

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042123\
 Data File : VN077417.D
 Acq On : 21 Apr 2023 09:50
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Apr 22 02:38:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 04/24/2023
 Supervised By :Mahesh
 Dadoda
 04/24/2023

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

Internal Standards						
1) Bromochloromethane	7.819	128	60903	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	465642	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	513827	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	154402	29.893	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.633%		
60) 4-Bromofluorobenzene	12.854	95	258613	29.107	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.033%		
63) Toluene-d8	10.571	98	525912	29.115	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.033%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	110459	19.078	ug/l	96
3) Chloromethane	2.372	50	104495	13.585	ug/l	99
4) Vinyl Chloride	2.525	62	146730	13.318	ug/l	93
5) Bromomethane	2.960	94	121847	14.676	ug/l	95
6) Chloroethane	3.125	64	110562	14.971	ug/l	98
7) Trichlorofluoromethane	3.507	101	203552	19.842	ug/l	96
8) Diethyl Ether	3.972	74	78069	17.854	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	131139	20.442	ug/l	97
10) 1,1-Dichloroethene	4.348	96	116205	18.107	ug/l	93
11) Methyl Iodide	4.601	142	148102	20.427	ug/l	97
12) Methyl Acetate	5.031	43	151300	15.824	ug/l	89
13) Acrolein	4.184	56	101625	85.630	ug/l	99
14) Acrylonitrile	5.731	53	256324	78.429	ug/l	98
15) Acetone	4.442	58	85461	72.079	ug/l	86
16) Carbon Disulfide	4.719	76	276219	16.307	ug/l #	93
17) Allyl chloride	5.031	41	131533	15.922	ug/l	93
18) Methylene Chloride	5.284	84	132330	17.756	ug/l	92
19) trans-1,2-Dichloroethene	5.795	96	130529	18.706	ug/l	95
20) Diisopropyl ether	6.678	45	324834	16.498	ug/l	97
21) 1,1-Dichloroethane	6.578	63	221193	17.724	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	158713	18.658	ug/l	98
23) tert-Butyl Alcohol	5.525	59	101301	69.708	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	411270	17.801	ug/l #	76
25) Chloroform	7.972	83	255039	18.857	ug/l	98
26) Cyclohexane	8.260	56	180094	16.607	ug/l #	92
29) 1,1-Dichloropropene	8.372	75	188629	18.700	ug/l	99
30) 2-Butanone	7.489	43	335832	70.404	ug/l	95
31) 2,2-Dichloropropane	7.495	77	224906	18.163	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	234210	18.867	ug/l	98
33) Carbon Tetrachloride	8.366	117	208701	19.698	ug/l	92
34) Benzene	8.613	78	568219	18.206	ug/l	99
35) Methacrylonitrile	7.789	41	72546	16.145	ug/l	97
36) 1,2-Dichloroethane	8.672	62	185799	18.988	ug/l	99
37) Trichloroethene	9.354	130	146134	19.142	ug/l	94
38) Methylcyclohexane	9.607	83	247518	18.092	ug/l	97
39) 1,2-Dichloropropane	9.624	63	134089	17.306	ug/l	99
40) Dibromomethane	9.713	93	104157	18.658	ug/l	99
41) Bromodichloromethane	9.889	83	205645	18.474	ug/l #	95
42) Vinyl Acetate	6.613	43	1210518m	87.684	ug/l	

