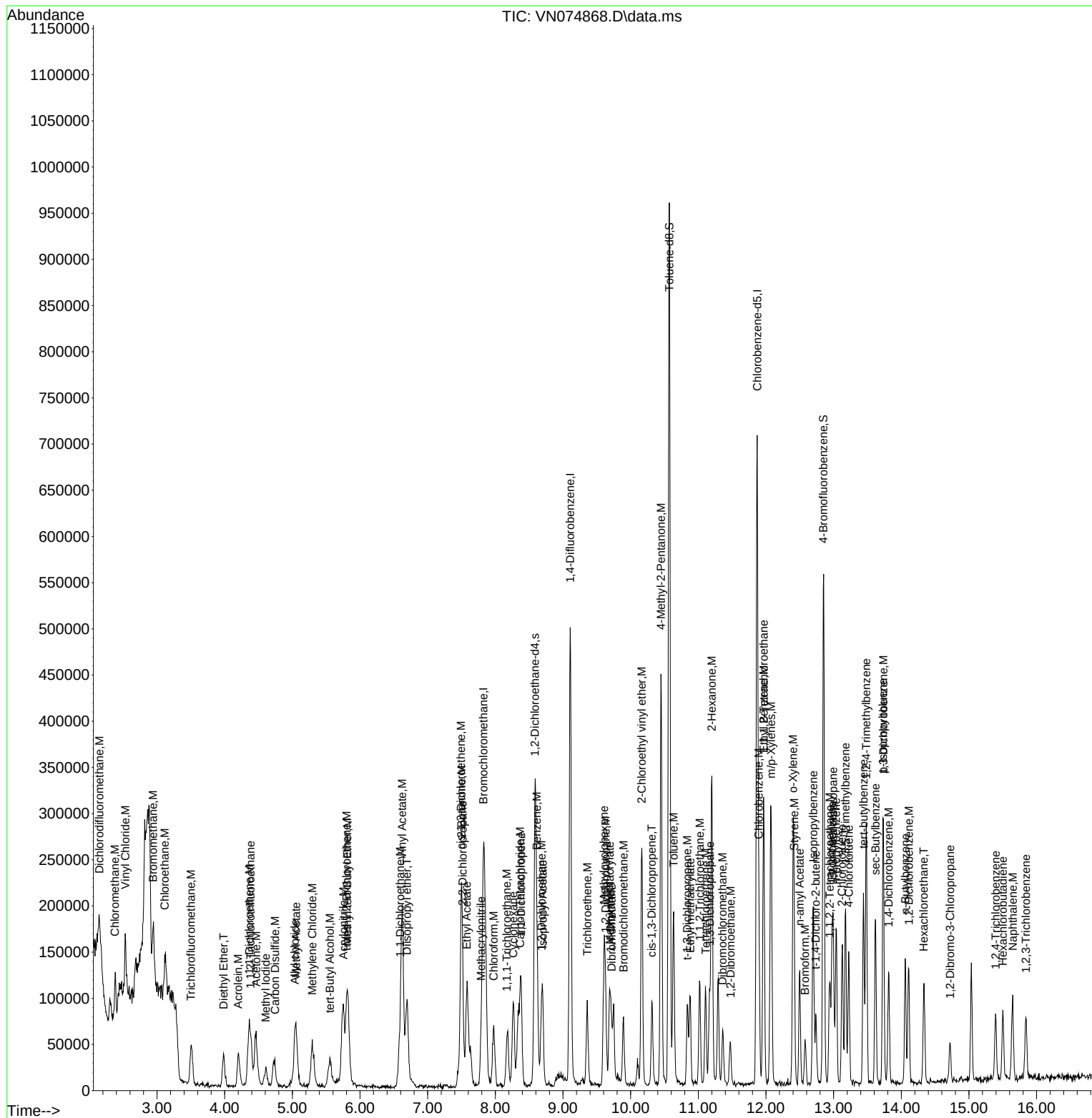
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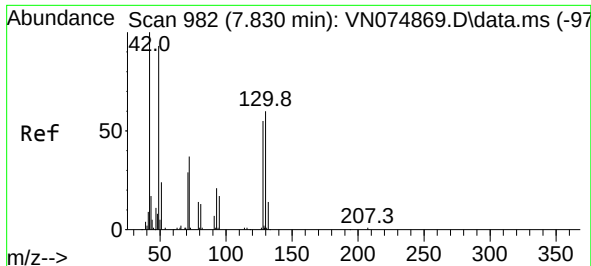
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/14/2022
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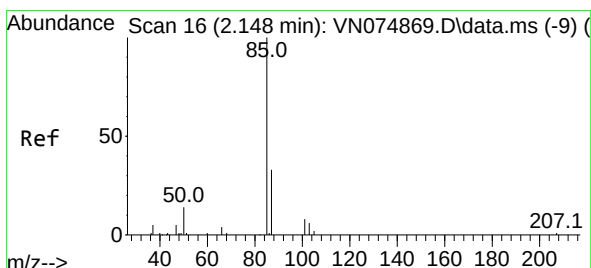
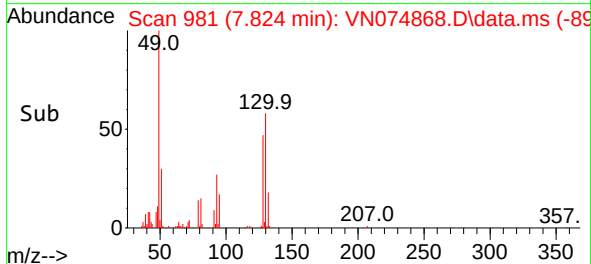
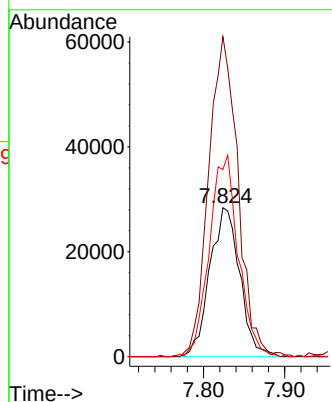
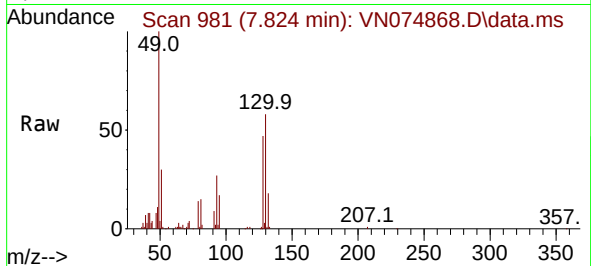
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 72774
Ion Ratio Lower Upper
128 100
49 209.6 0.0 492.0
130 130.5 0.0 313.3

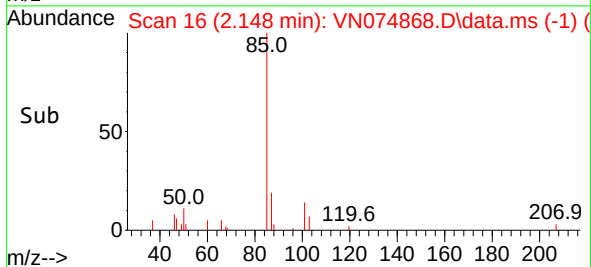
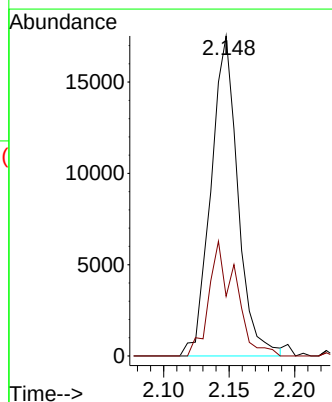
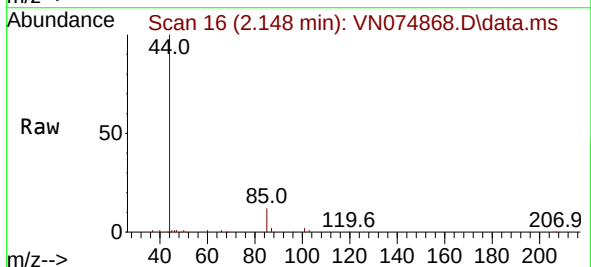
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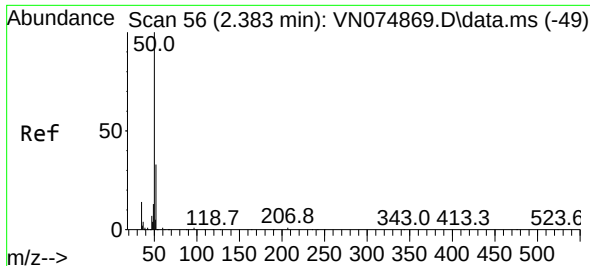
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#2
Dichlorodifluoromethane
Concen: 6.219 ug/l
RT: 2.148 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion: 85 Resp: 25131
Ion Ratio Lower Upper
85 100
87 18.7 16.7 50.1





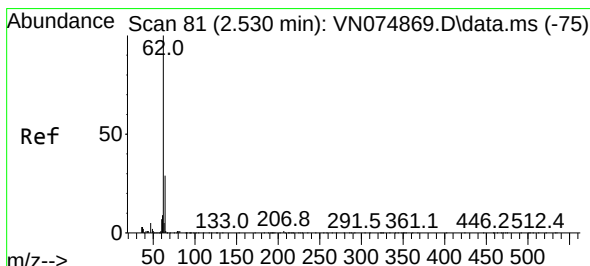
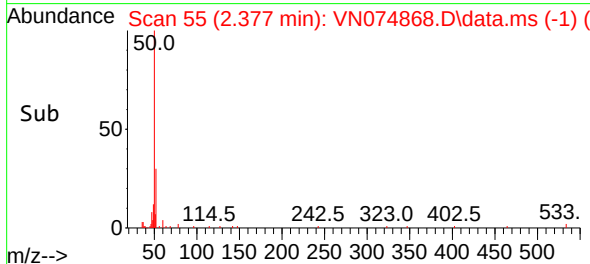
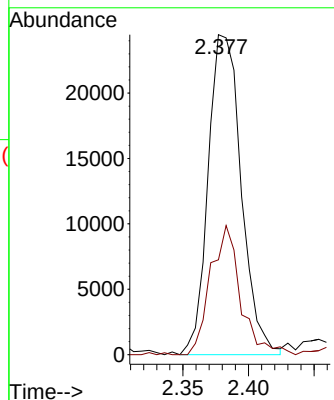
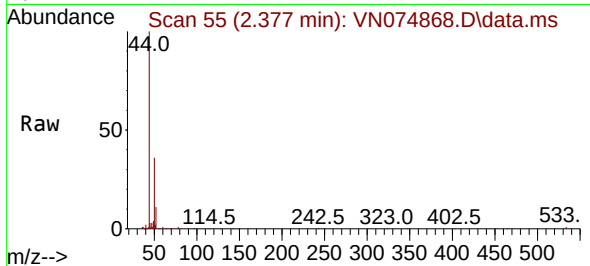
#3
Chloromethane
Concen: 6.564 ug/l
RT: 2.377 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 42900
Ion Ratio Lower Upper
50 100
52 29.6 25.5 38.3

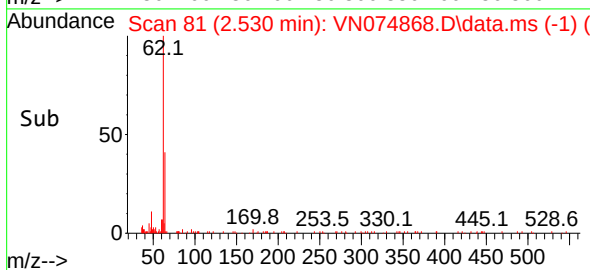
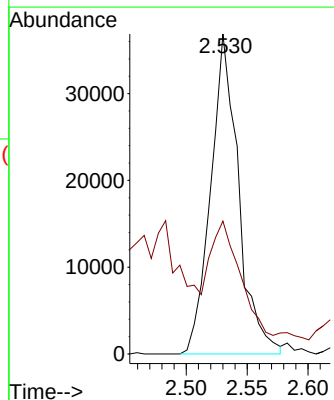
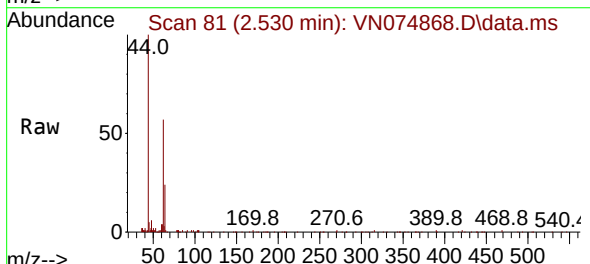
Manual Integrations
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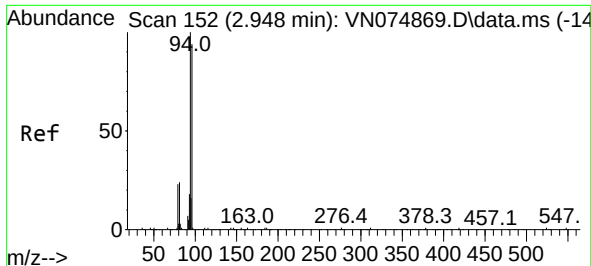
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#4
Vinyl Chloride
Concen: 6.079 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

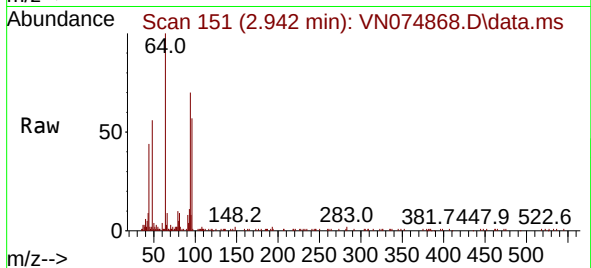
Tgt Ion: 62 Resp: 58510
Ion Ratio Lower Upper
62 100
64 35.0 25.6 38.4





#5
Bromomethane
Concen: 5.781 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

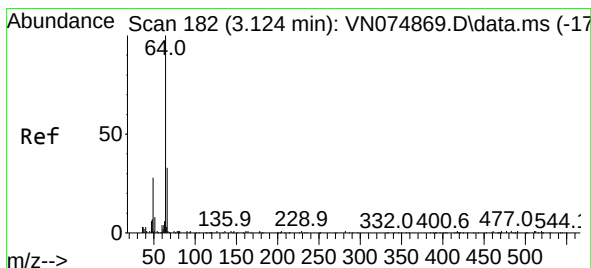
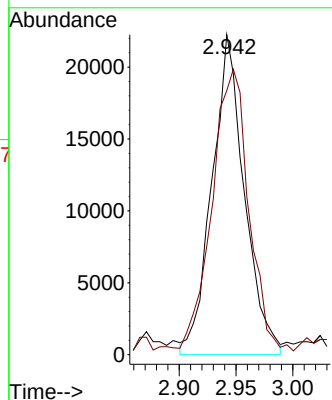
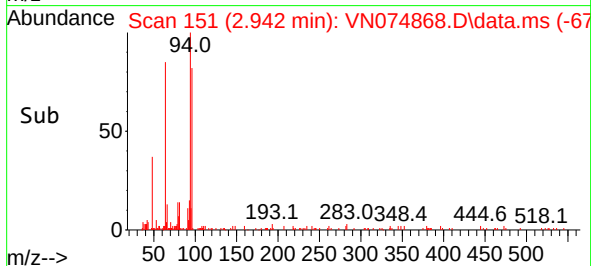
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



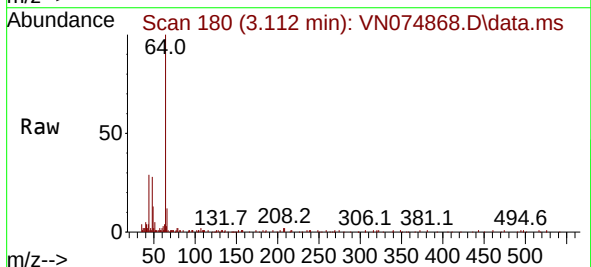
Tgt Ion: 94 Resp: 44110
Ion Ratio Lower Upper
94 100
96 83.1 68.3 102.5

Manual Integrations
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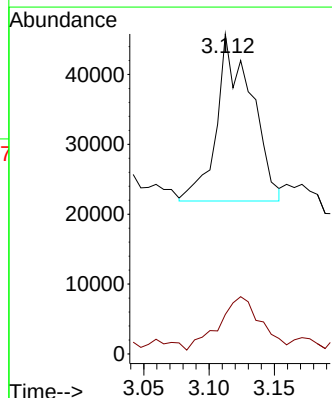
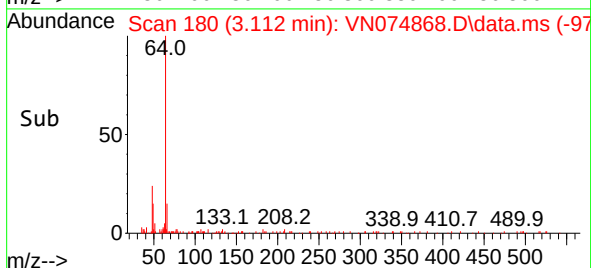
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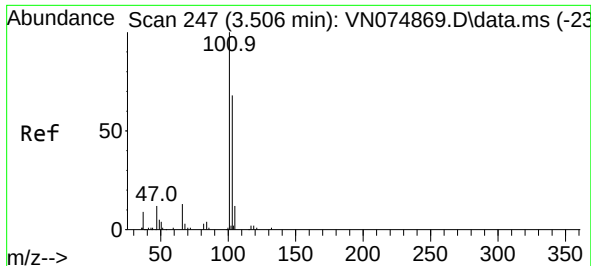


#6
Chloroethane
Concen: 5.802 ug/l m
RT: 3.112 min Scan# 180
Delta R.T. -0.012 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38



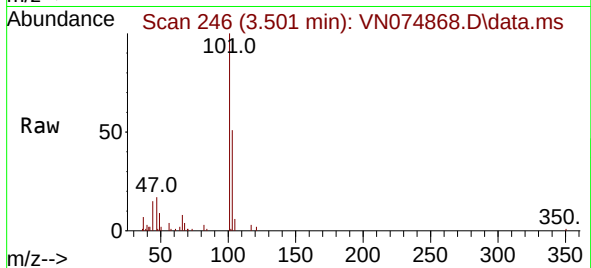
Tgt Ion: 64 Resp: 44495
Ion Ratio Lower Upper
64 100
66 12.4 21.8 32.8





#7
 Trichlorofluoromethane
 Concen: 6.149 ug/l
 RT: 3.501 min Scan# 247
 Delta R.T. -0.006 min
 Lab File: VN074868.D
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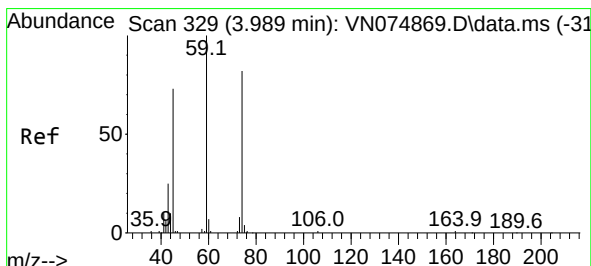
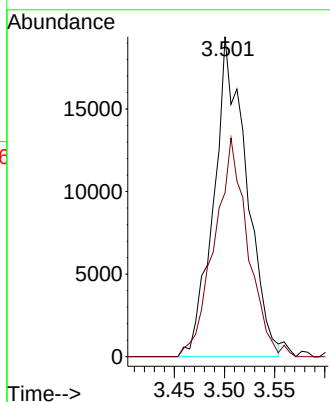
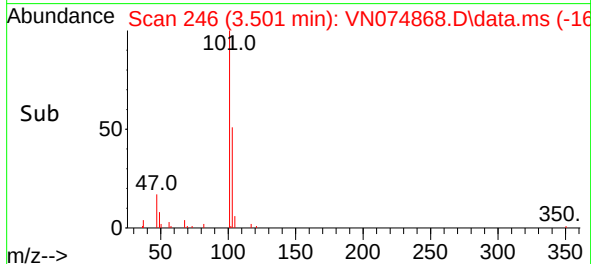
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 44120
 Ion Ratio Lower Upper
 101 100
 103 51.3 54.8 82.2

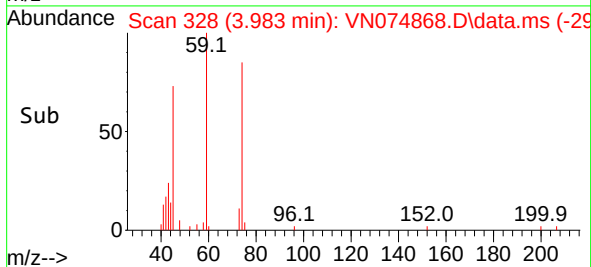
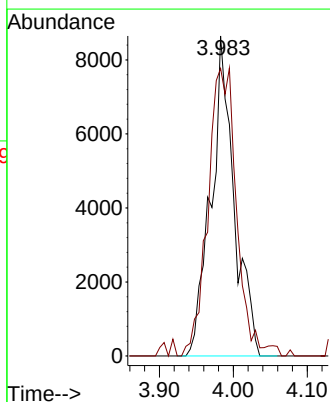
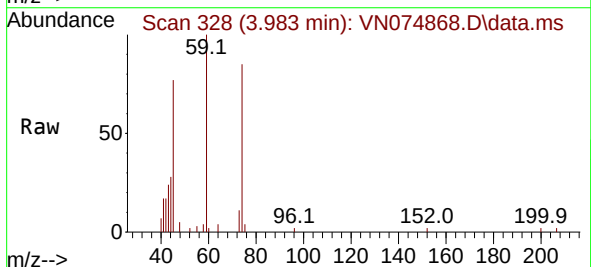
Manual Integrations
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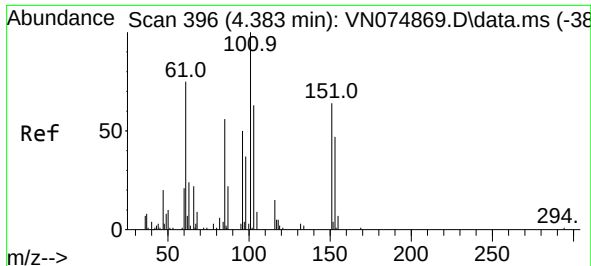
Reviewed By :Krupa Patel 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#8
 Diethyl Ether
 Concen: 5.618 ug/l m
 RT: 3.983 min Scan# 328
 Delta R.T. -0.006 min
 Lab File: VN074868.D
 Acq: 12 Oct 2022 10:38

Tgt Ion: 74 Resp: 18803
 Ion Ratio Lower Upper
 74 100
 45 70.5 19.0 171.0





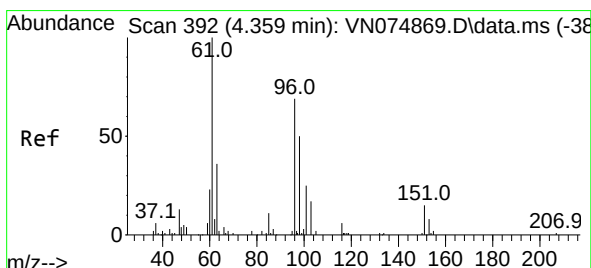
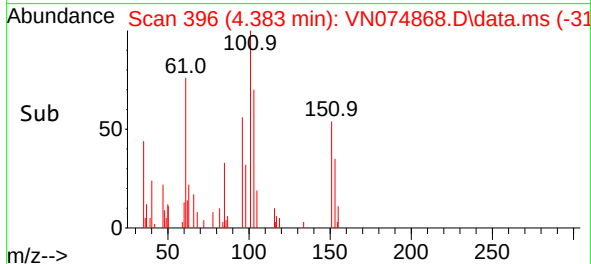
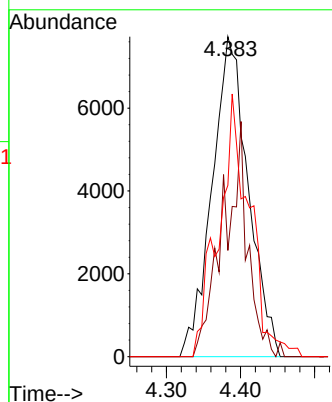
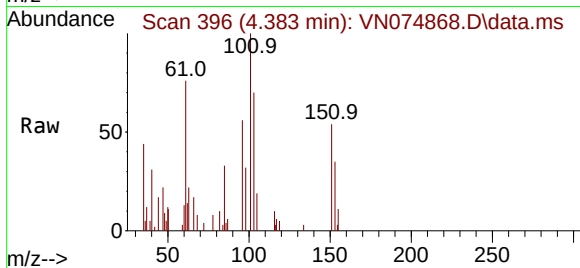
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.795 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
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Tgt Ion:101 Resp: 2615
Ion Ratio Lower Upper
101 100
85 9.4 0.0 94.6
151 54.2 0.0 144.8

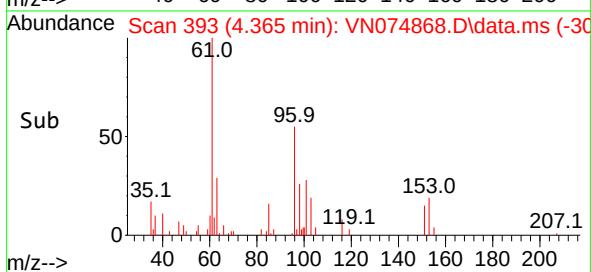
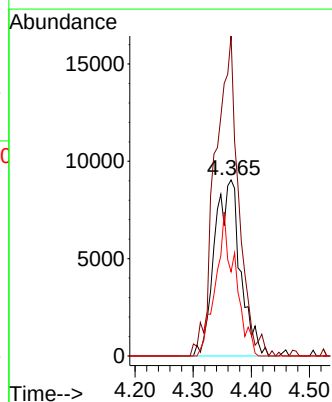
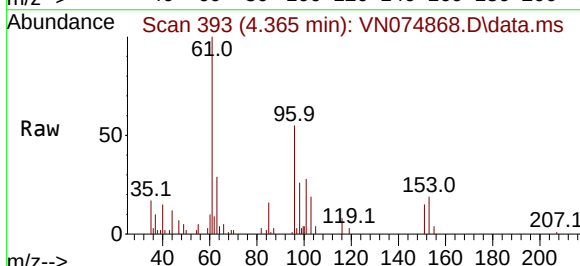
Manual Integrations
APPROVED

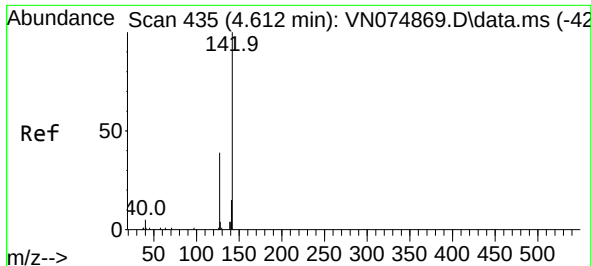
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#10
1,1-Dichloroethene
Concen: 6.273 ug/l m
RT: 4.365 min Scan# 393
Delta R.T. 0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

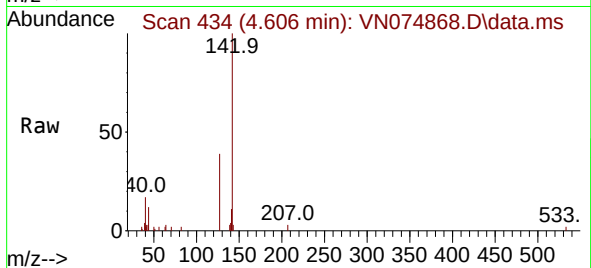
Tgt Ion: 96 Resp: 27943
Ion Ratio Lower Upper
96 100
61 181.8 125.5 188.3
98 47.8 45.0 67.4





#11
Methyl Iodide
Concen: 5.661 ug/l m
RT: 4.606 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

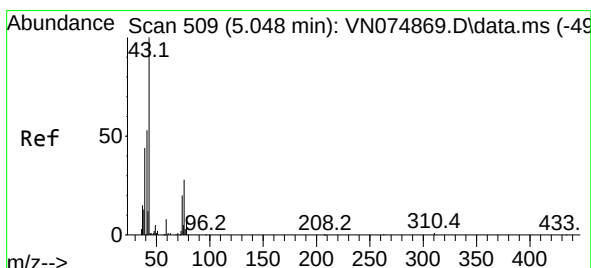
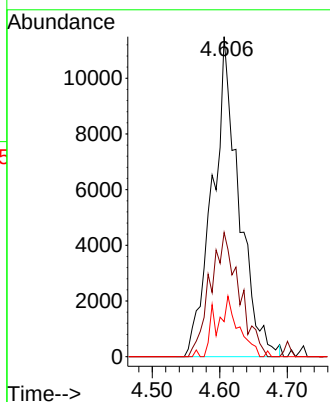
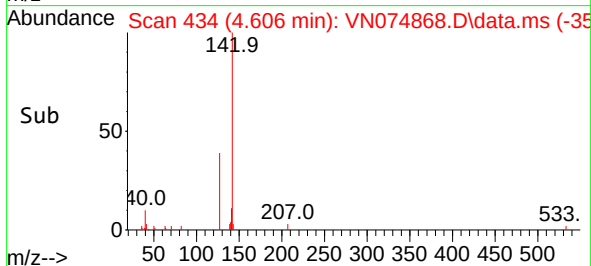
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:142 Resp: 3135
Ion Ratio Lower Upper
142 100
127 38.8 19.3 57.8
141 11.0 7.7 23.1

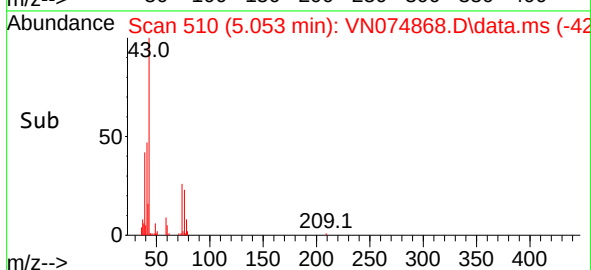
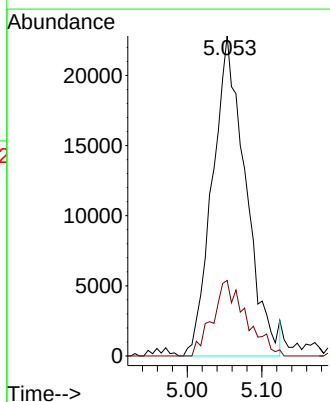
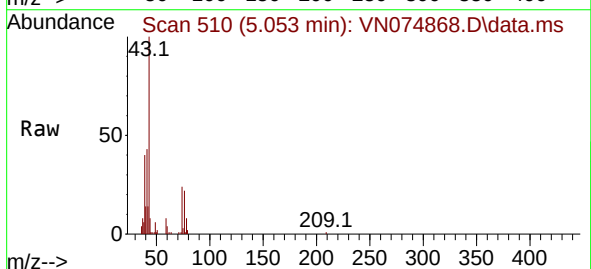
Manual Integrations
APPROVED

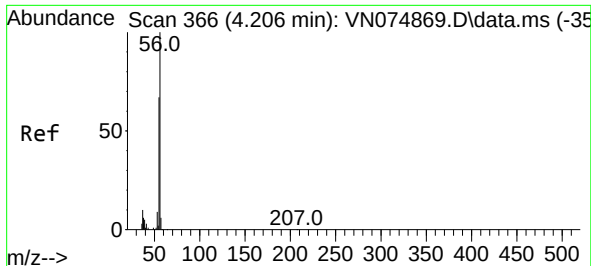
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
Methyl Acetate
Concen: 6.582 ug/l m
RT: 5.053 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

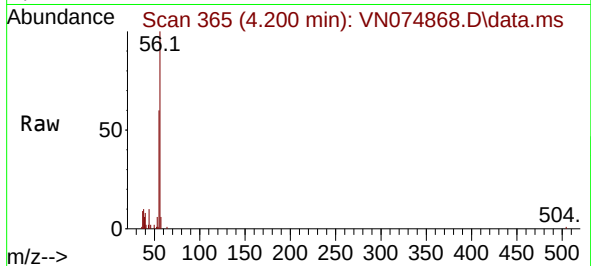
Tgt Ion: 43 Resp: 70463
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.6





#13
Acrolein
Concen: 29.743 ug/l
RT: 4.200 min Scan# 366
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

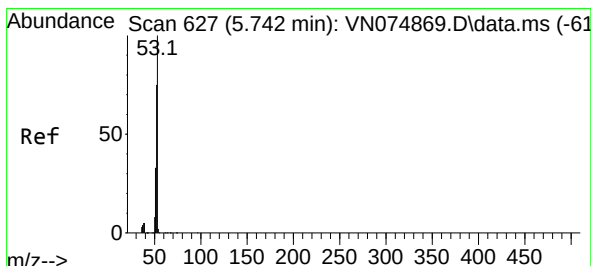
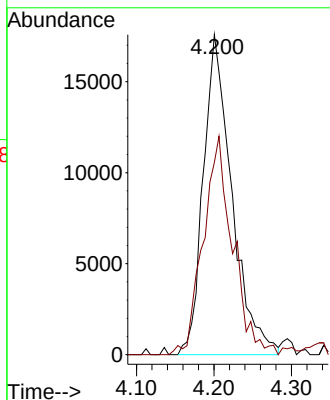
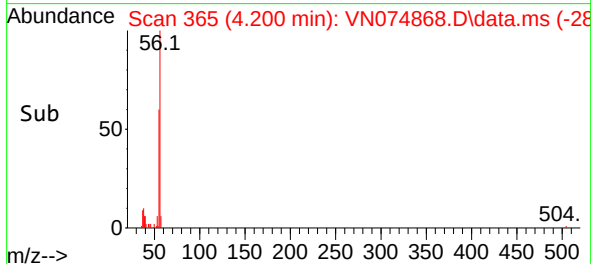
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 4498
Ion Ratio Lower Upper
56 100
55 68.9 56.2 84.2

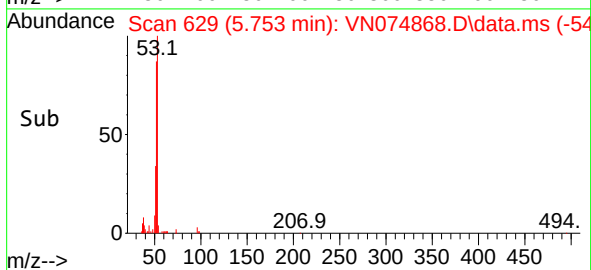
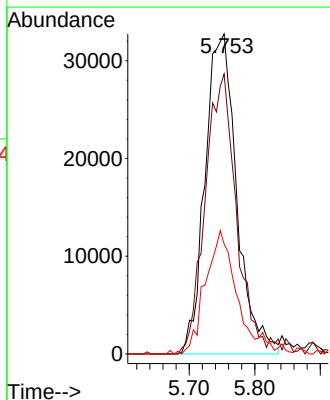
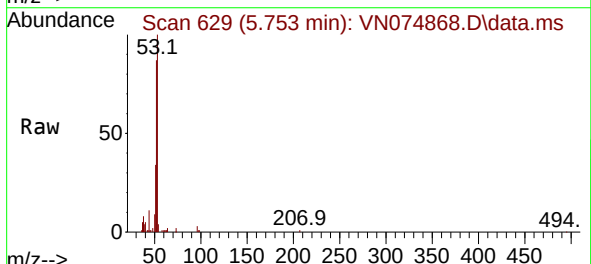
Manual Integrations
APPROVED

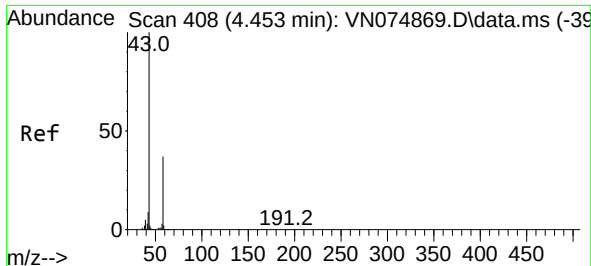
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#14
Acrylonitrile
Concen: 27.579 ug/l
RT: 5.753 min Scan# 629
Delta R.T. 0.012 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion: 53 Resp: 110111
Ion Ratio Lower Upper
53 100
52 85.0 40.8 122.4
51 35.9 17.0 51.0





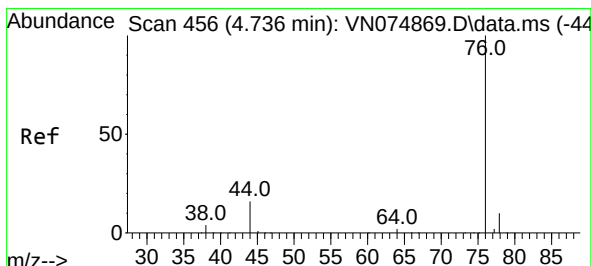
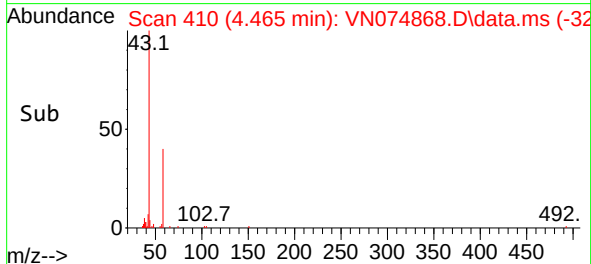
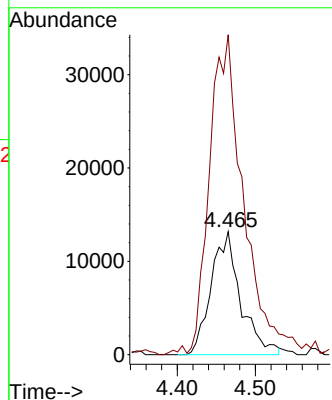
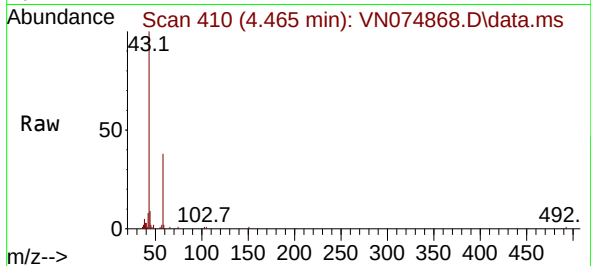
#15
Acetone
Concen: 31.576 ug/l m
RT: 4.465 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 58 Resp: 3460
Ion Ratio Lower Upper
58 100
43 260.1 232.2 348.4

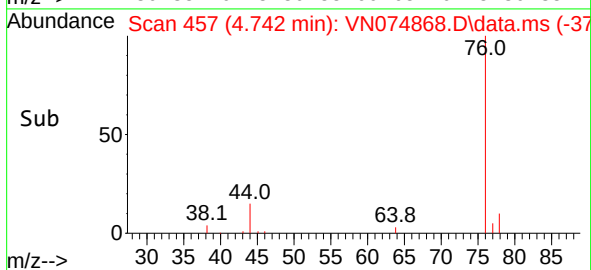
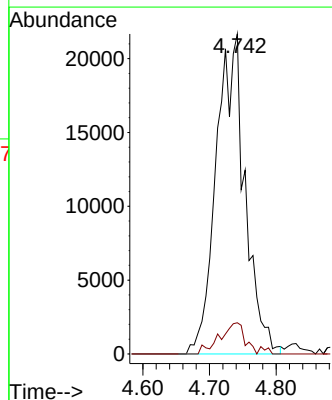
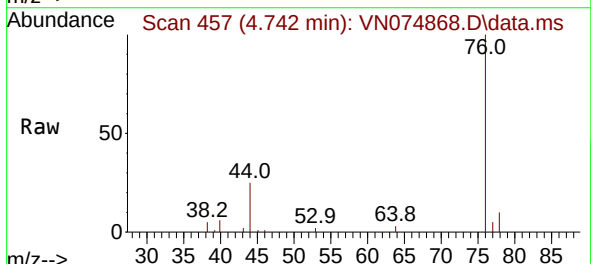
Manual Integrations
APPROVED

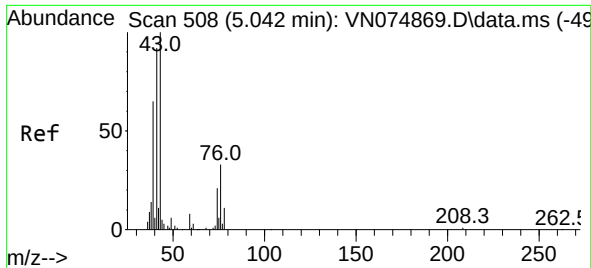
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#16
Carbon Disulfide
Concen: 5.719 ug/l m
RT: 4.742 min Scan# 457
Delta R.T. 0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion: 76 Resp: 65216
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8





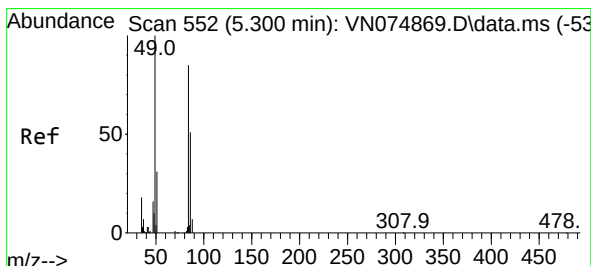
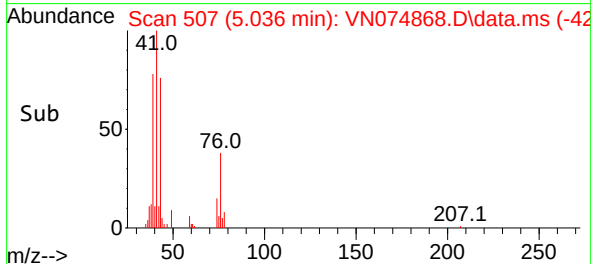
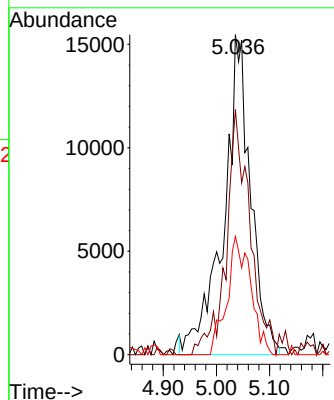
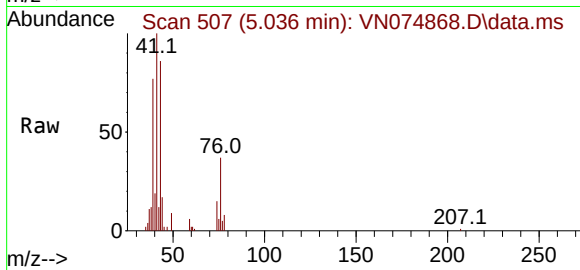
#17
 Allyl chloride
 Concen: 6.029 ug/l m
 RT: 5.036 min Scan# 508
 Delta R.T. -0.006 min
 Lab File: VN074868.D
 Acq: 12 Oct 2022 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 41 Resp: 5451
 Ion Ratio Lower Upper
 41 100
 39 76.6 39.1 117.5
 76 36.9 19.8 59.4

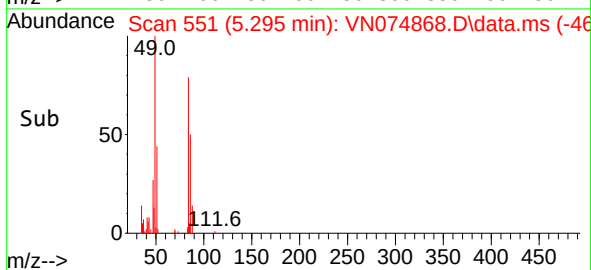
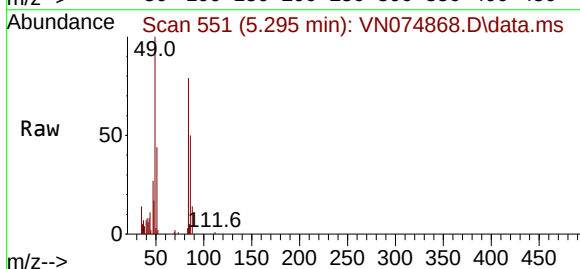
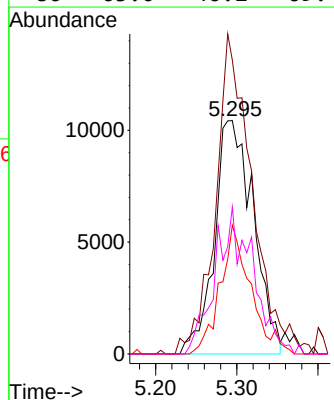
Manual Integrations
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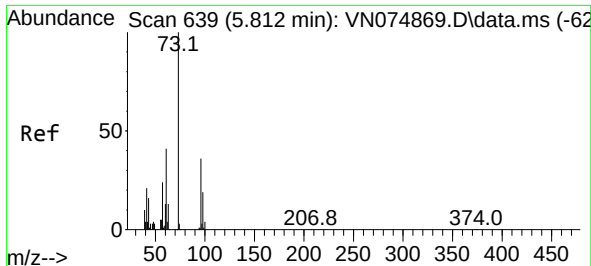
Reviewed By :Krupa Patel 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#18
 Methylene Chloride
 Concen: 6.042 ug/l
 RT: 5.295 min Scan# 551
 Delta R.T. -0.006 min
 Lab File: VN074868.D
 Acq: 12 Oct 2022 10:38

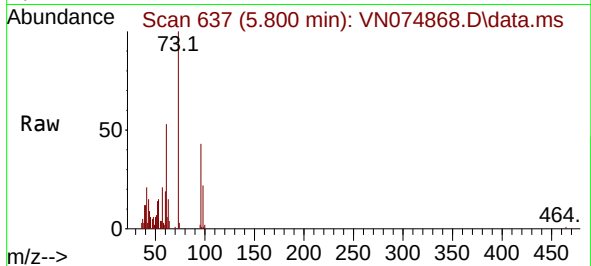
Tgt Ion: 84 Resp: 34765
 Ion Ratio Lower Upper
 84 100
 49 119.1 99.6 149.4
 51 55.2 28.2 42.2#
 86 63.0 46.2 69.4





#19
trans-1,2-Dichloroethene
Concen: 5.700 ug/l m
RT: 5.800 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

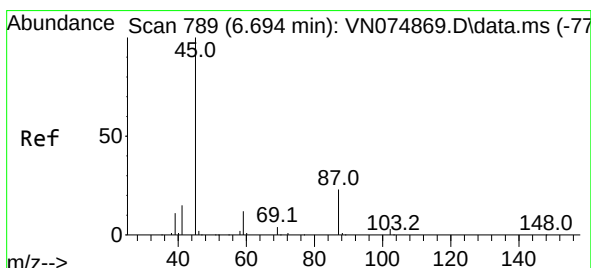
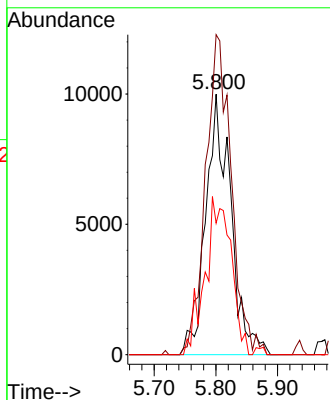
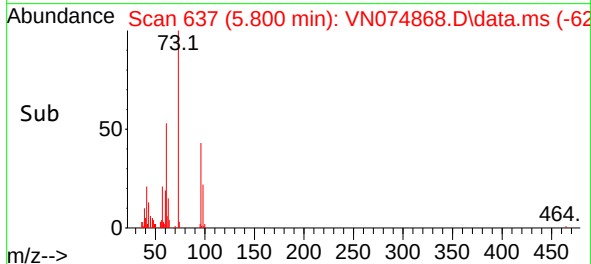
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 27789
Ion Ratio Lower Upper
96 100
61 122.9 110.2 165.4
98 50.5 50.0 75.0

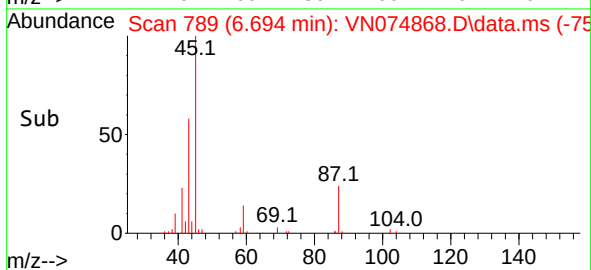
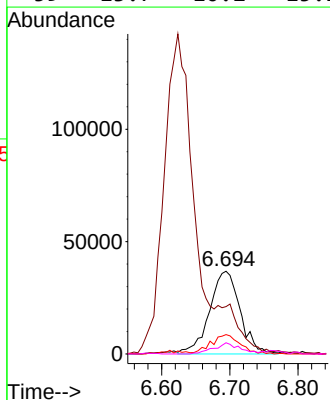
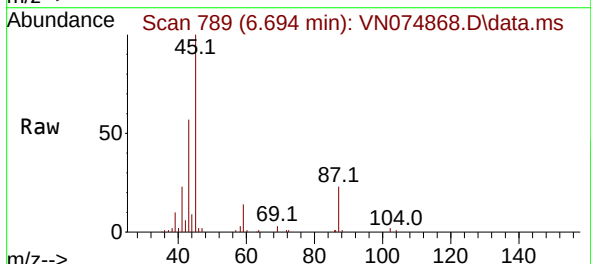
Manual Integrations
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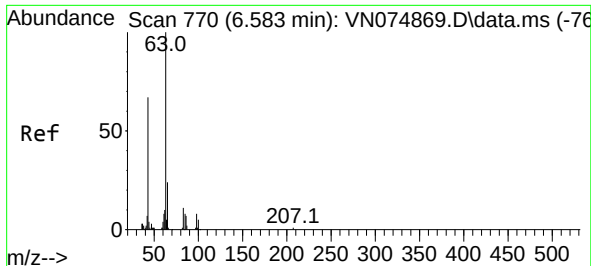
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Diisopropyl ether
Concen: 5.560 ug/l
RT: 6.694 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion: 45 Resp: 114774
Ion Ratio Lower Upper
45 100
43 54.0 47.3 70.9
87 23.0 21.8 32.8
59 13.7 10.2 15.2





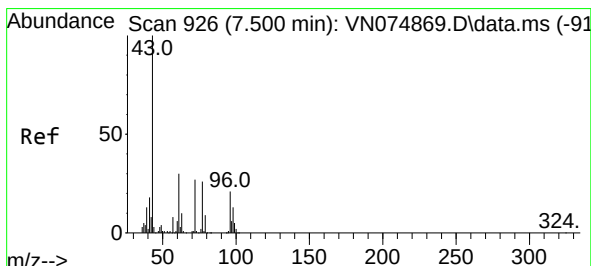
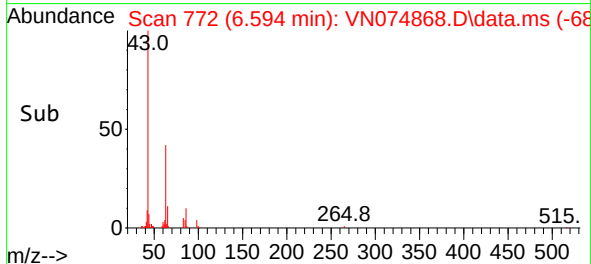
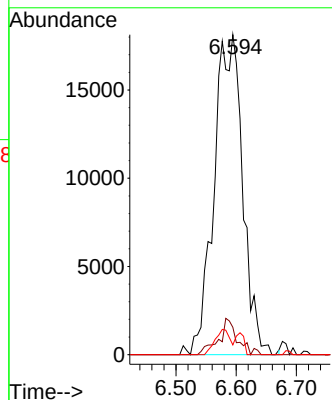
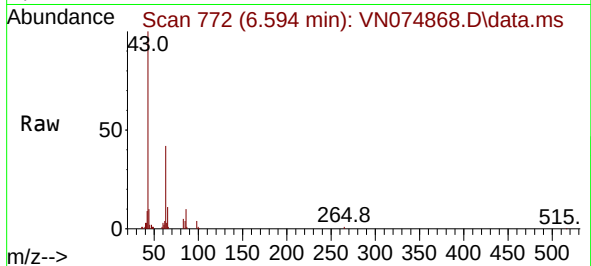
#21
1,1-Dichloroethane
Concen: 5.716 ug/l m
RT: 6.594 min Scan# 770
Delta R.T. 0.012 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 6001
Ion Ratio Lower Upper
63 100
98 8.6 3.3 9.9
100 1.8 2.2 6.6

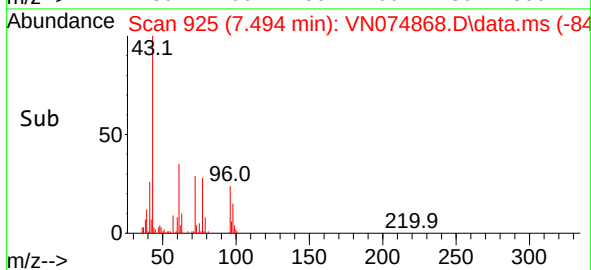
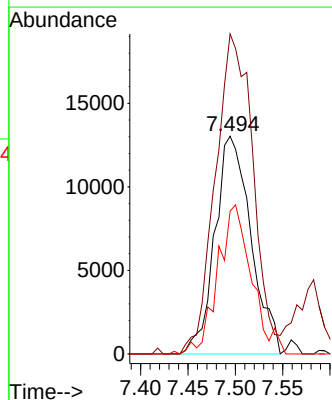
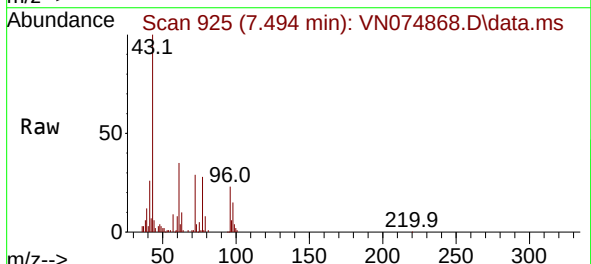
Manual Integrations
APPROVED

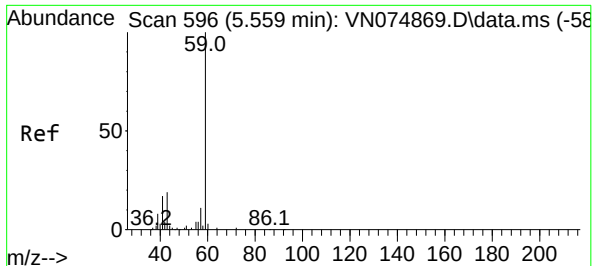
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#22
cis-1,2-Dichloroethene
Concen: 5.651 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion: 96 Resp: 34499
Ion Ratio Lower Upper
96 100
61 153.1 118.8 178.2
98 60.4 52.1 78.1





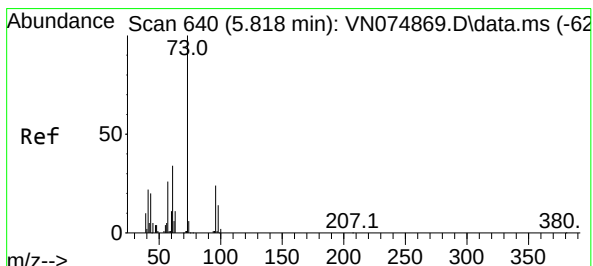
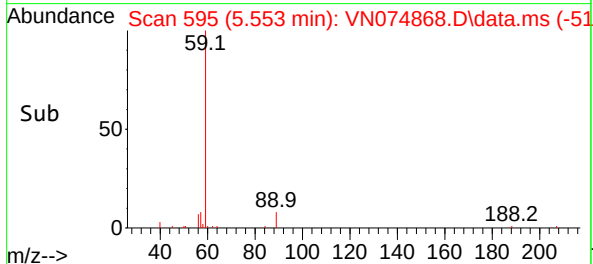
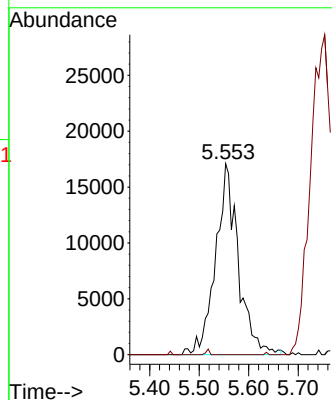
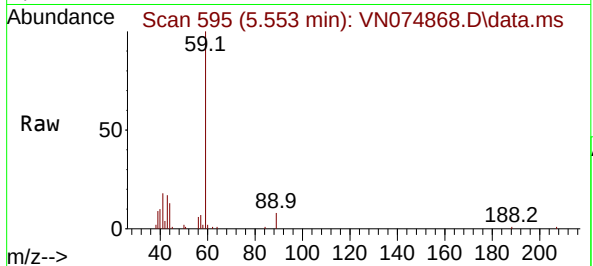
#23
tert-Butyl Alcohol
Concen: 32.633 ug/l m
RT: 5.553 min Scan# 596
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 54610
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

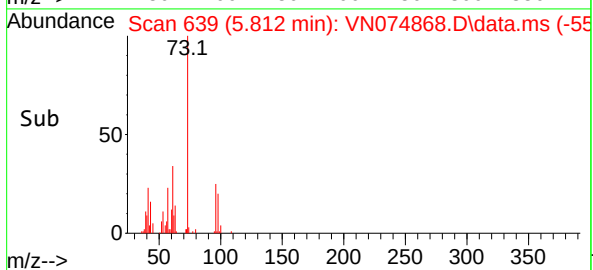
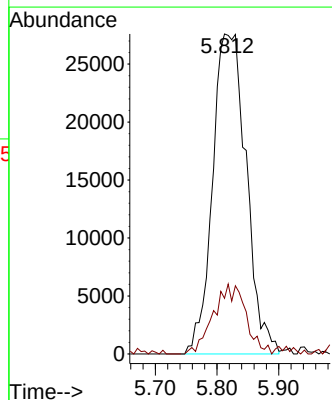
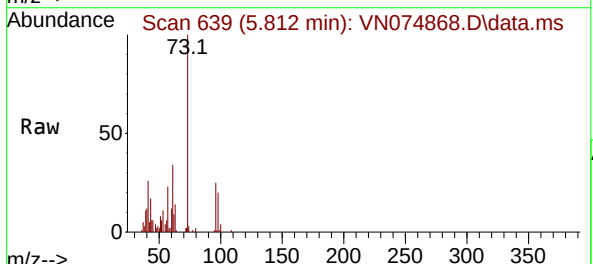
Manual Integrations
APPROVED

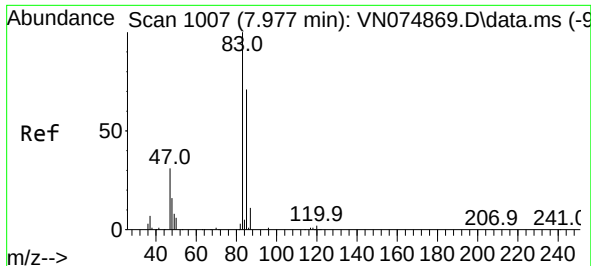
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#24
Methyl tert-Butyl Ether
Concen: 5.640 ug/l m
RT: 5.812 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

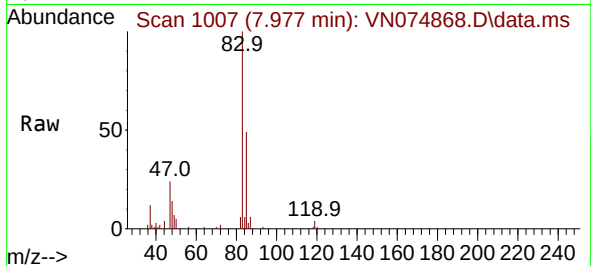
Tgt Ion: 73 Resp: 104616
Ion Ratio Lower Upper
73 100
43 11.5 15.6 23.4





#25
Chloroform
Concen: 5.851 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

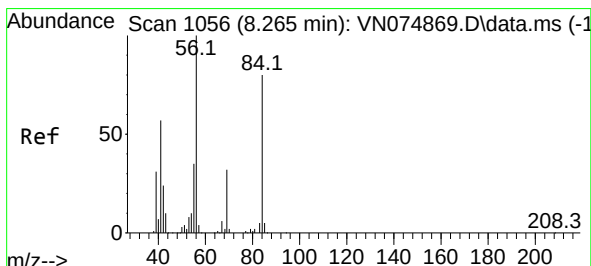
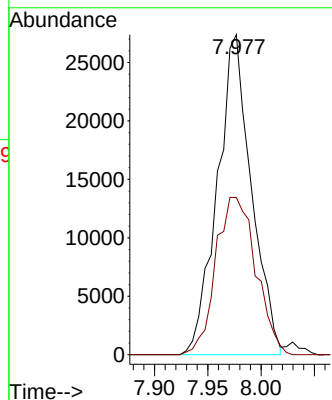
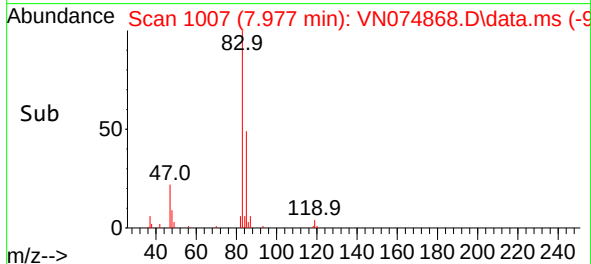
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 6101
Ion Ratio Lower Upper
83 100
85 49.1 53.6 80.4

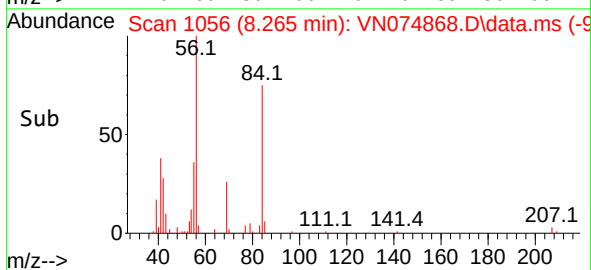
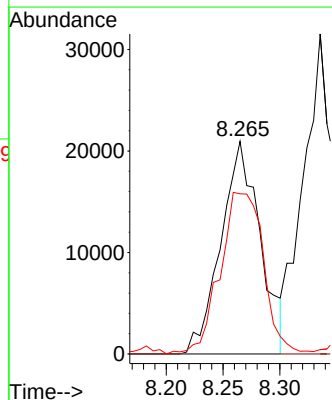
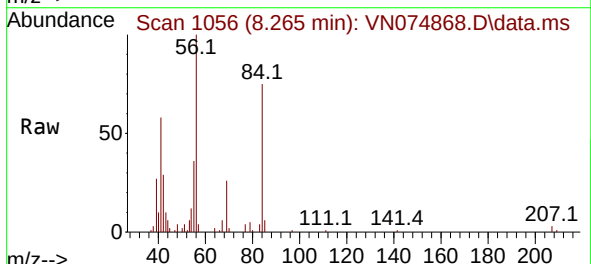
Manual Integrations
APPROVED

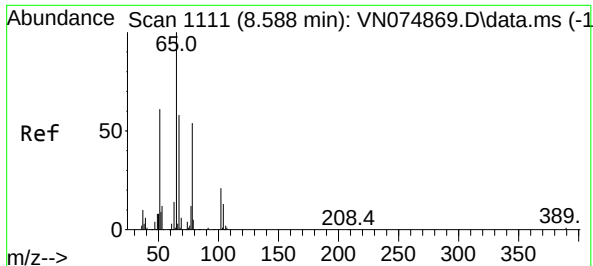
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#26
Cyclohexane
Concen: 5.450 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion: 56 Resp: 50273
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.0 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 31.968 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 217800

Ion Ratio Lower Upper

65 100

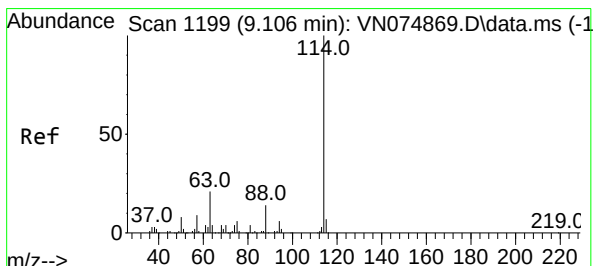
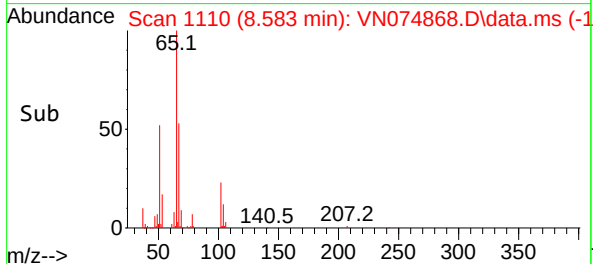
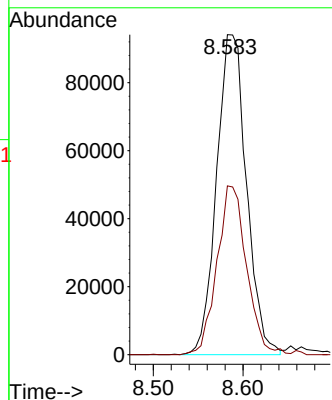
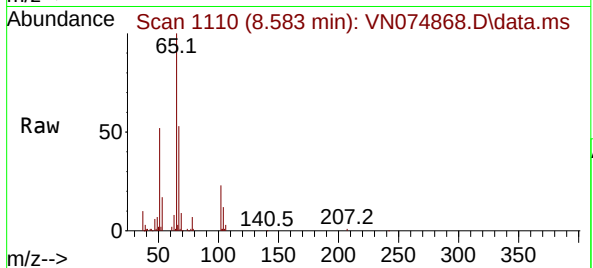
67 51.8 45.2 67.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/14/2022

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: VN074868.D

Acq: 12 Oct 2022 10:38

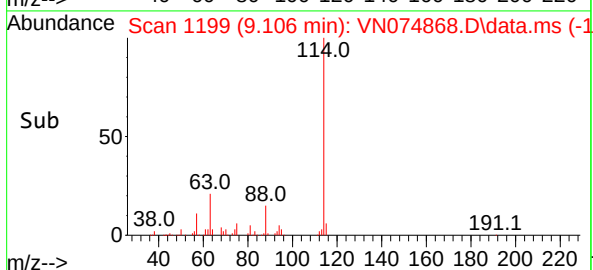
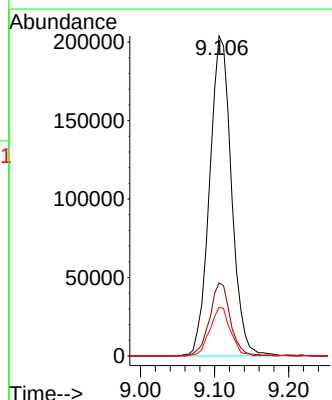
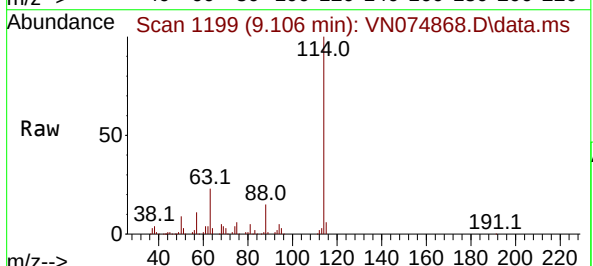
Tgt Ion:114 Resp: 418640

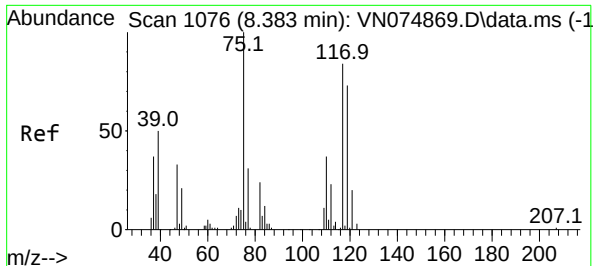
Ion Ratio Lower Upper

114 100

63 21.4 16.6 25.0

88 14.1 12.2 18.4





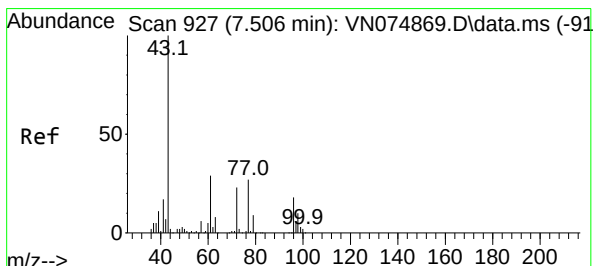
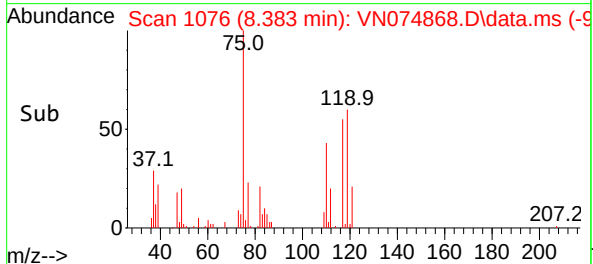
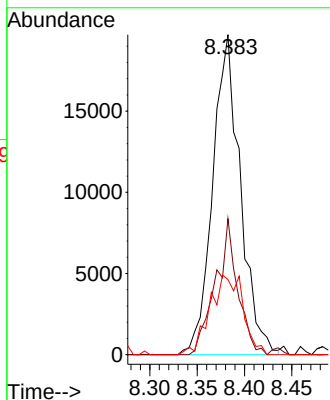
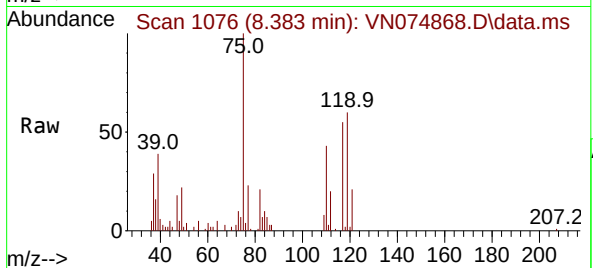
#29
1,1-Dichloropropene
Concen: 5.310 ug/l
RT: 8.383 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 40108
Ion Ratio Lower Upper
75 100
110 34.1 0.0 72.2
77 19.7 0.0 64.0

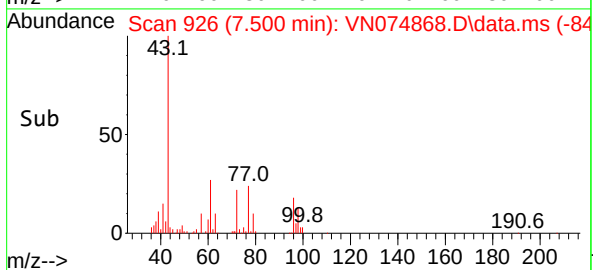
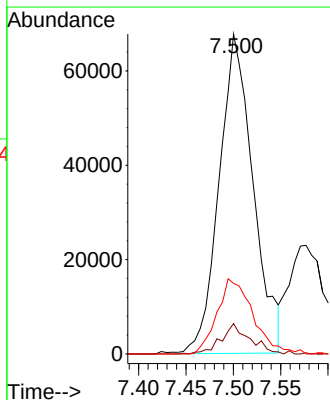
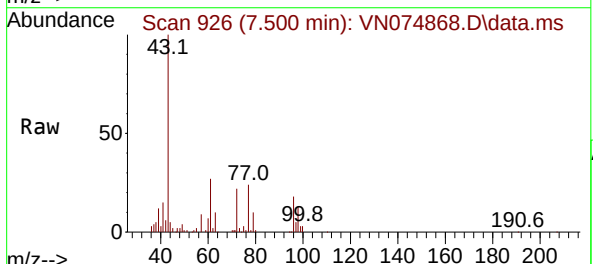
Manual Integrations
APPROVED

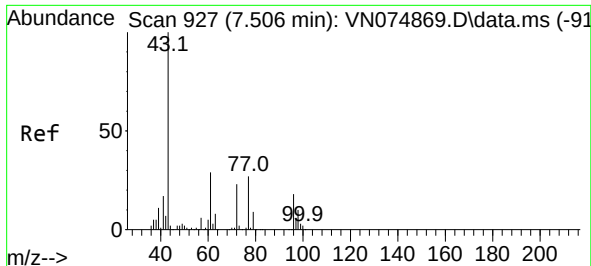
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#30
2-Butanone
Concen: 28.092 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion: 43 Resp: 169310
Ion Ratio Lower Upper
43 100
57 7.9 6.3 9.5
72 24.6 21.0 31.4





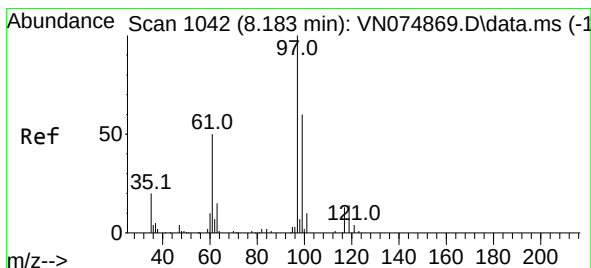
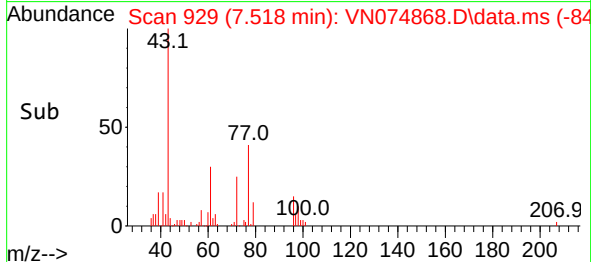
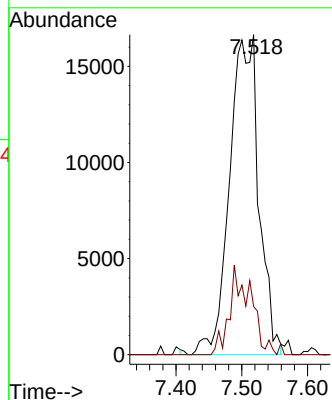
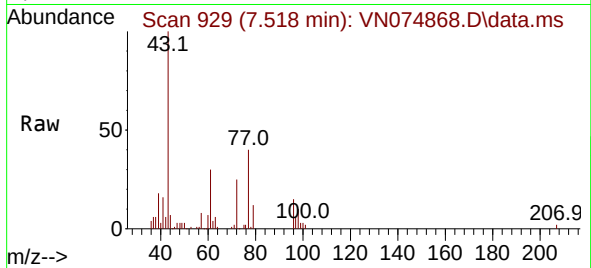
#31
2,2-Dichloropropane
Concen: 5.556 ug/l m
RT: 7.518 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 51310
Ion Ratio Lower Upper
77 100
97 10.7 18.4 27.6

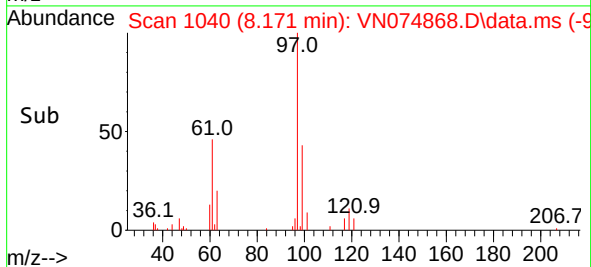
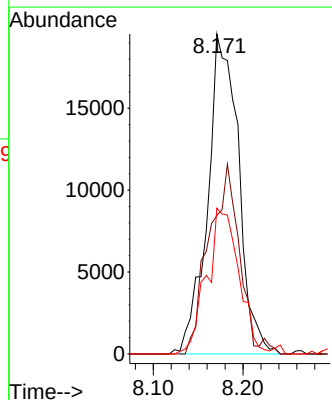
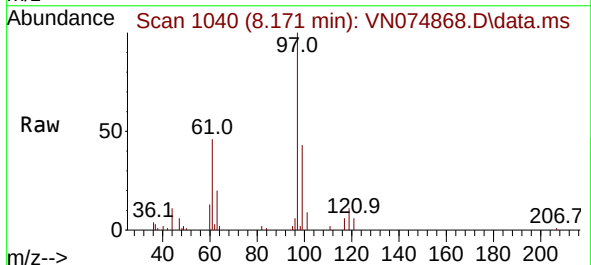
Manual Integrations
APPROVED

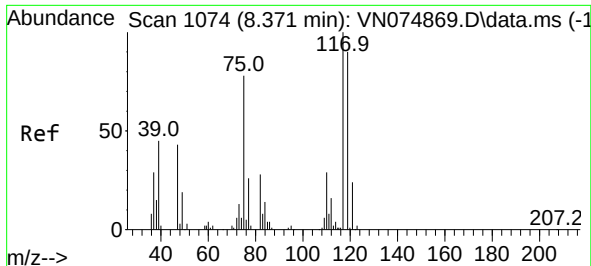
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#32
1,1,1-Trichloroethane
Concen: 5.157 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

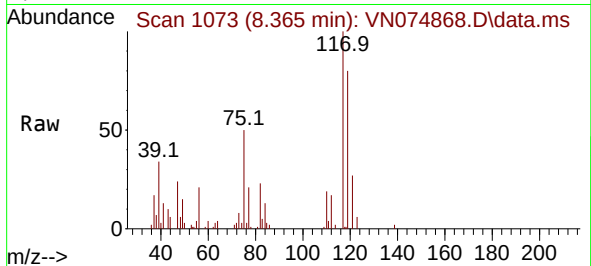
Tgt Ion: 97 Resp: 46718
Ion Ratio Lower Upper
97 100
99 57.5 50.0 75.0
61 35.1 36.1 54.1





#33
Carbon Tetrachloride
Concen: 4.988 ug/l m
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

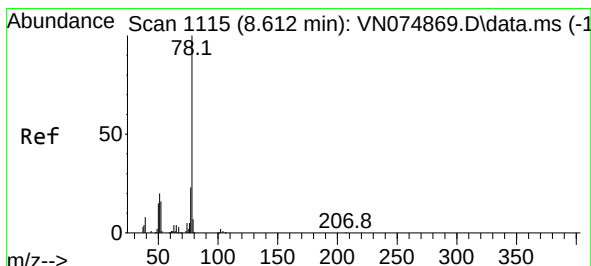
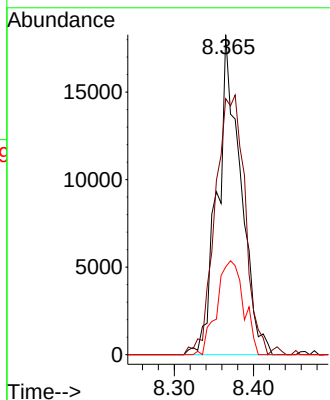
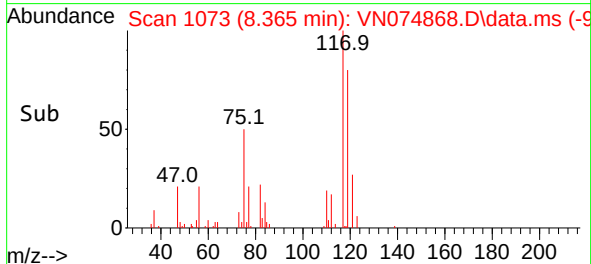
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 3716
Ion Ratio Lower Upper
117 100
119 80.0 77.8 116.6
121 27.5 27.6 41.4

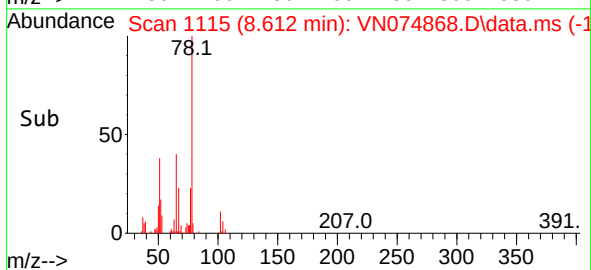
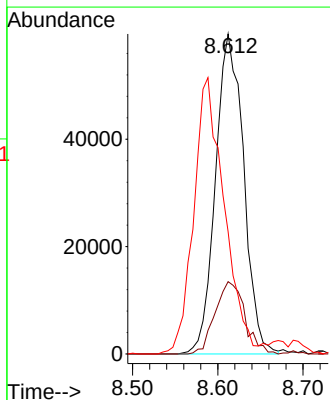
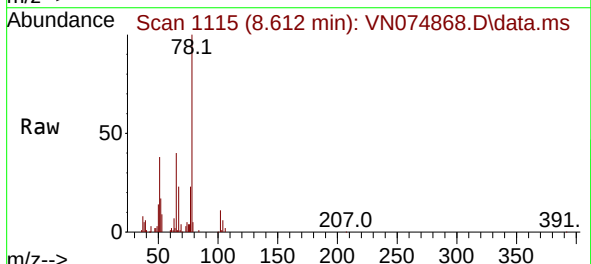
Manual Integrations
APPROVED

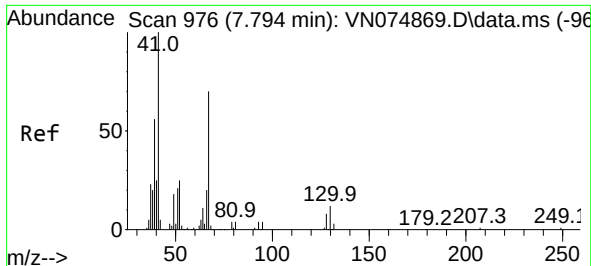
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#34
Benzene
Concen: 5.479 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion: 78 Resp: 136802
Ion Ratio Lower Upper
78 100
77 22.6 19.9 29.9
51 34.0 21.1 31.7





#35

Methacrylonitrile

Concen: 5.607 ug/l m

RT: 7.789 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 41 Resp: 34730

Ion Ratio Lower Upper

41 100

39 52.0 27.7 83.1

67 71.4 38.0 113.9

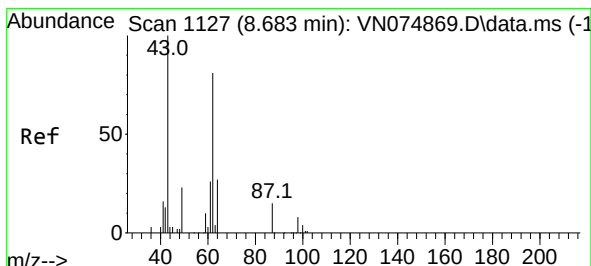
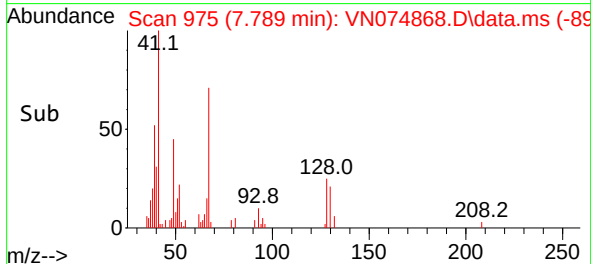
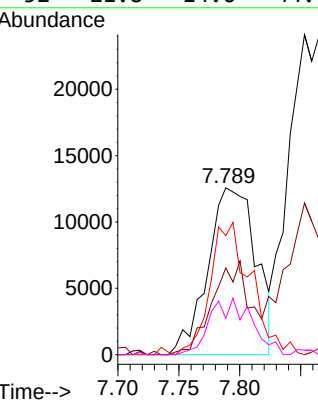
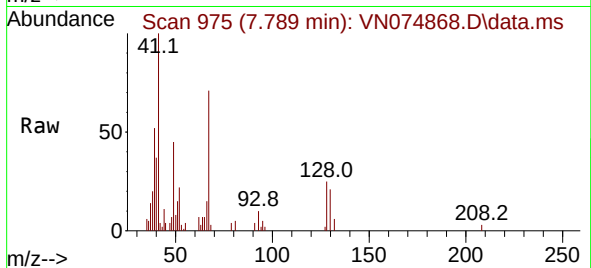
52 21.8 14.6 44.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#36

1,2-Dichloroethane

Concen: 5.222 ug/l

RT: 8.683 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN074868.D

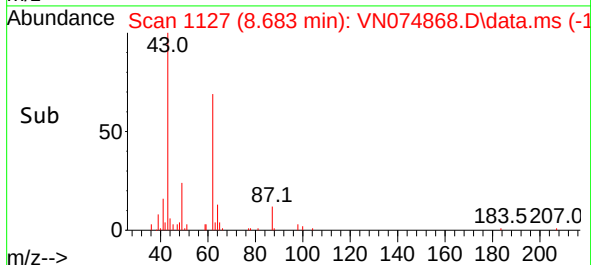
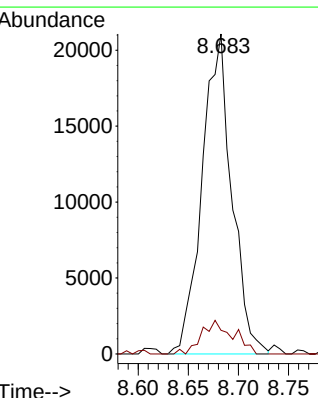
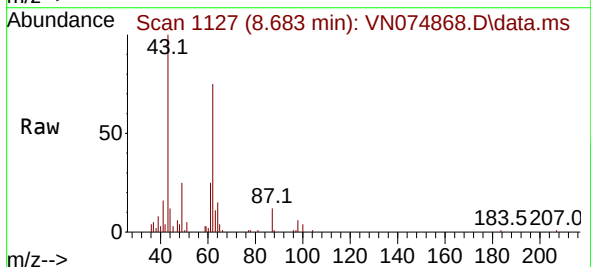
Acq: 12 Oct 2022 10:38

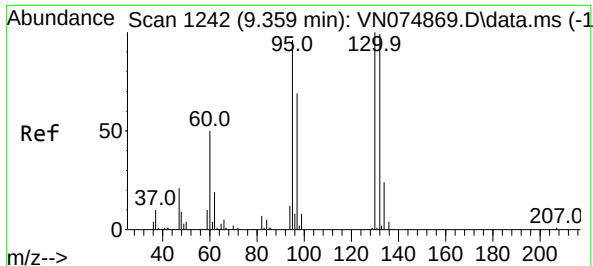
Tgt Ion: 62 Resp: 43416

Ion Ratio Lower Upper

62 100

98 8.6 7.4 11.2





#37

Trichloroethene

Concen: 5.400 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:130 Resp: 2804

Ion Ratio Lower Upper

130 100

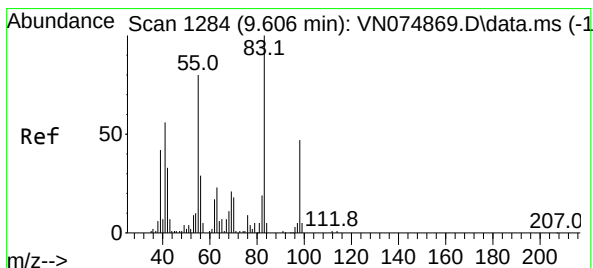
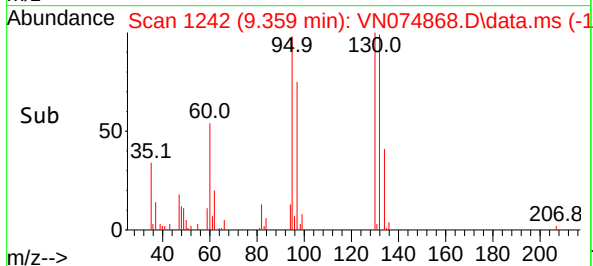
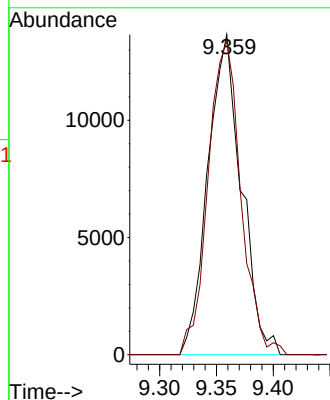
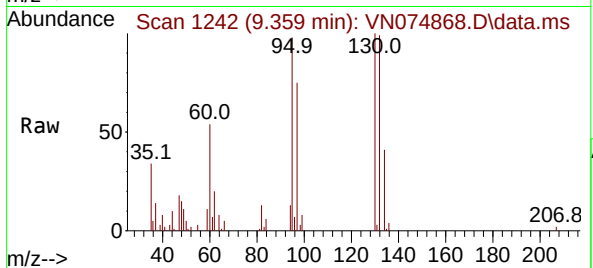
95 98.1 75.9 113.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#38

Methylcyclohexane

Concen: 5.020 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

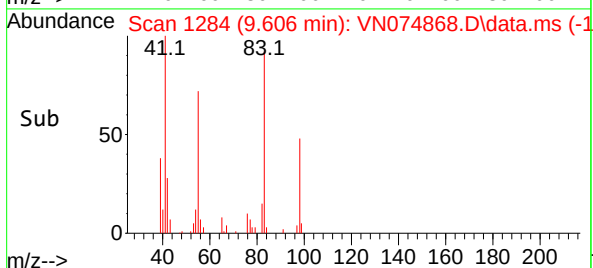
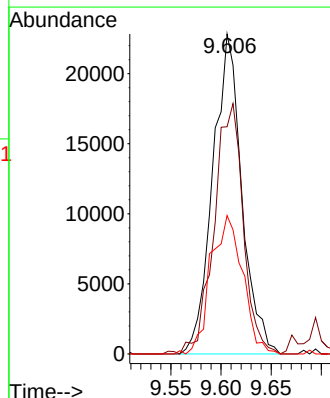
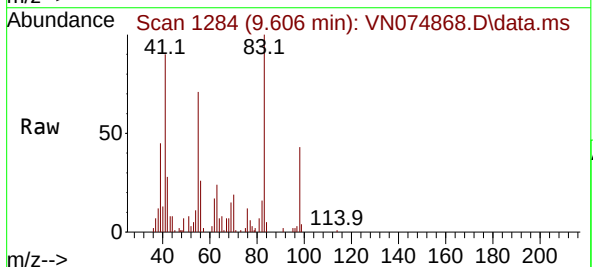
Tgt Ion: 83 Resp: 46070

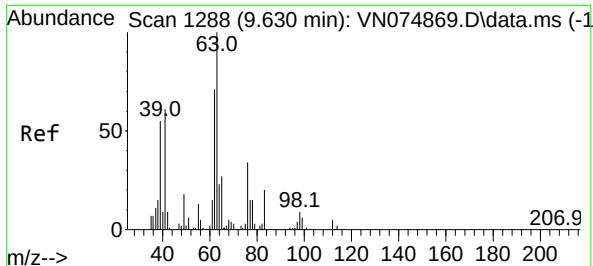
Ion Ratio Lower Upper

83 100

55 76.7 37.4 112.2

98 33.2 24.5 73.5





#39

1,2-Dichloropropane

Concen: 5.185 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 3355

Ion Ratio Lower Upper

63 100

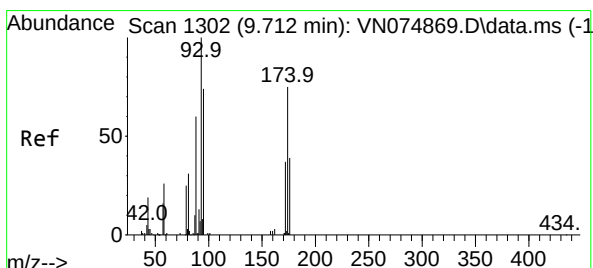
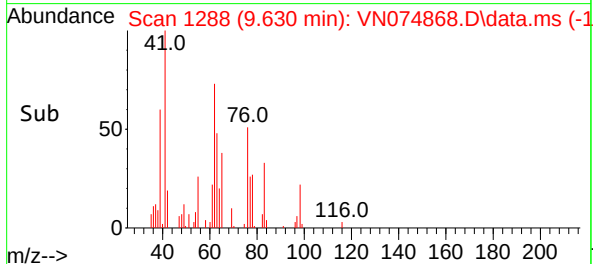
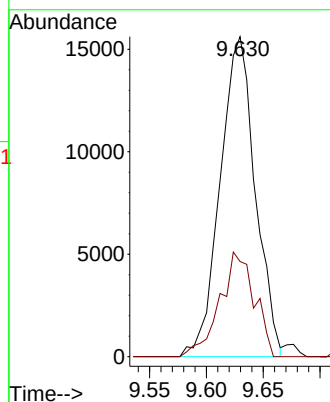
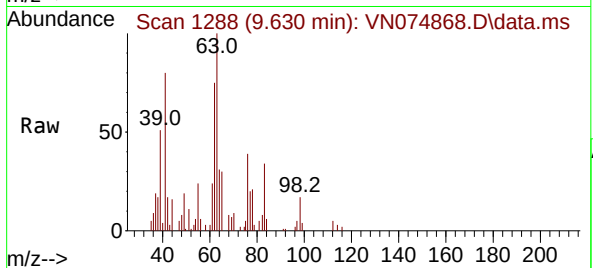
65 29.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#40

Dibromomethane

Concen: 5.634 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

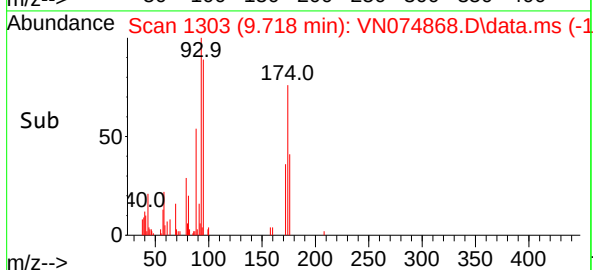
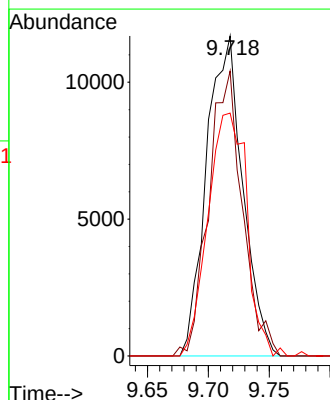
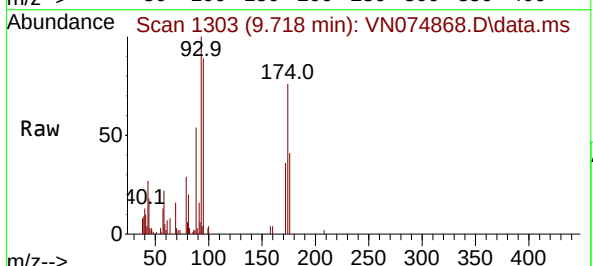
Tgt Ion: 93 Resp: 24164

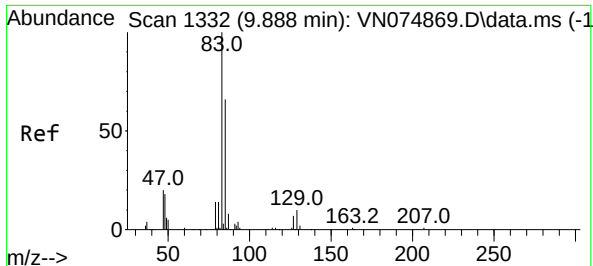
Ion Ratio Lower Upper

93 100

95 83.0 0.0 168.0

174 80.8 0.0 158.4





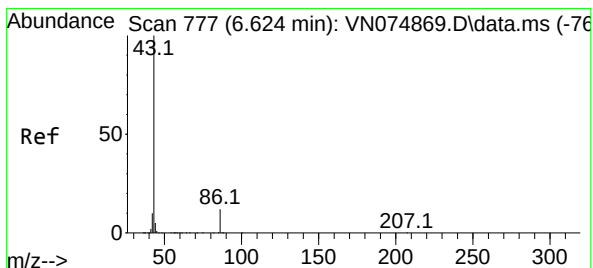
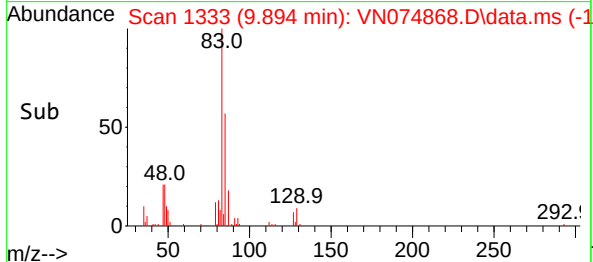
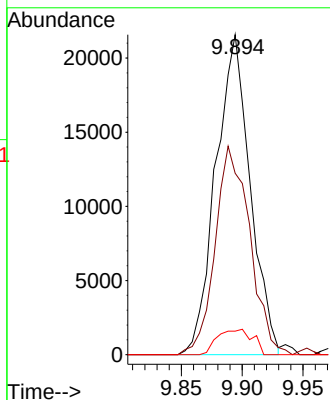
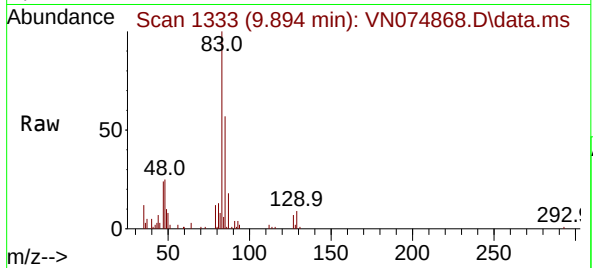
#41
Bromodichloromethane
Concen: 5.079 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 4242
Ion Ratio Lower Upper
83 100
85 56.7 50.2 75.4
127 7.3 5.1 7.7

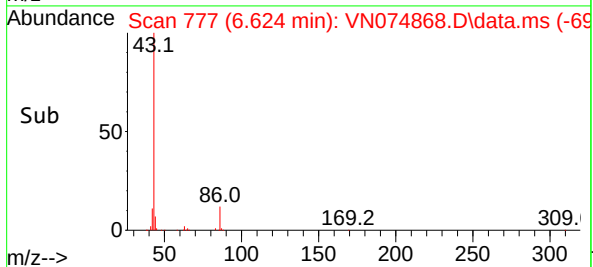
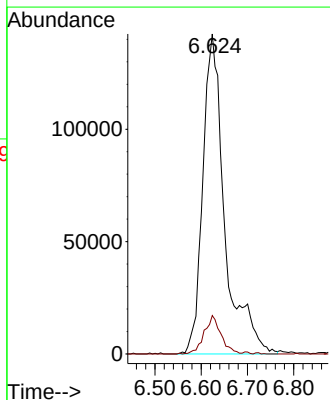
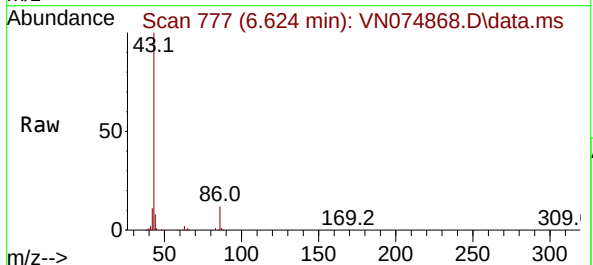
Manual Integrations
APPROVED

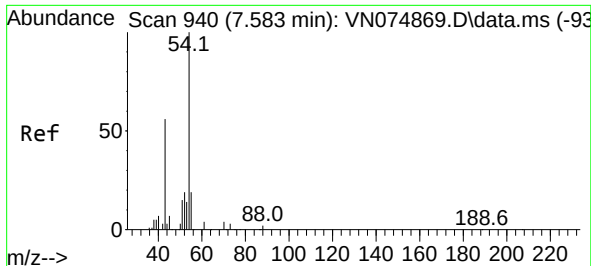
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#42
Vinyl Acetate
Concen: 26.697 ug/l m
RT: 6.624 min Scan# 777
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

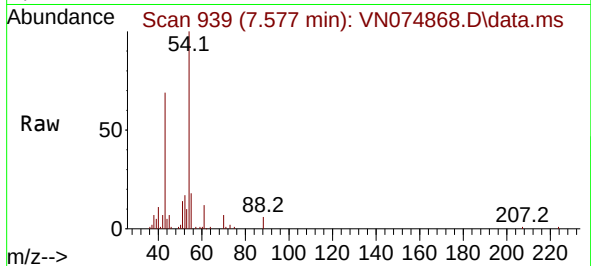
Tgt Ion: 43 Resp: 469935
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43
Ethyl Acetate
Concen: 5.485 ug/l m
RT: 7.577 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

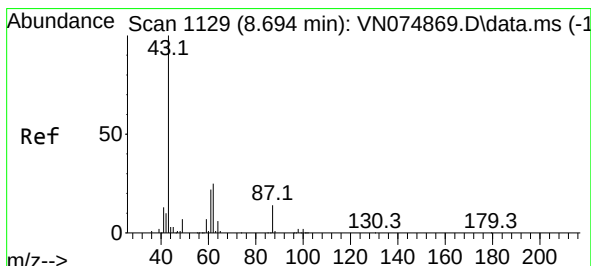
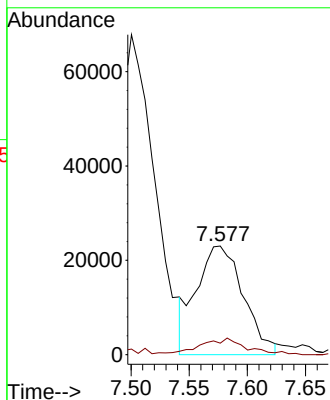
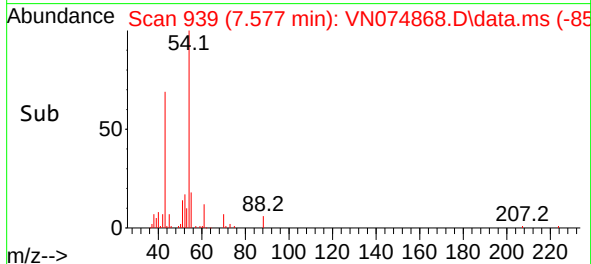
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



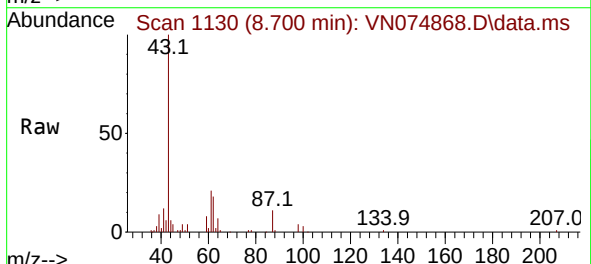
Tgt Ion: 43 Resp: 6485
Ion Ratio Lower Upper
43 100
45 0.1 11.5 17.3

Manual Integrations
APPROVED

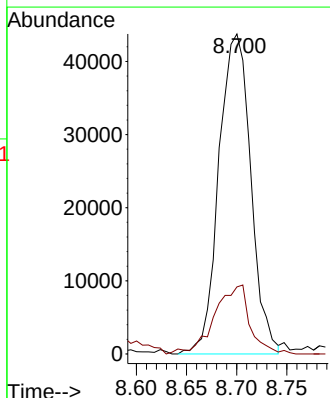
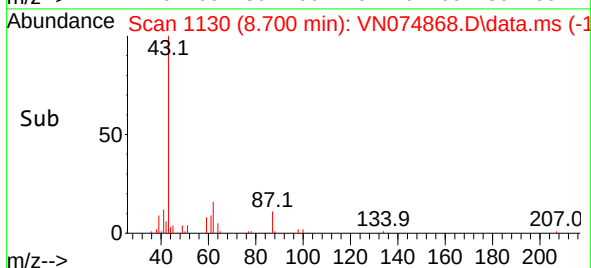
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

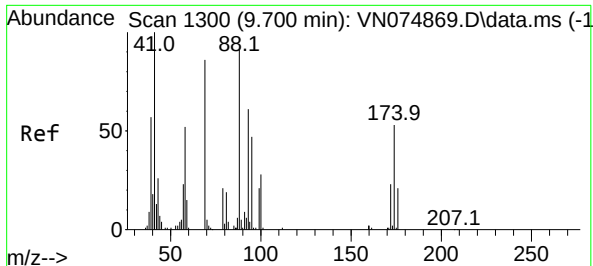


#44
Isopropyl Acetate
Concen: 5.345 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38



Tgt Ion: 43 Resp: 96852
Ion Ratio Lower Upper
43 100
61 23.1 19.5 29.3





#45

1,4-Dioxane

Concen: 103.966 ug/l

RT: 9.706 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 1727

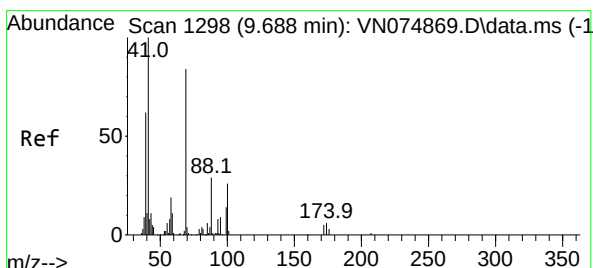
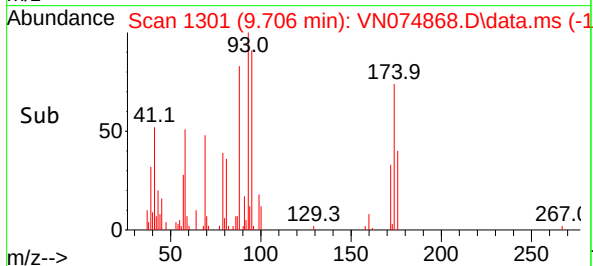
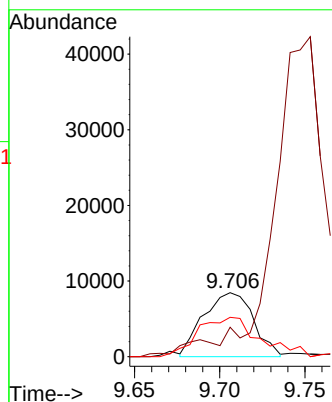
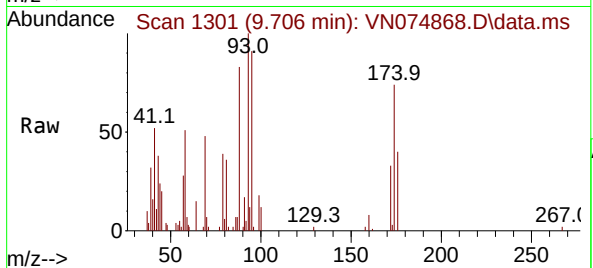
Ion	Ratio	Lower	Upper
88	100		
43	7.1	25.7	38.5
58	42.4	53.4	80.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#46

Methyl methacrylate

Concen: 4.937 ug/l

RT: 9.688 min Scan# 1298

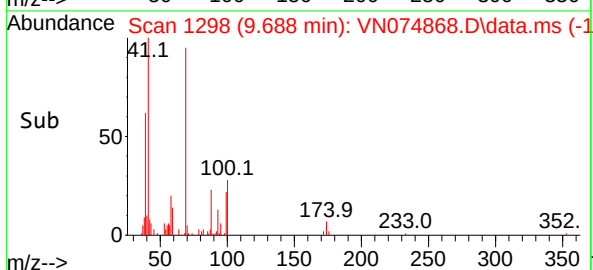
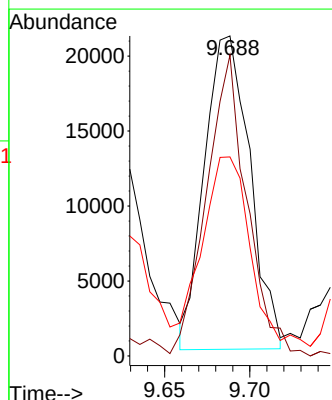
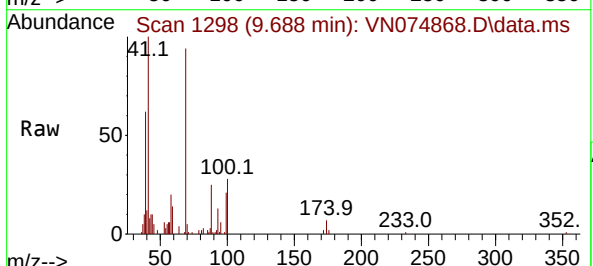
Delta R.T. -0.000 min

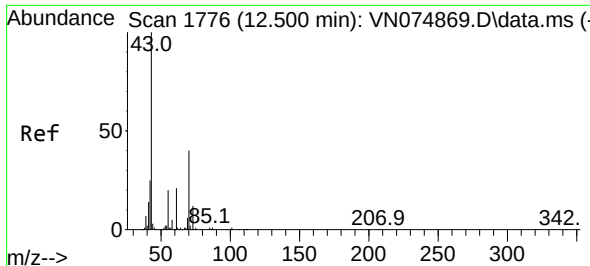
Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

Tgt Ion: 41 Resp: 38748

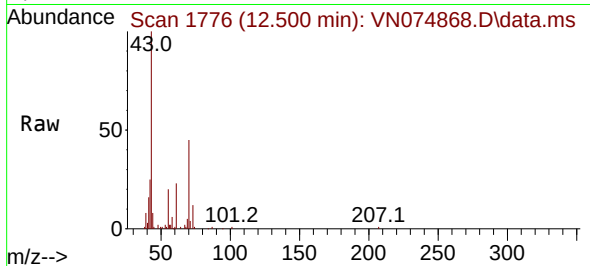
Ion	Ratio	Lower	Upper
41	100		
69	92.7	45.6	136.7
39	60.9	32.3	96.9





#47
n-amyl acetate
Concen: 4.465 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

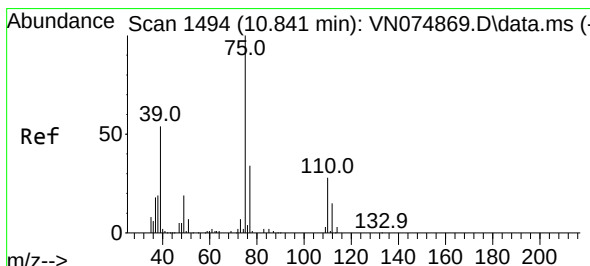
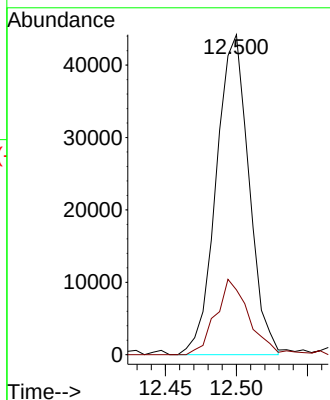
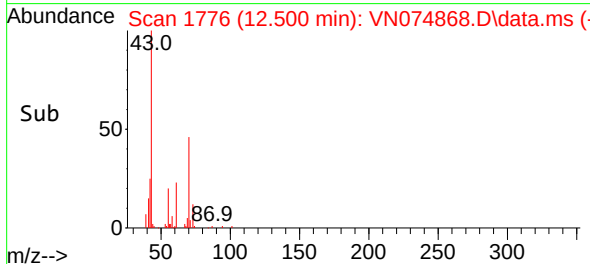
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 70789
Ion Ratio Lower Upper
43 100
55 23.5 16.8 25.2

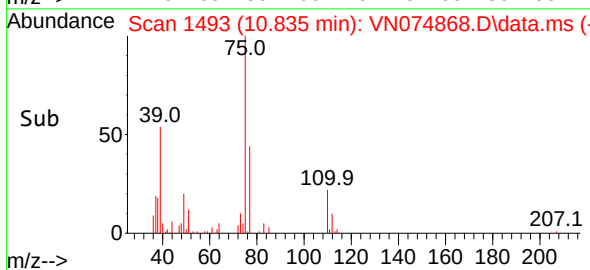
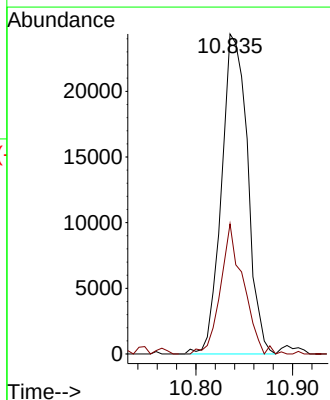
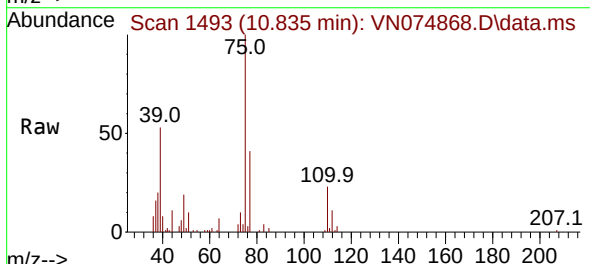
Manual Integrations
APPROVED

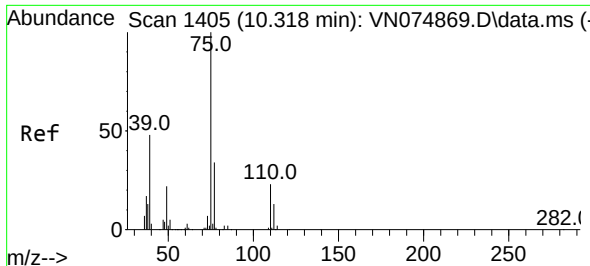
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#48
t-1,3-Dichloropropene
Concen: 4.730 ug/l m
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

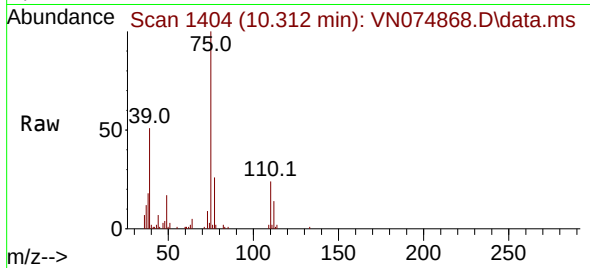
Tgt Ion: 75 Resp: 45478
Ion Ratio Lower Upper
75 100
77 40.7 25.8 38.8#





#49
 cis-1,3-Dichloropropene
 Concen: 5.213 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN074868.D
 Acq: 12 Oct 2022 10:38

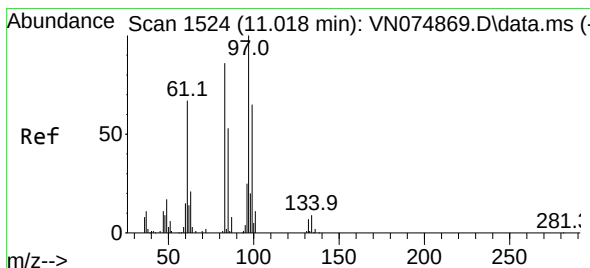
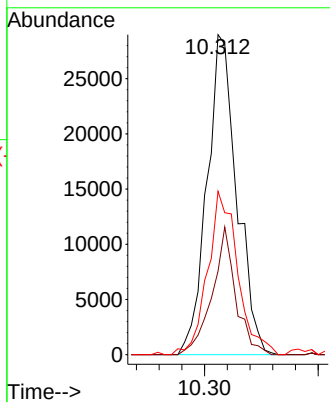
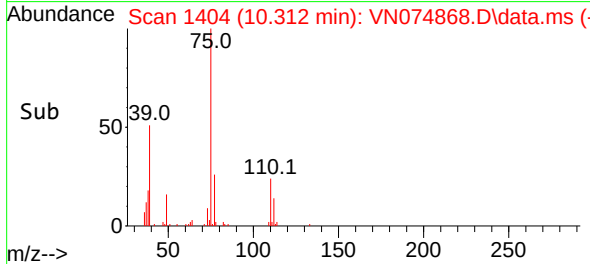
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 5298
 Ion Ratio Lower Upper
 75 100
 77 26.1 22.5 33.7
 39 51.0 37.6 56.4

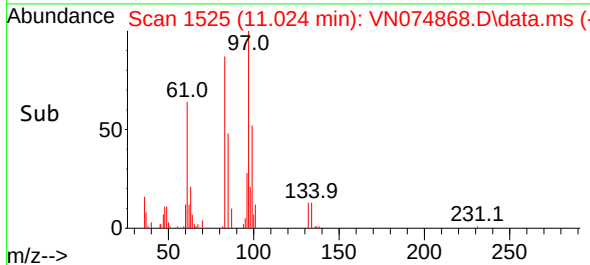
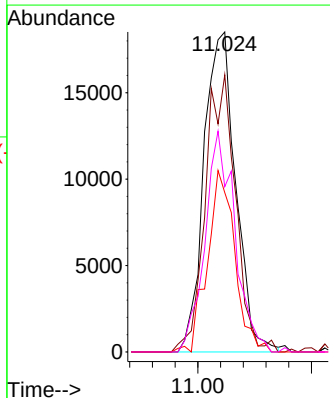
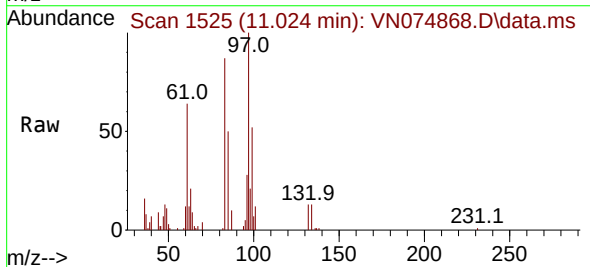
Manual Integrations
 APPROVED

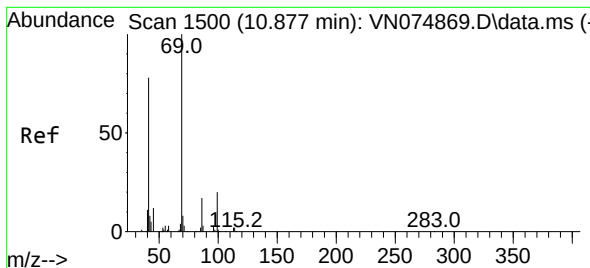
Reviewed By :Krupa Patel 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#50
 1,1,2-Trichloroethane
 Concen: 5.699 ug/l
 RT: 11.024 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: VN074868.D
 Acq: 12 Oct 2022 10:38

Tgt Ion: 97 Resp: 35973
 Ion Ratio Lower Upper
 97 100
 83 86.6 69.2 103.8
 85 49.8 41.4 62.2
 99 51.6 46.3 69.5





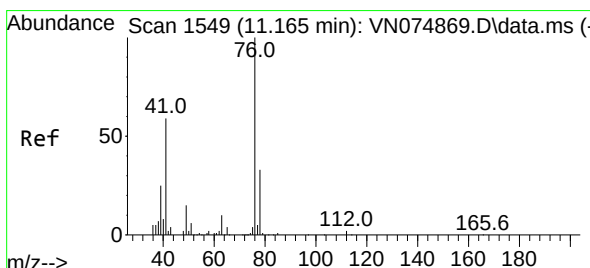
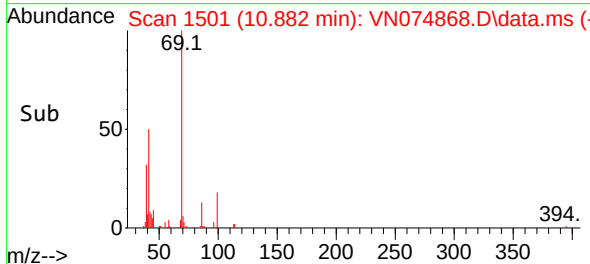
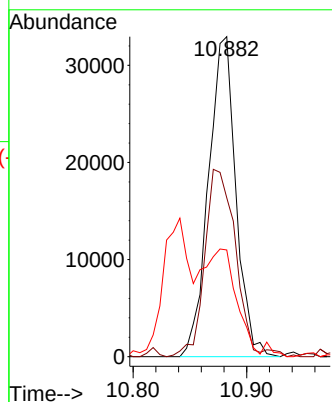
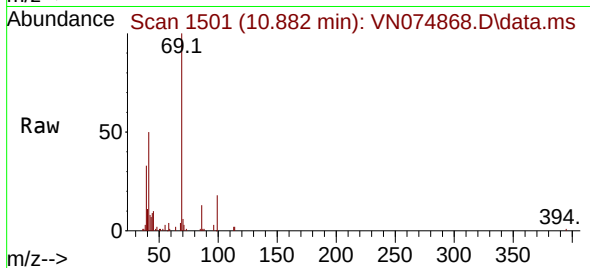
#51
Ethyl methacrylate
Concen: 5.157 ug/l
RT: 10.882 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 69 Resp: 55349
Ion Ratio Lower Upper
69 100
41 48.1 32.5 97.5
39 32.2 21.5 64.5

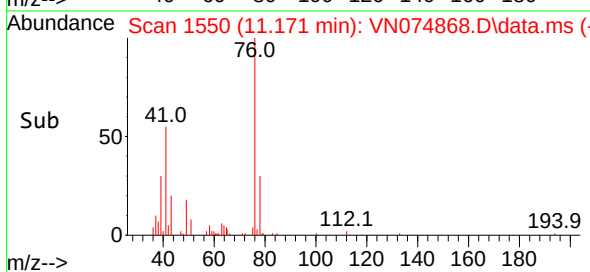
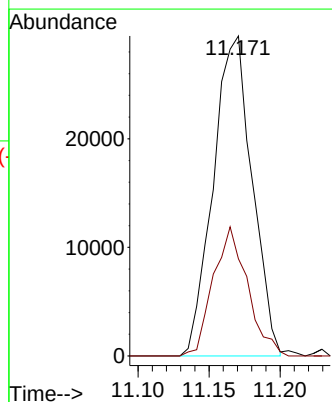
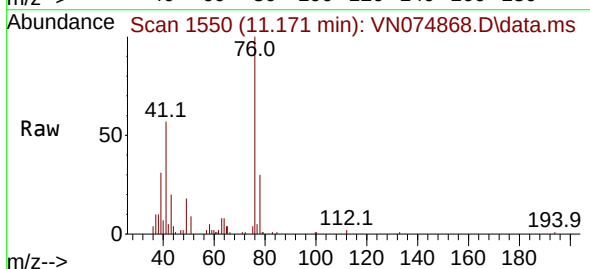
Manual Integrations
APPROVED

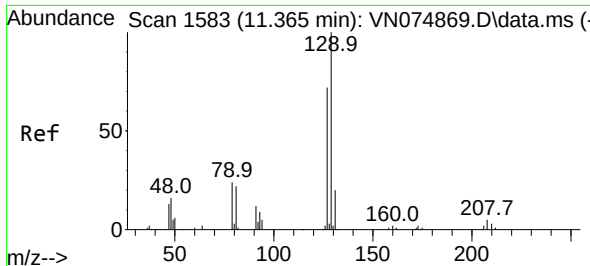
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#52
1,3-Dichloropropane
Concen: 5.163 ug/l
RT: 11.171 min Scan# 1550
Delta R.T. 0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion: 76 Resp: 56250
Ion Ratio Lower Upper
76 100
78 35.5 0.0 63.8





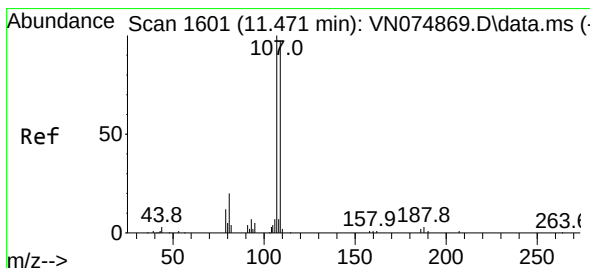
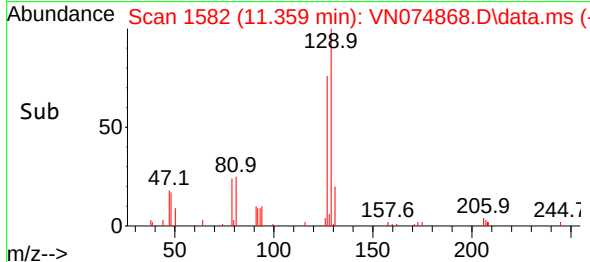
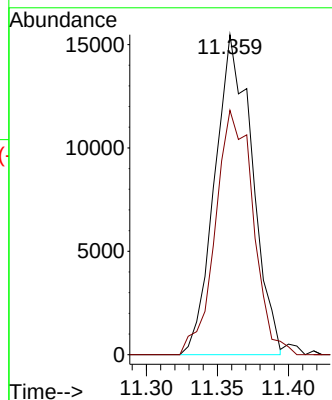
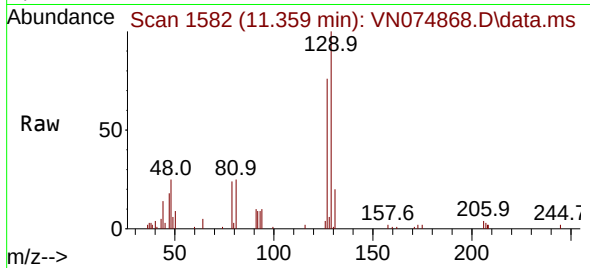
#53
Dibromochloromethane
Concen: 4.577 ug/l
RT: 11.359 min Scan# 1583
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 2830
Ion Ratio Lower Upper
129 100
127 77.1 40.6 121.7

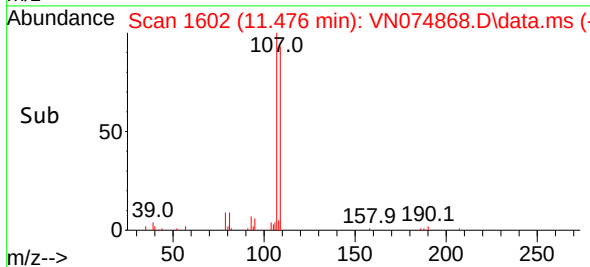
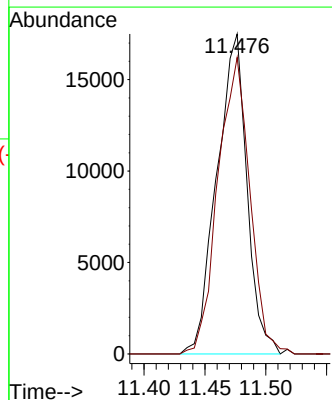
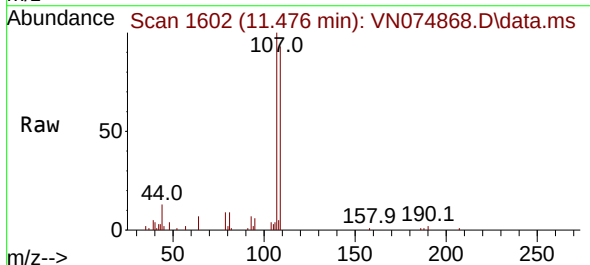
Manual Integrations
APPROVED

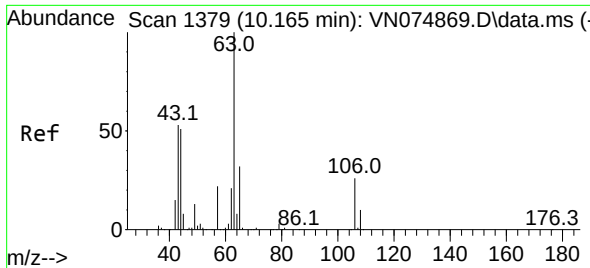
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#54
1,2-Dibromoethane
Concen: 4.962 ug/l
RT: 11.476 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

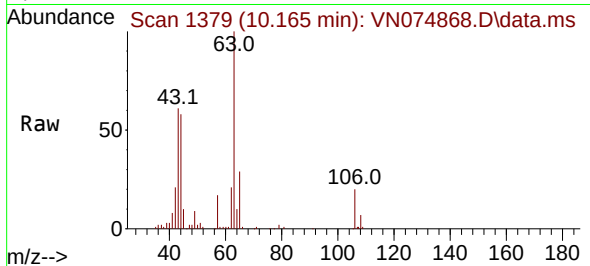
Tgt Ion:107 Resp: 30091
Ion Ratio Lower Upper
107 100
109 98.0 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 28.078 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

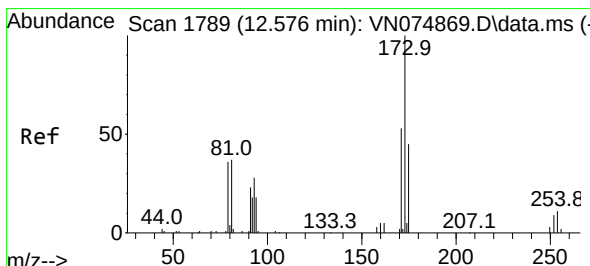
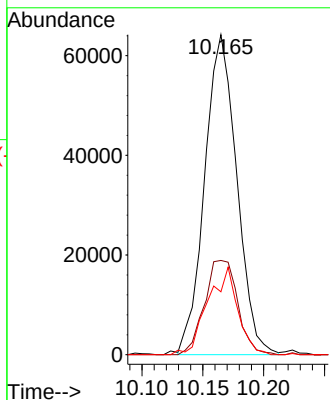
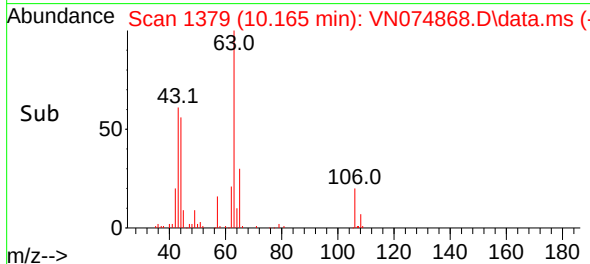
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



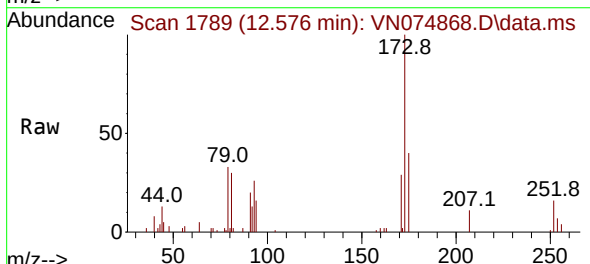
Tgt Ion: 63 Resp: 117880
Ion Ratio Lower Upper
63 100
65 30.4 24.6 36.8
106 25.1 21.3 31.9

Manual Integrations
APPROVED

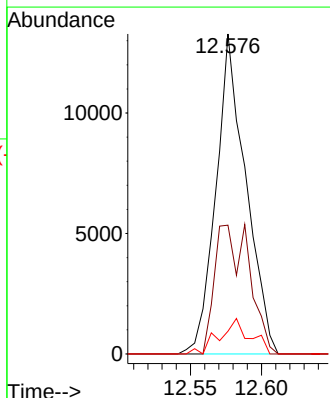
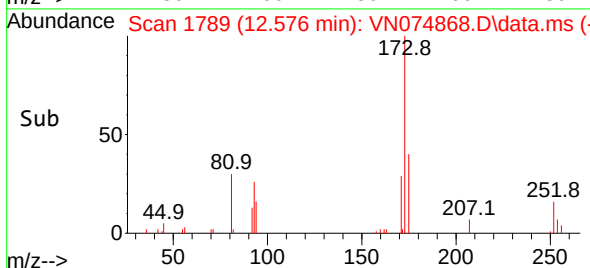
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

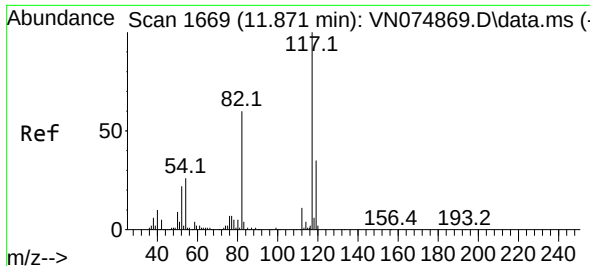


#56
Bromoform
Concen: 4.364 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38



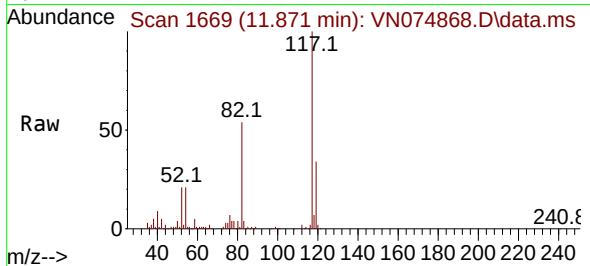
Tgt Ion:173 Resp: 19446
Ion Ratio Lower Upper
173 100
175 29.0 39.1 58.7#
254 6.7 7.0 10.6#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

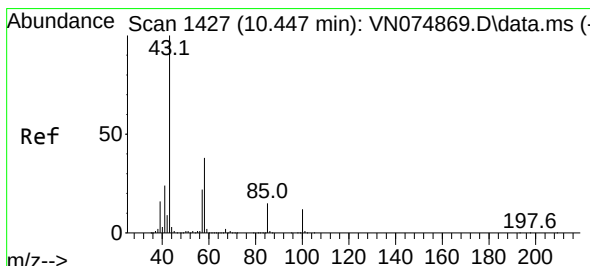
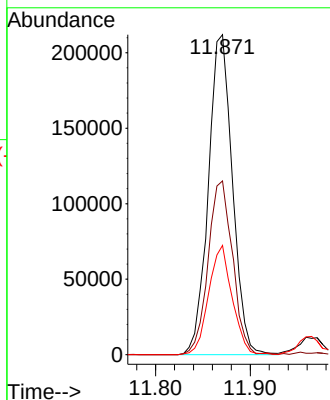
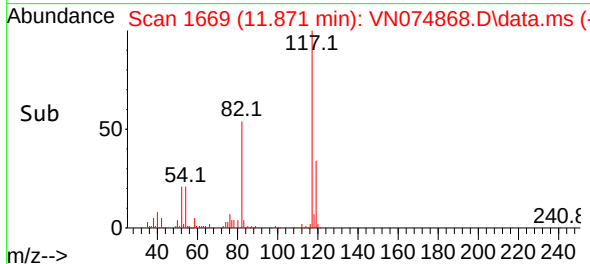
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



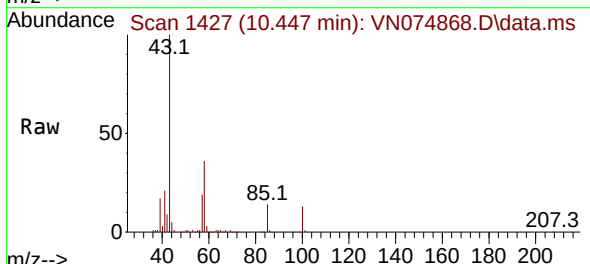
Tgt Ion: 117 Resp: 375411
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 33.1 25.6 38.4

Manual Integrations
APPROVED

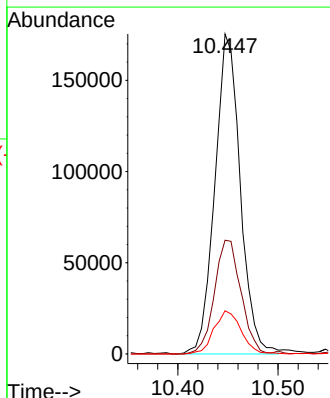
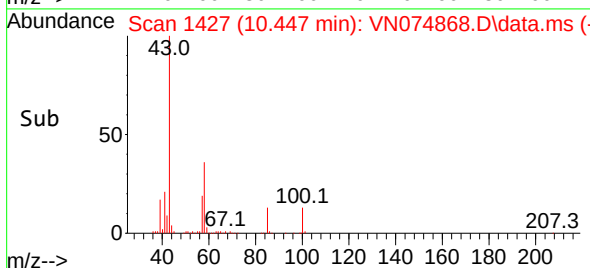
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

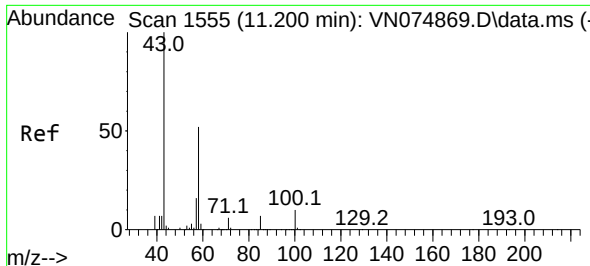


#58
4-Methyl-2-Pentanone
Concen: 26.411 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38



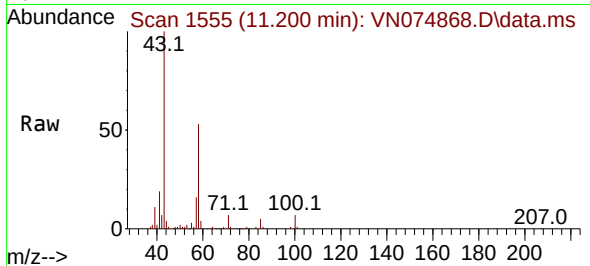
Tgt Ion: 43 Resp: 308361
Ion Ratio Lower Upper
43 100
58 37.1 30.8 46.2
85 14.3 13.3 19.9





#59
2-Hexanone
Concen: 25.826 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

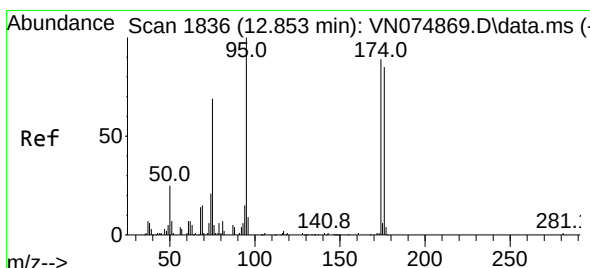
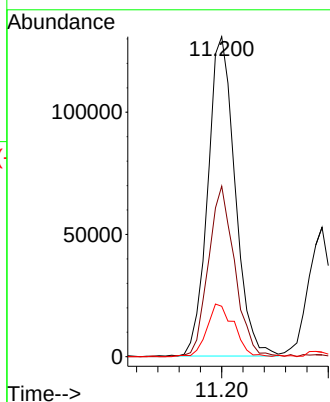
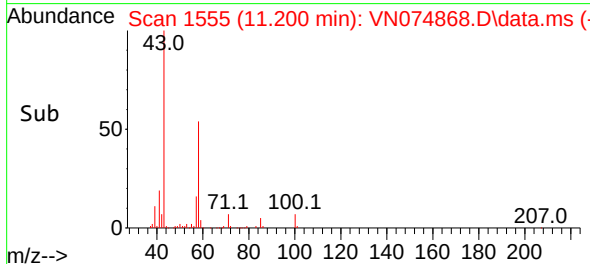
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



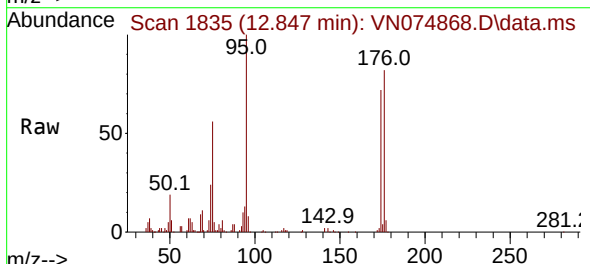
Tgt Ion: 43 Resp: 232059
Ion Ratio Lower Upper
43 100
58 51.6 43.6 65.4
57 16.2 14.3 21.5

Manual Integrations
APPROVED

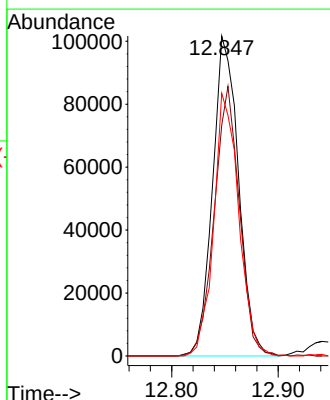
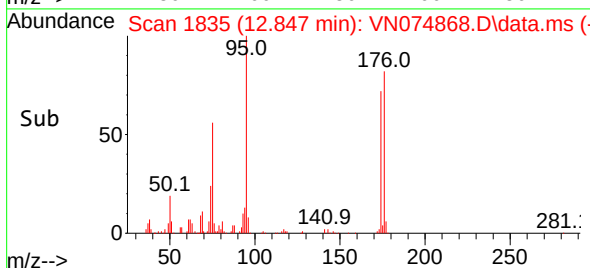
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

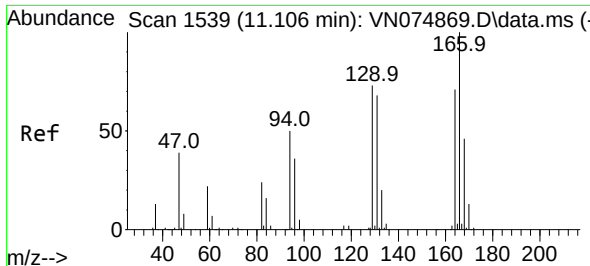


#60
4-Bromofluorobenzene
Concen: 25.772 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38



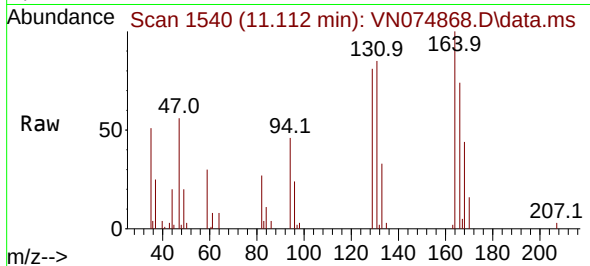
Tgt Ion: 95 Resp: 171579
Ion Ratio Lower Upper
95 100
174 81.7 57.8 86.8
176 79.2 57.0 85.4





#61
Tetrachloroethene
Concen: 5.726 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

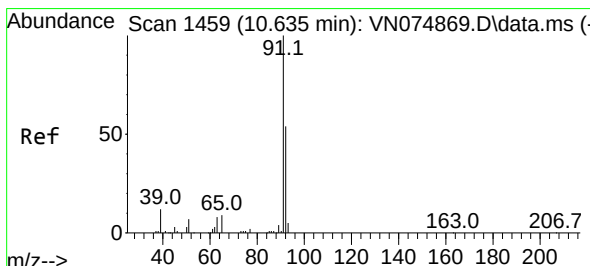
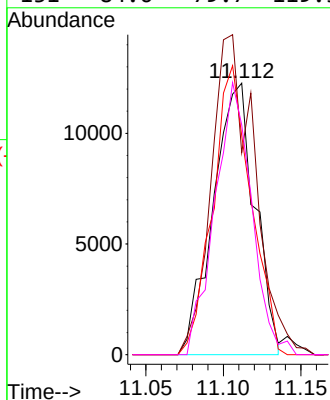
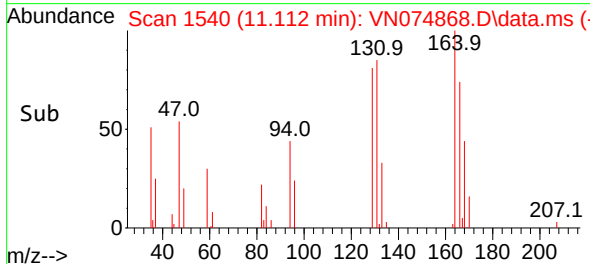
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:164 Resp: 22915
Ion Ratio Lower Upper
164 100
166 74.4 99.6 149.4
129 80.6 84.0 126.0
131 84.6 79.7 119.5

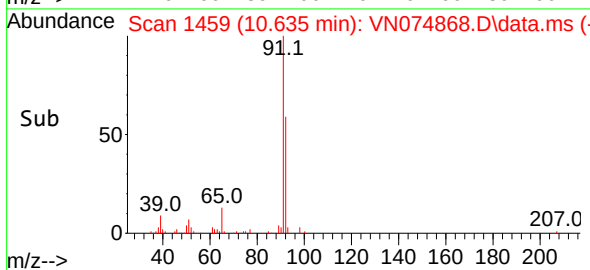
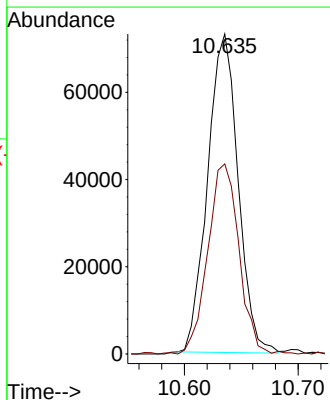
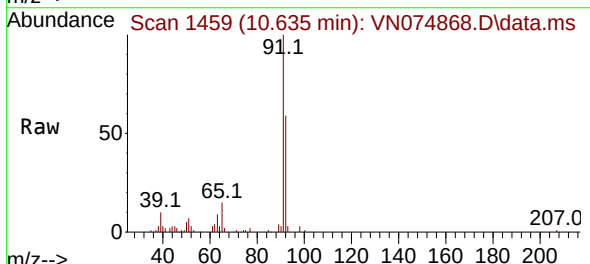
Manual Integrations
APPROVED

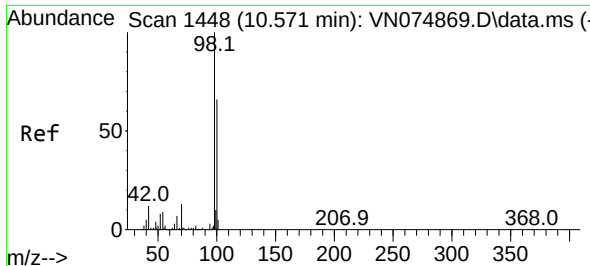
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#62
Toluene
Concen: 5.254 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

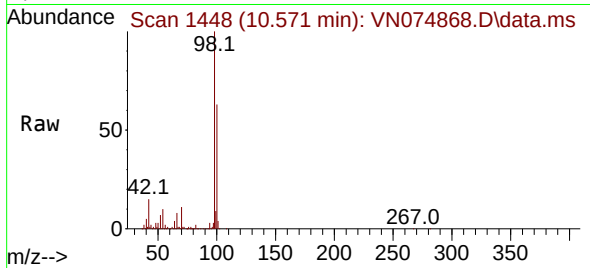
Tgt Ion: 91 Resp: 136275
Ion Ratio Lower Upper
91 100
92 60.6 46.0 69.0





#63
Toluene-d8
Concen: 30.374 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

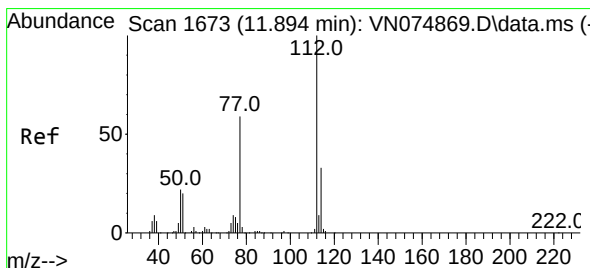
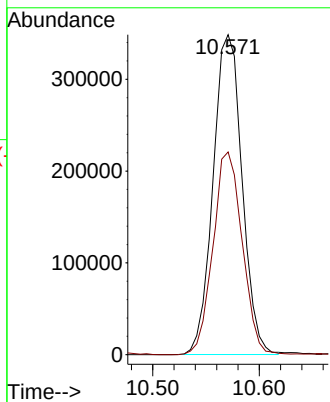
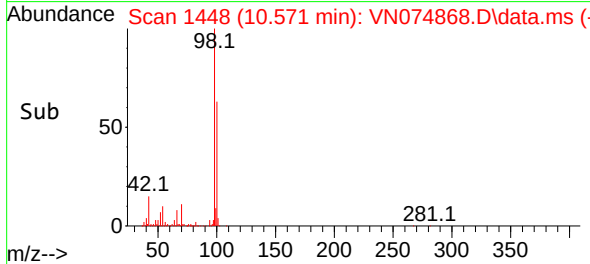
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 658118
Ion Ratio Lower Upper
98 100
100 63.8 52.7 79.1

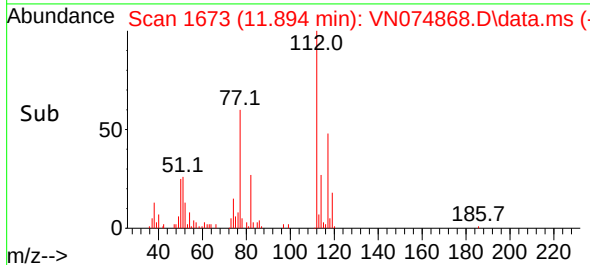
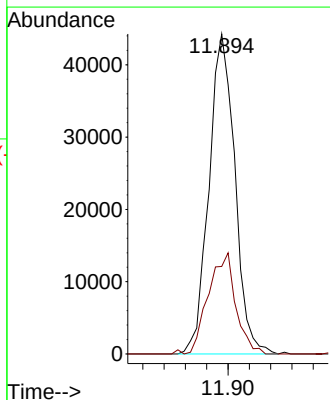
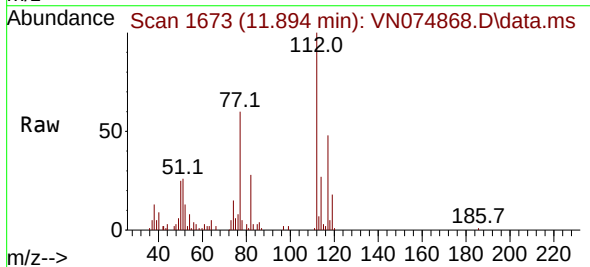
Manual Integrations
APPROVED

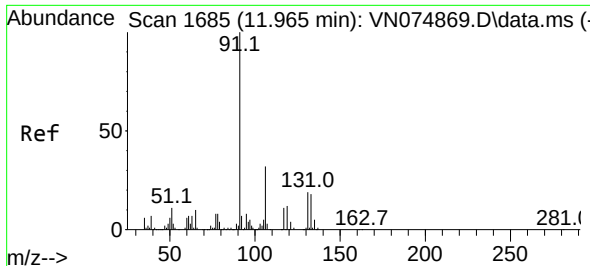
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#64
Chlorobenzene
Concen: 5.074 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion:112 Resp: 74801
Ion Ratio Lower Upper
112 100
114 27.4 24.7 37.1





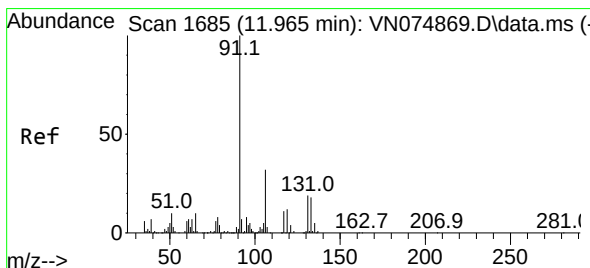
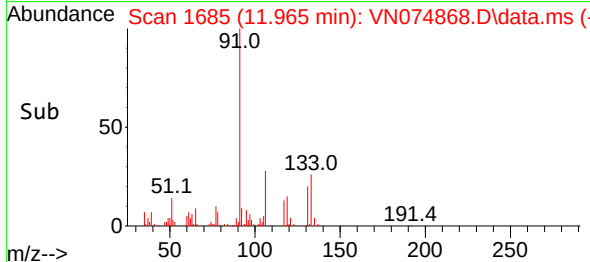
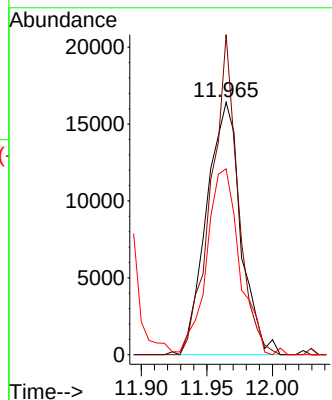
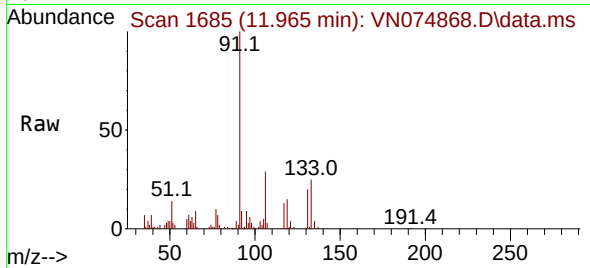
#65
1,1,1,2-Tetrachloroethane
Concen: 5.367 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 2980
Ion Ratio Lower Upper
131 100
133 98.7 0.0 191.8
119 70.7 0.0 135.8

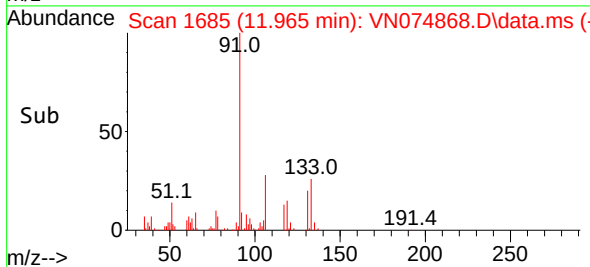
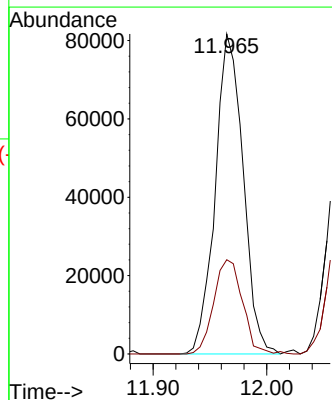
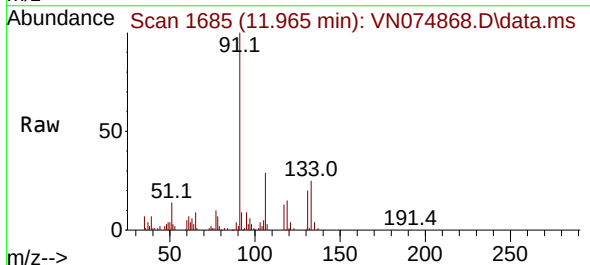
Manual Integrations
APPROVED

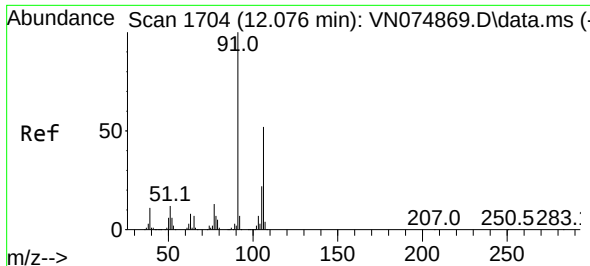
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#66
Ethyl Benzene
Concen: 4.944 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion: 91 Resp: 139427
Ion Ratio Lower Upper
91 100
106 29.5 24.1 36.1





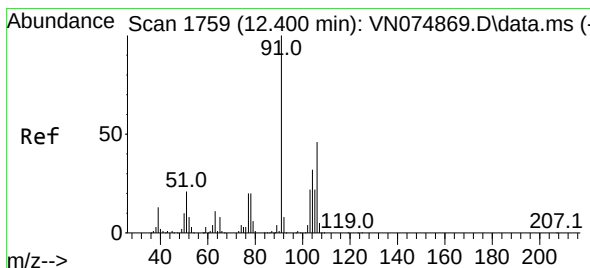
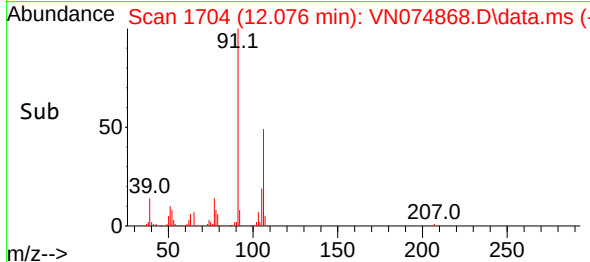
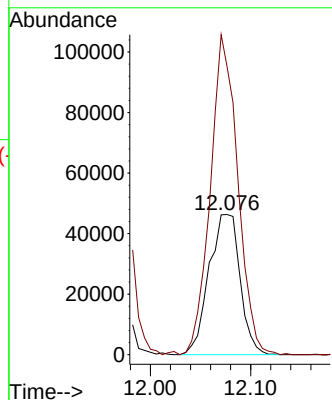
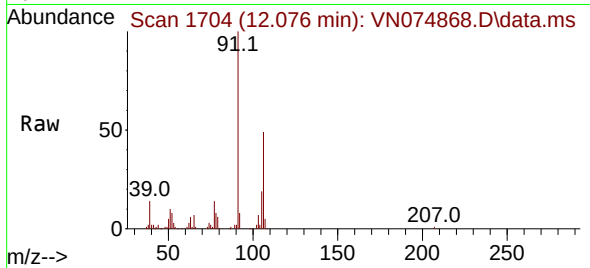
#67
m/p-Xylenes
Concen: 9.390 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 9948
Ion Ratio Lower Upper
106 100
91 201.6 164.2 246.4

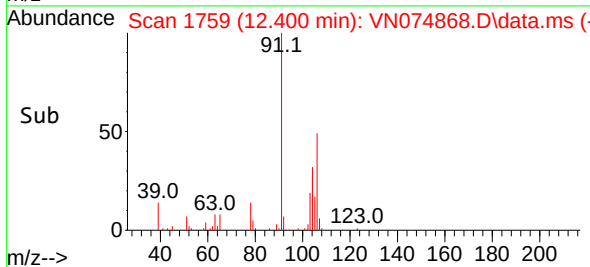
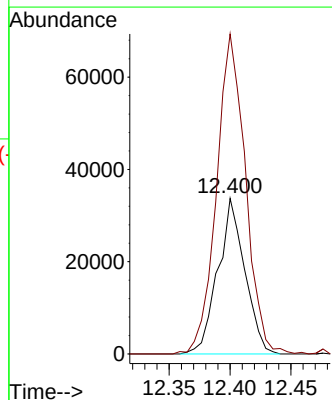
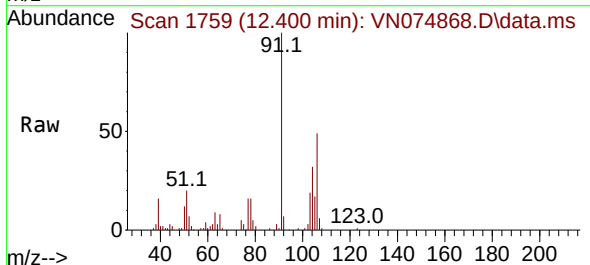
Manual Integrations
APPROVED

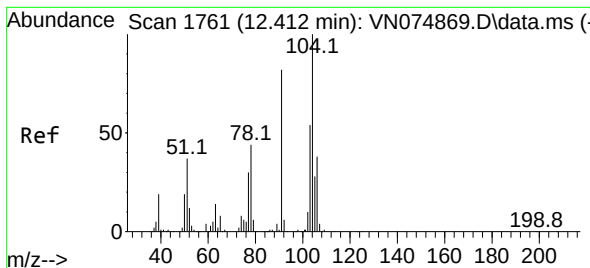
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#68
o-Xylene
Concen: 4.833 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion:106 Resp: 52050
Ion Ratio Lower Upper
106 100
91 220.3 108.5 325.5





#69

Styrene

Concen: 4.427 ug/l

RT: 12.418 min Scan# 1761

Delta R.T. 0.006 min

Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

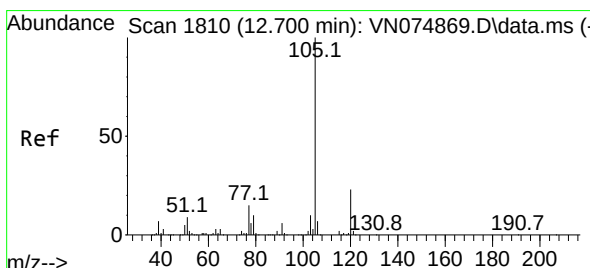
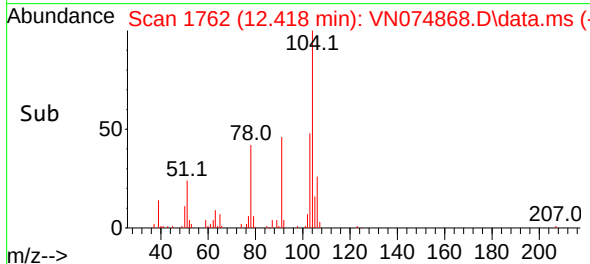
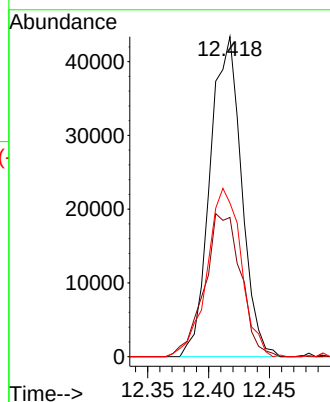
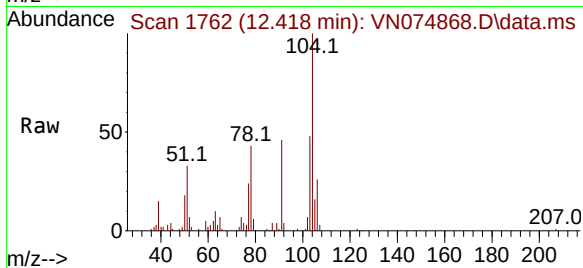
Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.4	39.9	59.9
103	57.2	43.8	65.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#70

Isopropylbenzene

Concen: 4.494 ug/l

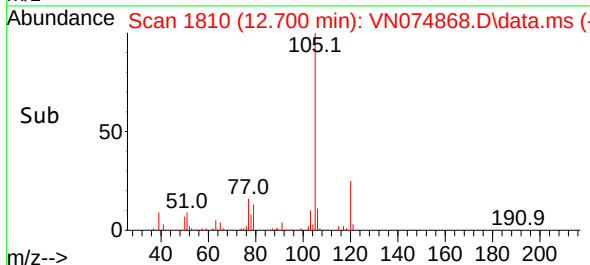
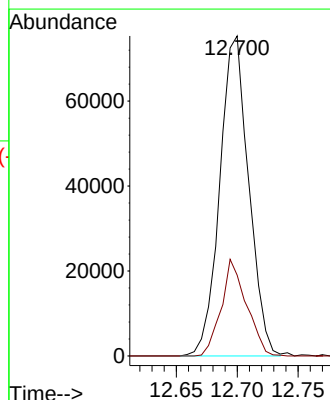
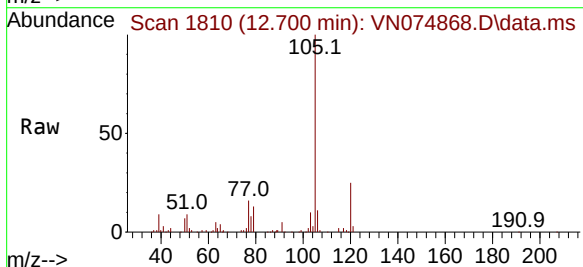
RT: 12.700 min Scan# 1810

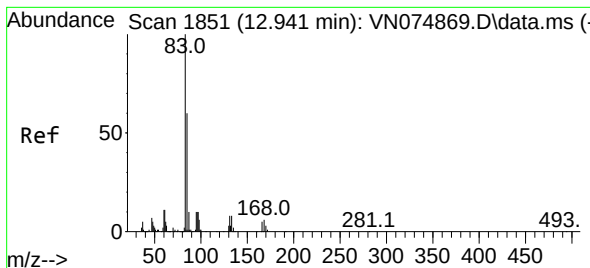
Delta R.T. -0.000 min

Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

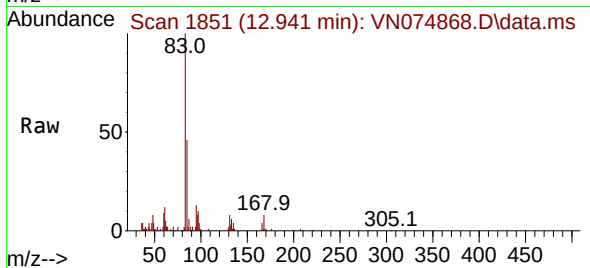
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.5	34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 5.434 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

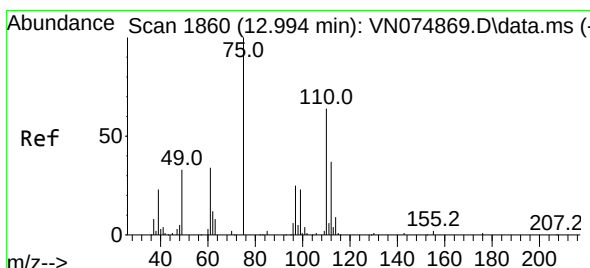
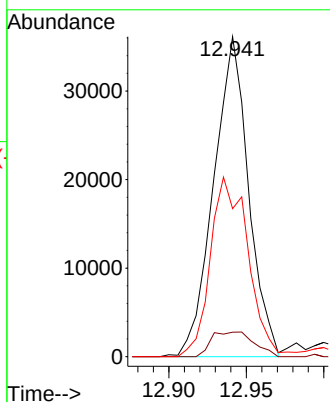
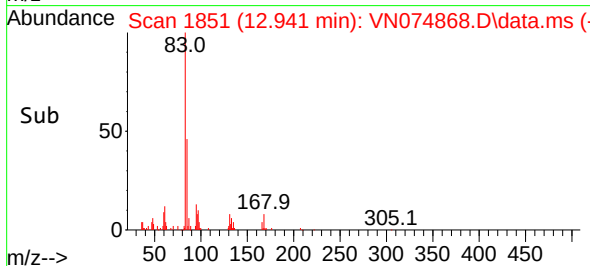
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 56460
Ion Ratio Lower Upper
83 100
131 3.8 4.5 13.5
85 60.1 30.9 92.7

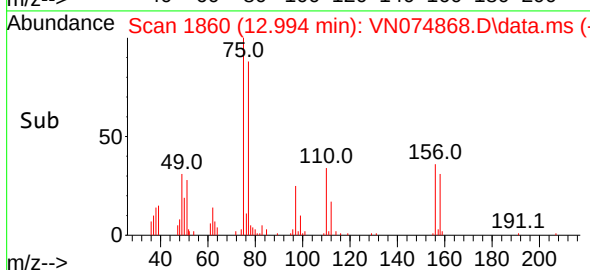
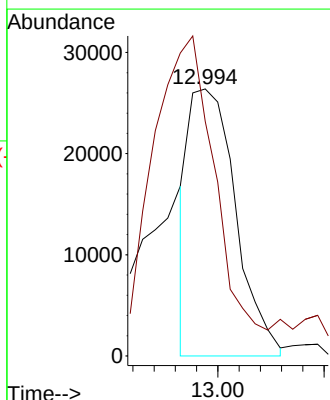
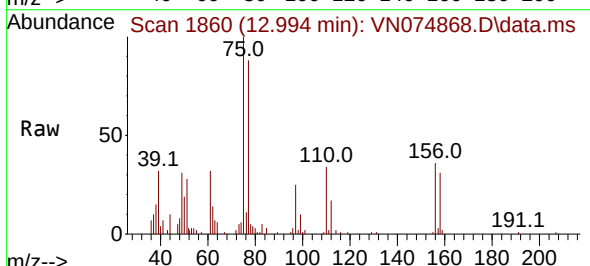
Manual Integrations
APPROVED

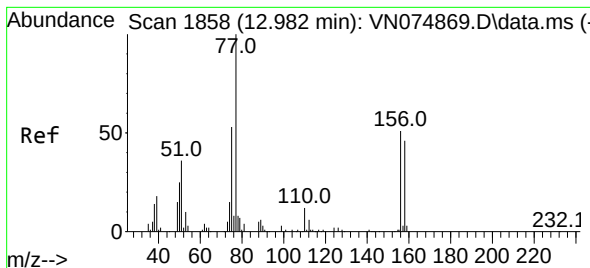
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#72
1,2,3-Trichloropropane
Concen: 4.777 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion: 75 Resp: 40364
Ion Ratio Lower Upper
75 100
77 165.8 0.0 372.4





#73

Bromobenzene

Concen: 4.835 ug/l

RT: 12.976 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

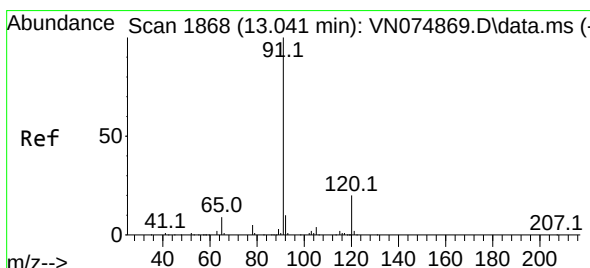
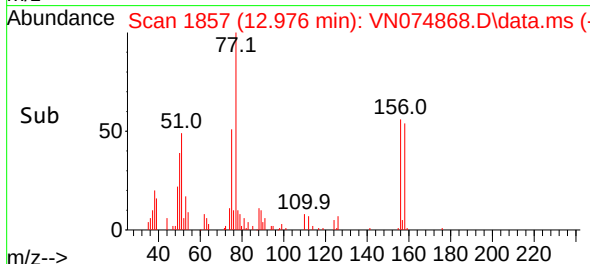
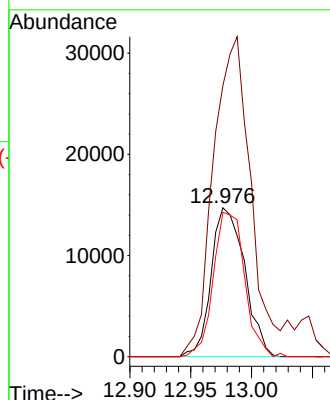
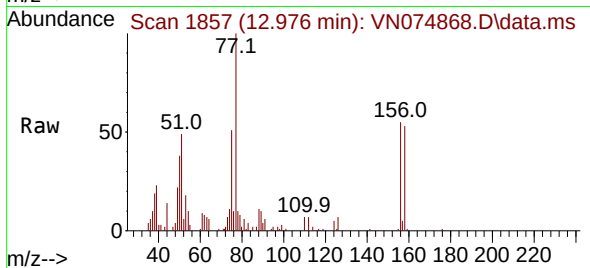
Tgt Ion:	156	Resp:	2814
Ion Ratio	Lower	Upper	
156	100		
77	237.8	0.0	491.8
158	90.2	0.0	185.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#74

n-propylbenzene

Concen: 4.335 ug/l

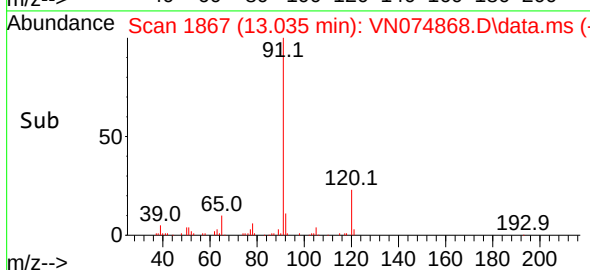
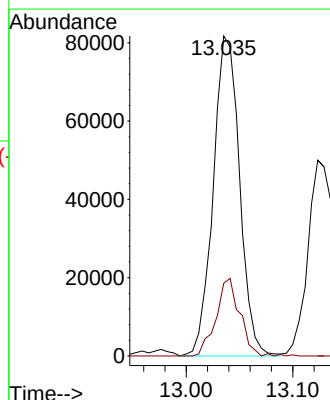
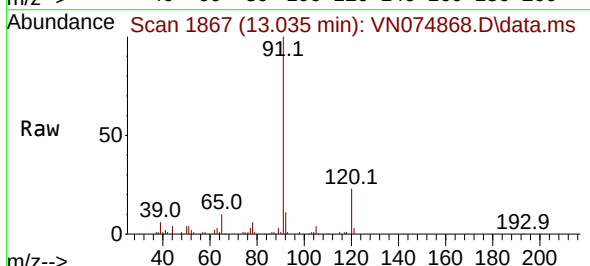
RT: 13.035 min Scan# 1867

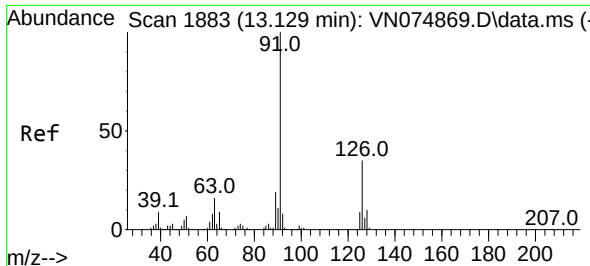
Delta R.T. -0.006 min

Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

Tgt Ion:	91	Resp:	140395
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	44.6





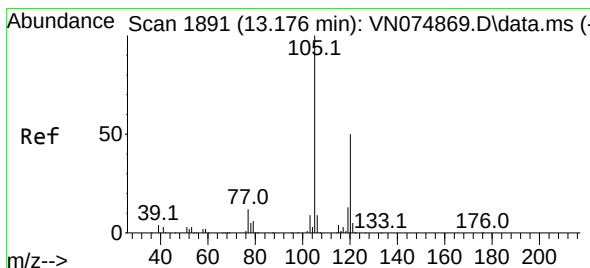
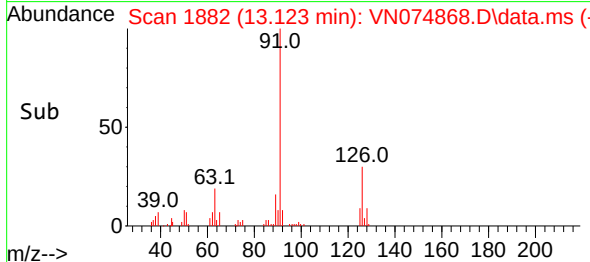
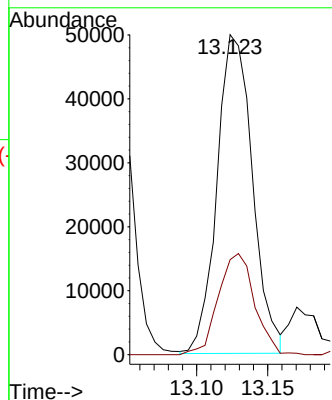
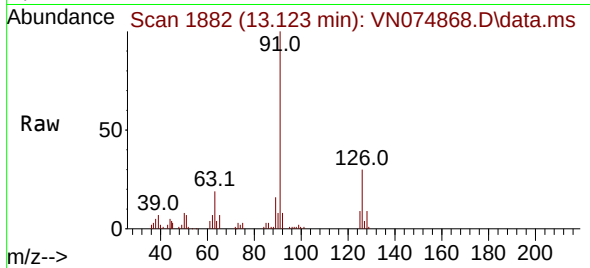
#75
2-Chlorotoluene
Concen: 4.581 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 86790
Ion Ratio Lower Upper
91 100
126 32.2 0.0 66.2

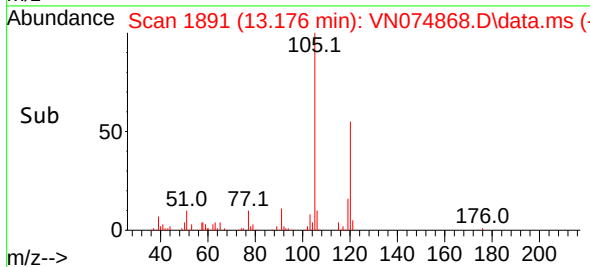
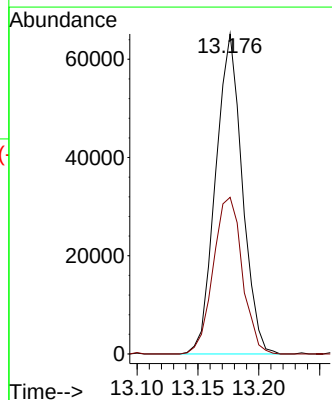
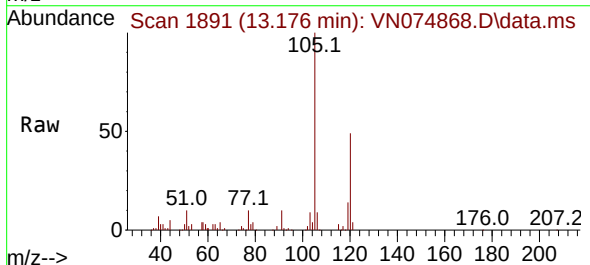
Manual Integrations
APPROVED

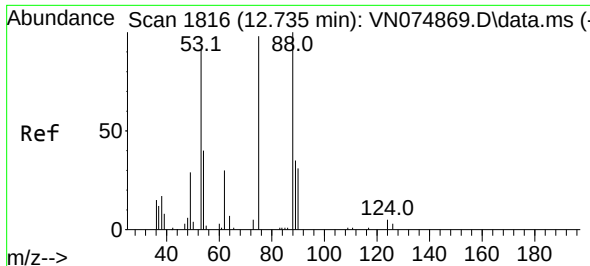
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#76
1,3,5-Trimethylbenzene
Concen: 4.394 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

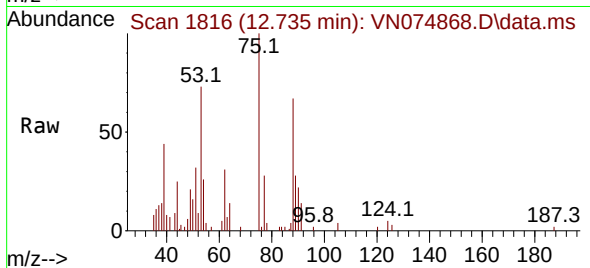
Tgt Ion:105 Resp: 99190
Ion Ratio Lower Upper
105 100
120 53.4 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 4.786 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

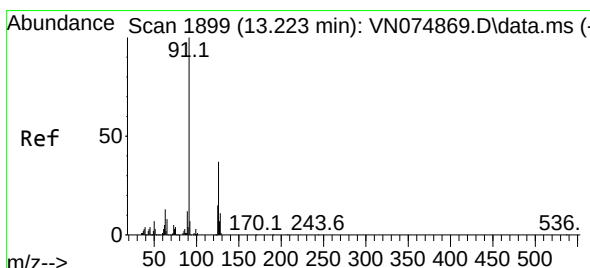
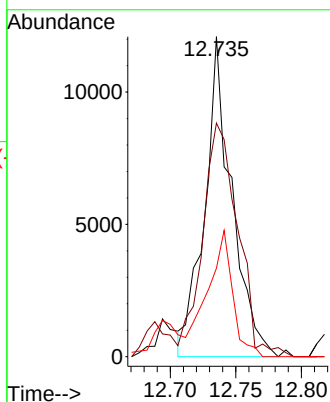
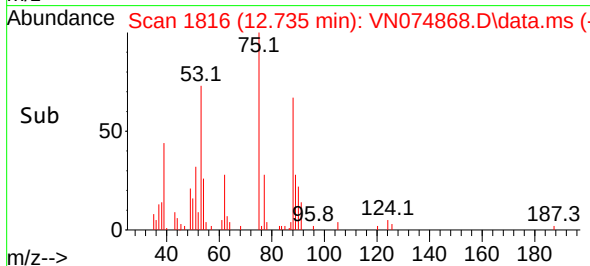
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



Tgt Ion: 75 Resp: 17350
Ion Ratio Lower Upper
75 100
53 70.2 43.3 129.9
89 27.7 21.1 63.1

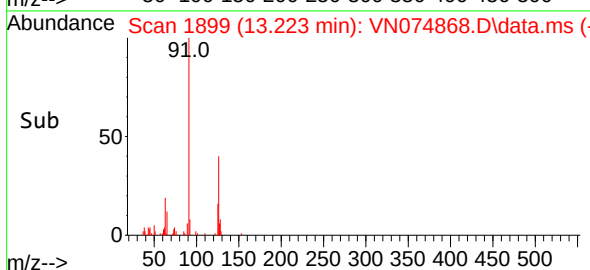
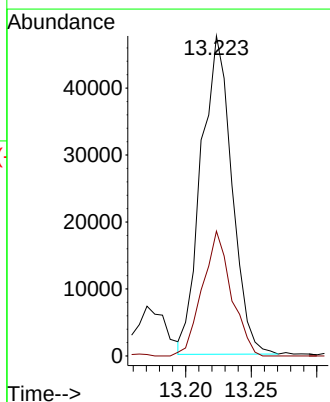
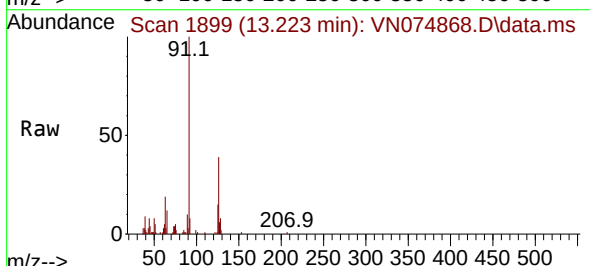
Manual Integrations
APPROVED

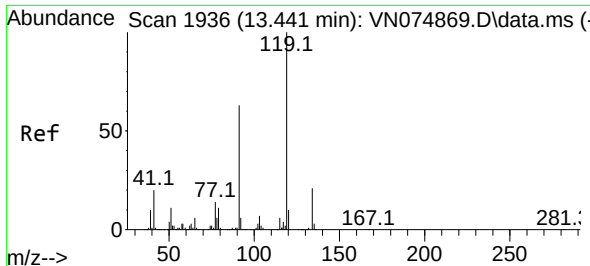
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#78
4-Chlorotoluene
Concen: 4.167 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

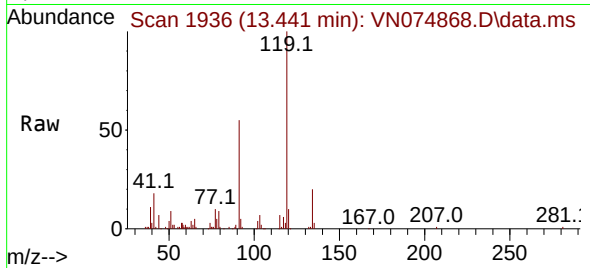
Tgt Ion: 91 Resp: 77708
Ion Ratio Lower Upper
91 100
126 36.9 0.0 67.8





#79
tert-butylbenzene
Concen: 4.808 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

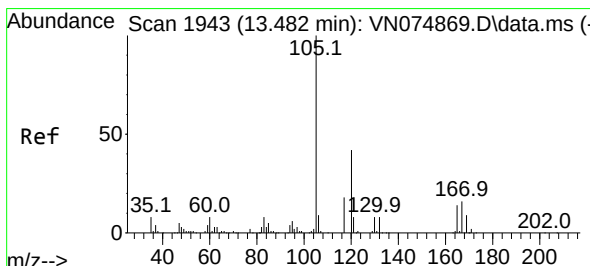
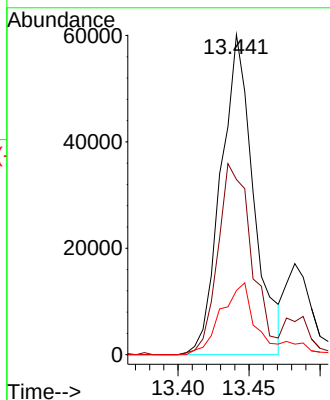
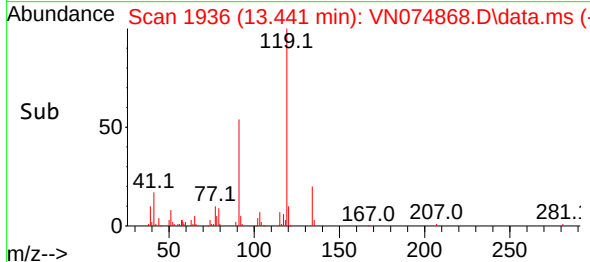
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



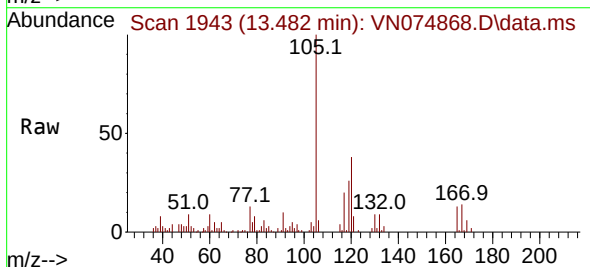
Tgt Ion:119 Resp: 96538
Ion Ratio Lower Upper
119 100
91 62.1 0.0 129.0
134 23.0 0.0 52.2

Manual Integrations
APPROVED

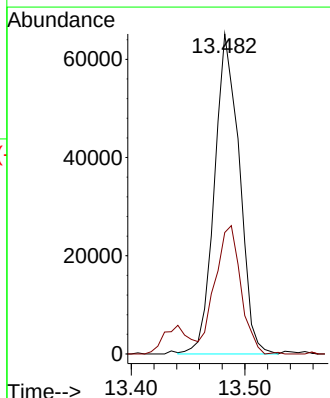
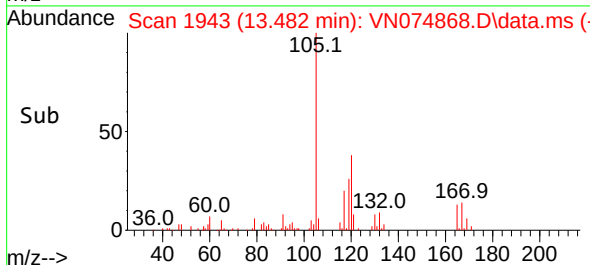
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

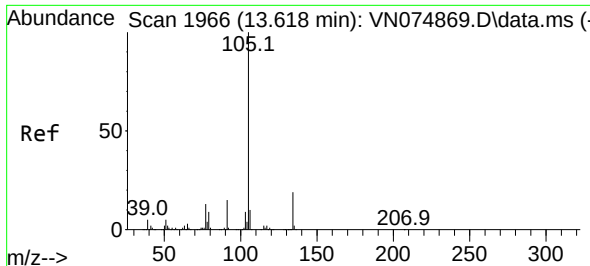


#80
1,2,4-Trimethylbenzene
Concen: 4.365 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38



Tgt Ion:105 Resp: 99147
Ion Ratio Lower Upper
105 100
120 41.4 0.0 93.2





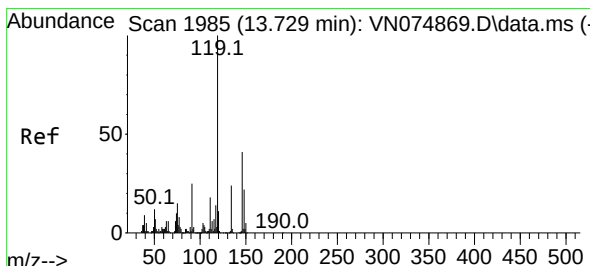
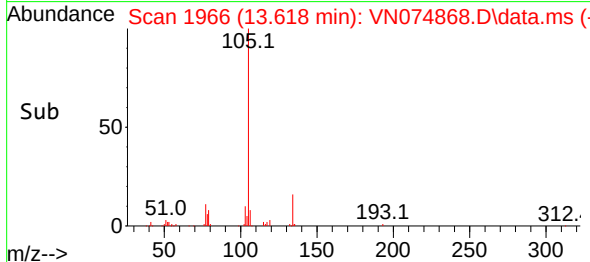
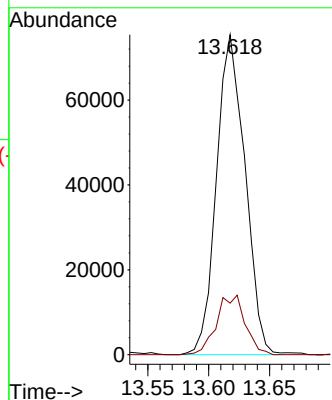
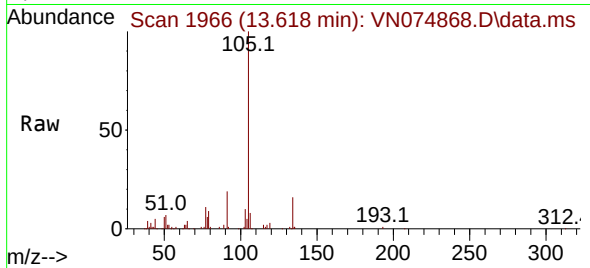
#81
 sec-Butylbenzene
 Concen: 4.267 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074868.D
 Acq: 12 Oct 2022 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 123130
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.8

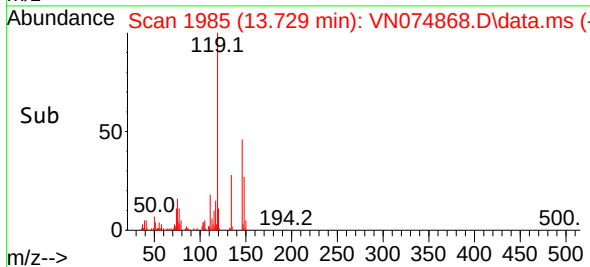
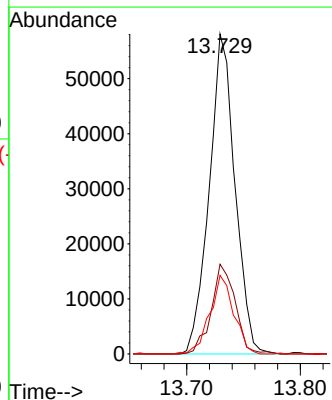
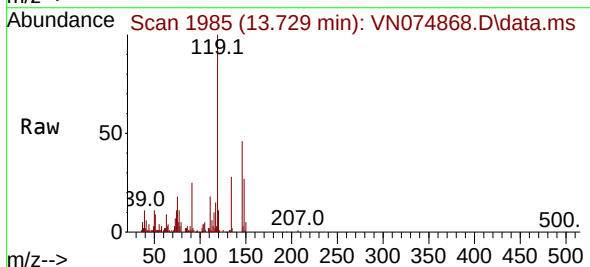
Manual Integrations
 APPROVED

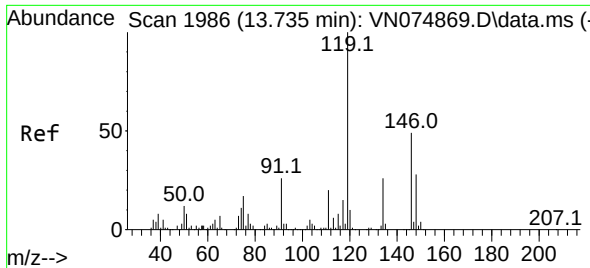
Reviewed By :Krupa Patel 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#82
 p-Isopropyltoluene
 Concen: 3.991 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074868.D
 Acq: 12 Oct 2022 10:38

Tgt Ion:119 Resp: 91506
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.4
 91 22.8 0.0 46.8





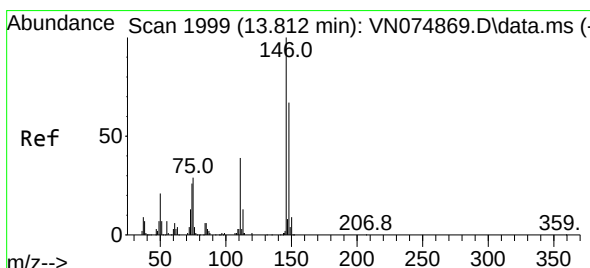
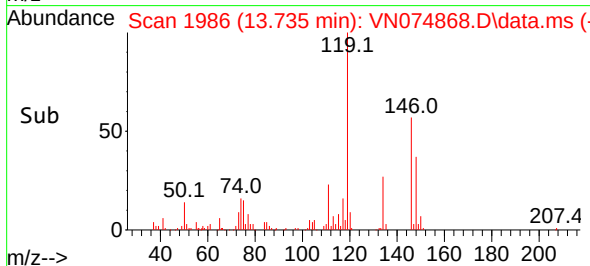
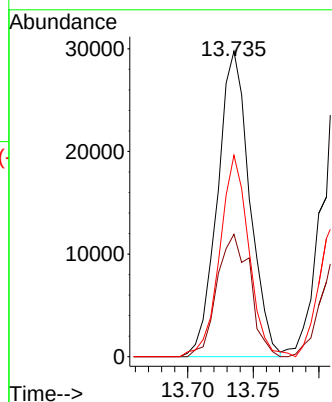
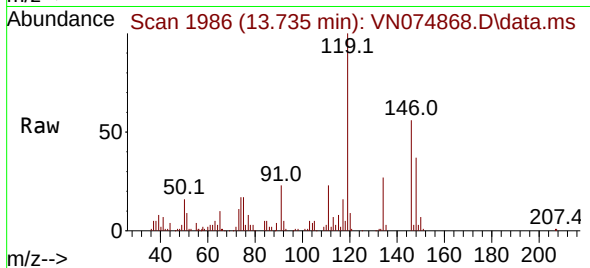
#83
1,3-Dichlorobenzene
Concen: 4.472 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 50790
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.5
148 59.5 31.0 93.0

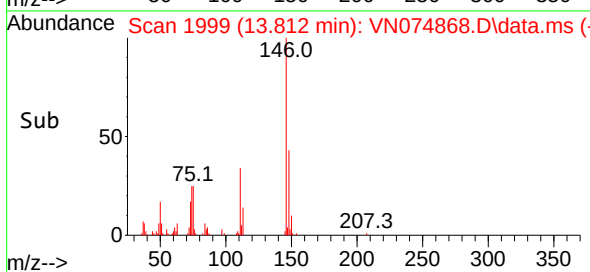
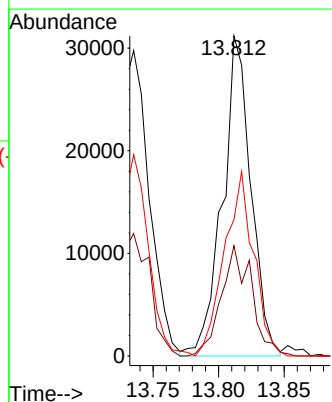
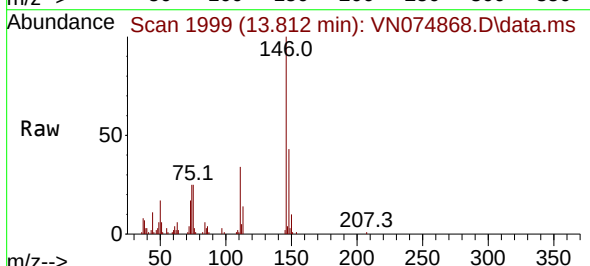
Manual Integrations
APPROVED

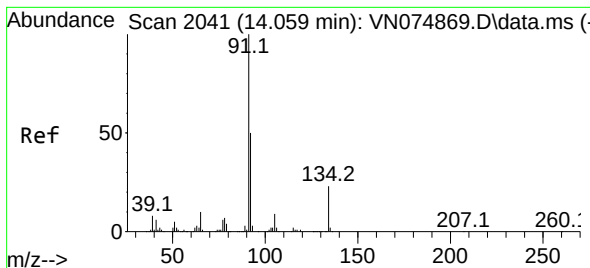
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#84
1,4-Dichlorobenzene
Concen: 4.320 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Tgt Ion:146 Resp: 47125
Ion Ratio Lower Upper
146 100
111 36.8 19.1 57.5
148 59.3 31.7 95.1





#85

n-Butylbenzene

Concen: 3.699 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

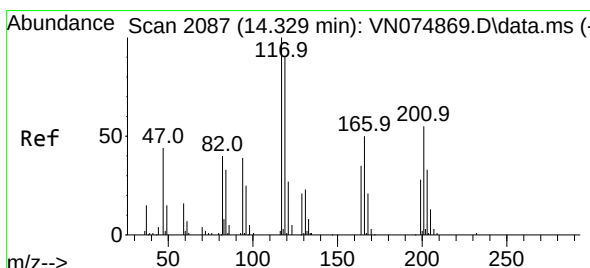
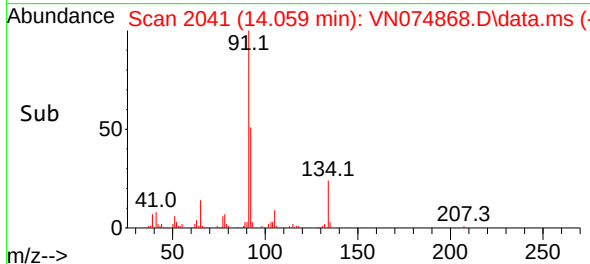
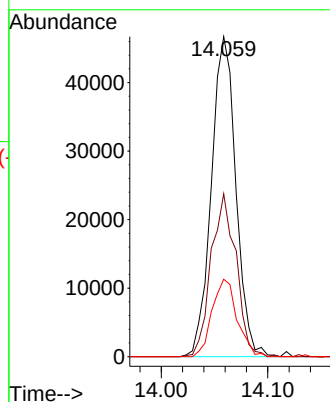
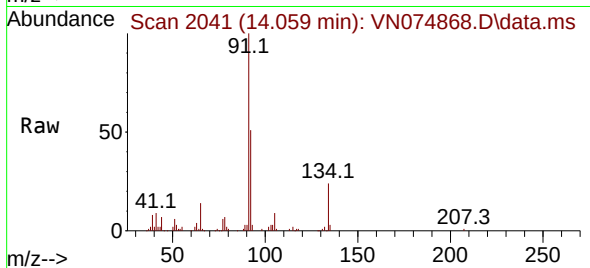
Tgt Ion:	91	Resp:	7486
Ion Ratio	Lower	Upper	
91	100		
92	51.5	0.0	105.4
134	24.7	0.0	46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#86

Hexachloroethane

Concen: 4.430 ug/l

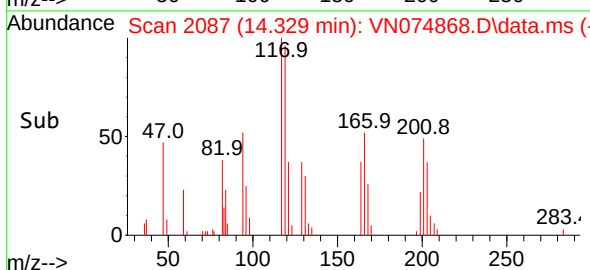
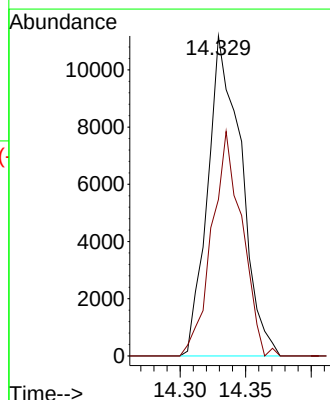
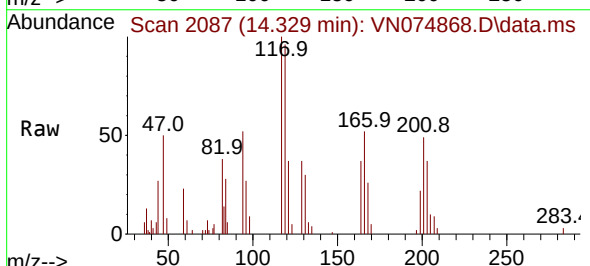
RT: 14.329 min Scan# 2087

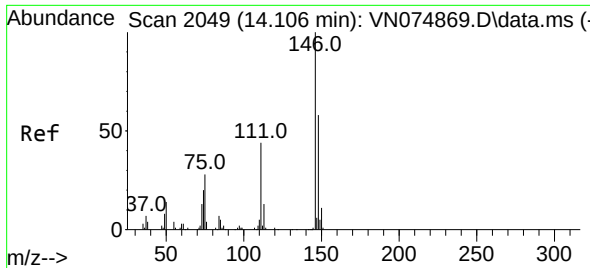
Delta R.T. -0.000 min

Lab File: VN074868.D

Acq: 12 Oct 2022 10:38

Tgt Ion:	117	Resp:	19893
Ion Ratio	Lower	Upper	
117	100		
201	62.7	29.4	88.3





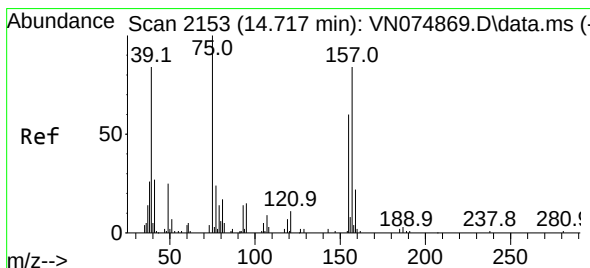
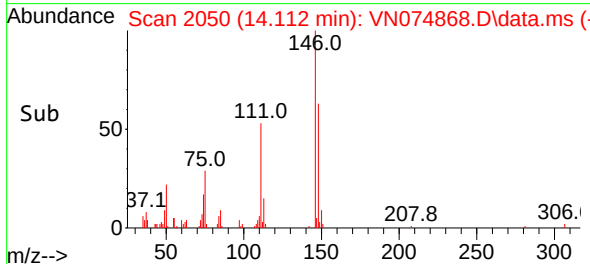
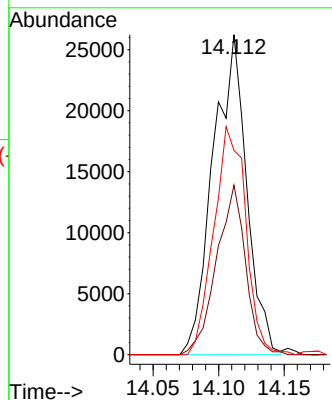
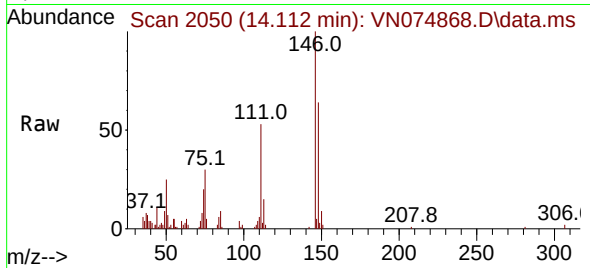
#87
1,2-Dichlorobenzene
Concen: 4.138 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 46659
Ion Ratio Lower Upper
146 100
111 45.9 21.4 64.2
148 68.1 30.6 92.0

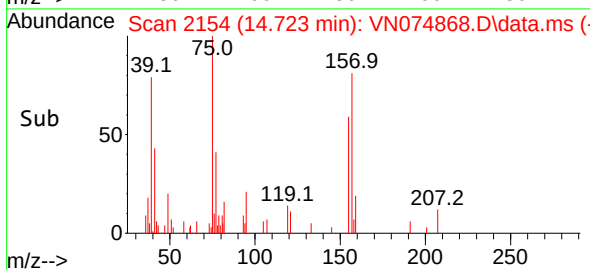
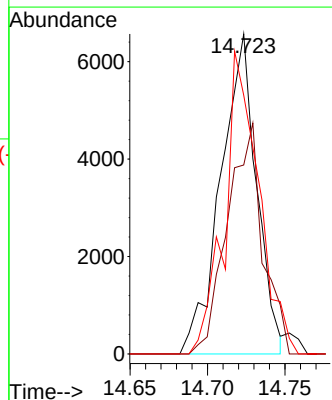
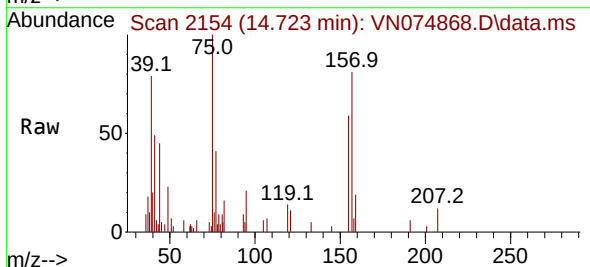
Manual Integrations
APPROVED

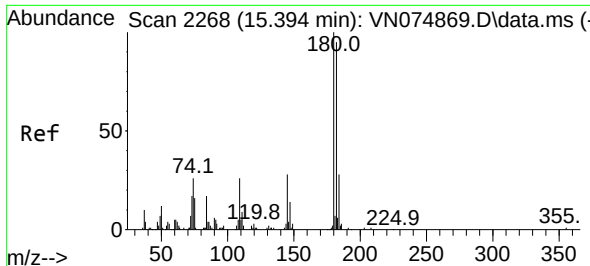
Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 5.031 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

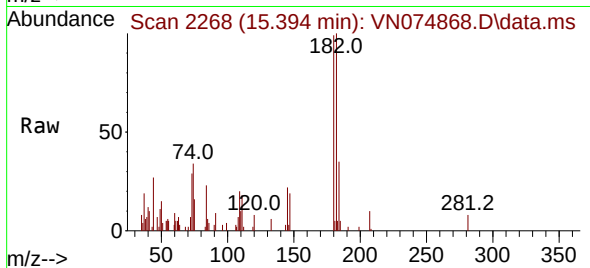
Tgt Ion: 75 Resp: 10550
Ion Ratio Lower Upper
75 100
155 71.6 66.3 99.5
157 89.9 84.3 126.5





#89
 1,2,4-Trichlorobenzene
 Concen: 3.987 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN074868.D
 Acq: 12 Oct 2022 10:38

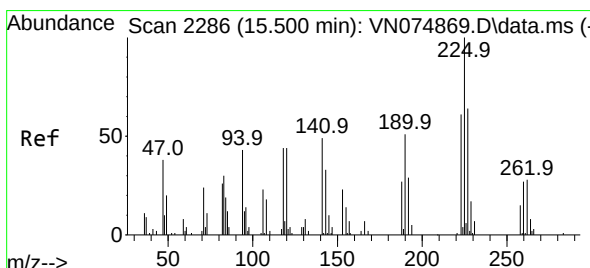
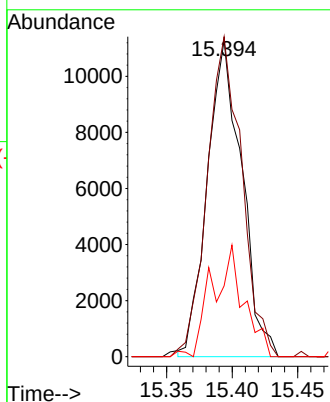
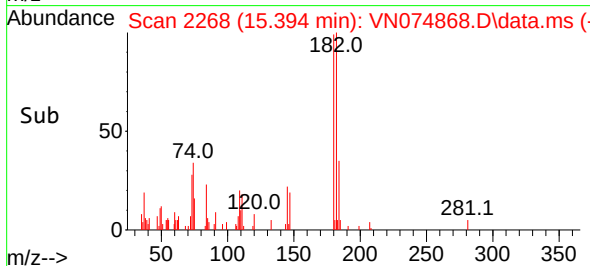
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:180 Resp: 20534
 Ion Ratio Lower Upper
 180 100
 182 101.8 74.9 112.3
 145 20.9 26.3 39.5

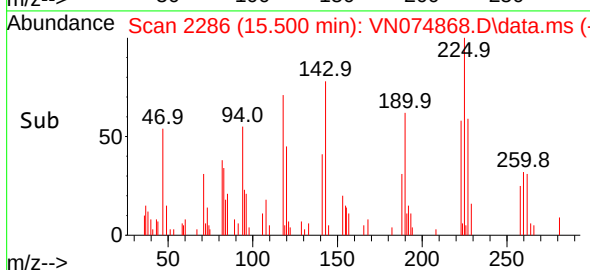
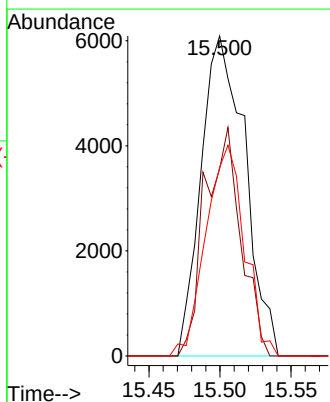
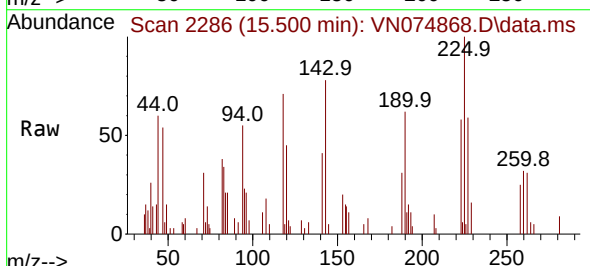
Manual Integrations
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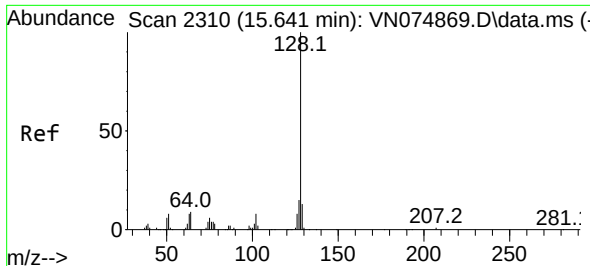
Reviewed By :Krupa Patel 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#90
 Hexachlorobutadiene
 Concen: 5.216 ug/l
 RT: 15.500 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN074868.D
 Acq: 12 Oct 2022 10:38

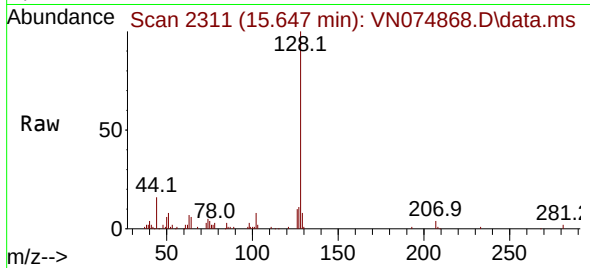
Tgt Ion:225 Resp: 13098
 Ion Ratio Lower Upper
 225 100
 223 38.0 0.0 125.0
 227 58.1 0.0 123.0





#91
Naphthalene
Concen: 3.789 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38

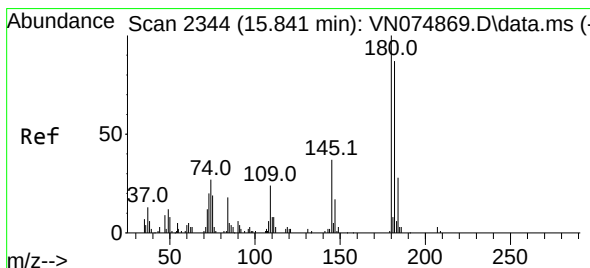
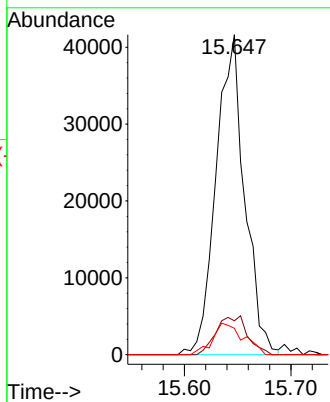
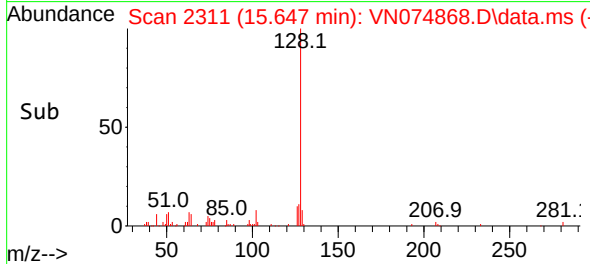
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



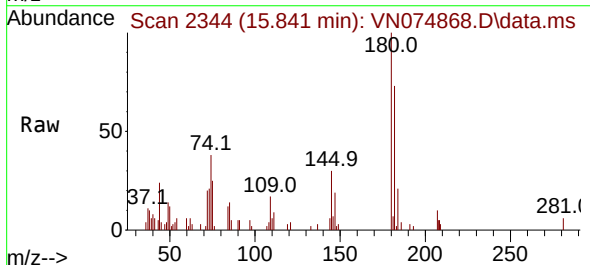
Tgt Ion:128 Resp: 77432
Ion Ratio Lower Upper
128 100
127 8.5 10.7 16.1
129 8.4 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#92
1,2,3-Trichlorobenzene
Concen: 4.476 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074868.D
Acq: 12 Oct 2022 10:38



Tgt Ion:180 Resp: 24114
Ion Ratio Lower Upper
180 100
182 76.5 0.0 185.4
145 24.9 0.0 68.6