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Reviewed By :John

Carlone

04/24/2023

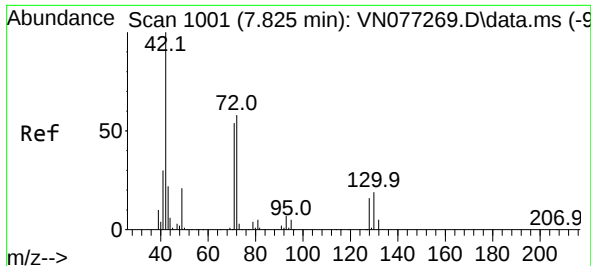
Supervised By :Mahesh

Dadoda

04/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.560	43	137709	15.604	ug/l	94
44) Isopropyl Acetate	8.695	43	246206	15.581	ug/l #	100
45) 1,4-Dioxane	9.695	88	52458	314.786	ug/l	98
46) Methyl methacrylate	9.683	41	107728	15.835	ug/l	90
47) n-amyl Acetate	12.495	43	209380	15.163	ug/l	96
48) t-1,3-Dichloropropene	10.836	75	218405	17.531	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	237760	17.940	ug/l	95
50) 1,1,2-Trichloroethane	11.019	97	151588	18.695	ug/l	98
51) Ethyl methacrylate	10.877	69	212154	17.037	ug/l	93
52) 1,3-Dichloropropane	11.166	76	245094	18.110	ug/l	99
53) Dibromochloromethane	11.360	129	159927	18.713	ug/l	99
54) 1,2-Dibromoethane	11.471	107	149935	18.419	ug/l	97
55) 2-Chloroethyl vinyl ether	10.160	63	379551	98.723	ug/l	95
56) Bromoform	12.583	173	101708	17.717	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	713139	74.126	ug/l	97
59) 2-Hexanone	11.195	43	532707	71.635	ug/l	98
61) Tetrachloroethene	11.107	164	112770	18.452	ug/l	96
62) Toluene	10.636	91	645626	18.009	ug/l	100
64) Chlorobenzene	11.895	112	401450	18.432	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.966	131	144891	18.090	ug/l	99
66) Ethyl Benzene	11.966	91	716086	18.029	ug/l	99
67) m/p-Xylenes	12.071	106	564190	36.240	ug/l	99
68) o-Xylene	12.401	106	282554	18.142	ug/l	100
69) Styrene	12.413	104	449159	18.000	ug/l	100
70) Isopropylbenzene	12.701	105	731817	18.514	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	208956	17.263	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	150825m	18.331	ug/l	
73) Bromobenzene	12.983	156	149786	18.652	ug/l	94
74) n-propylbenzene	13.036	91	805847	18.427	ug/l	100
75) 2-Chlorotoluene	13.130	91	484727	18.502	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	564872	17.559	ug/l	97
77) t-1,4-Dichloro-2-butene	12.736	75	62542	14.923	ug/l	91
78) 4-Chlorotoluene	13.224	91	459566	18.564	ug/l	99
79) tert-butylbenzene	13.442	119	521849	18.639	ug/l	98
80) 1,2,4-Trimethylbenzene	13.489	105	531535	16.949	ug/l	99
81) sec-Butylbenzene	13.618	105	738023	18.457	ug/l	100
82) p-Isopropyltoluene	13.730	119	571802	17.849	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	277662	18.236	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	271850	18.403	ug/l	97
85) n-Butylbenzene	14.059	91	456297	17.237	ug/l	99
86) Hexachloroethane	14.336	117	116859	17.148	ug/l	98
87) 1,2-Dichlorobenzene	14.107	146	280347	18.791	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	38548	16.619	ug/l	91
89) 1,2,4-Trichlorobenzene	15.365	180	75549	12.874	ug/l	99
90) Hexachlorobutadiene	15.465	225	59478	19.762	ug/l	97
91) Naphthalene	15.589	128	257227	11.474	ug/l	99
92) 1,2,3-Trichlorobenzene	15.759	180	69200	12.085	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

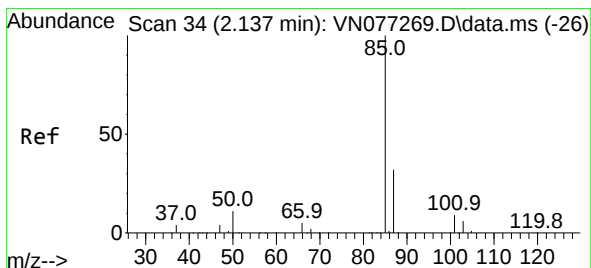
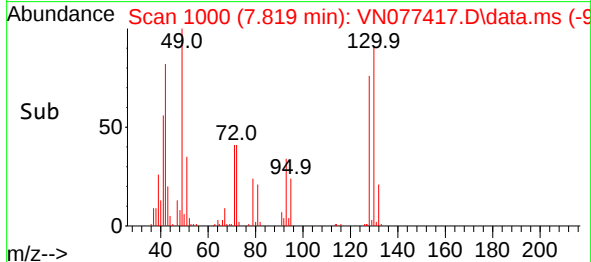
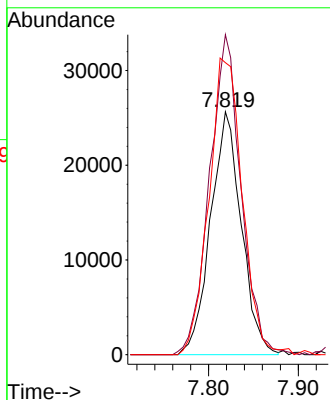
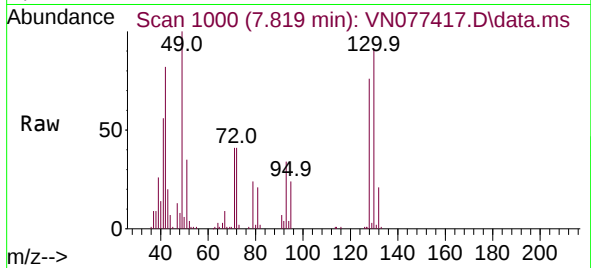
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 6090
Ion Ratio Lower Upper
128 100
49 135.1 0.0 379.5
130 132.5 0.0 322.8

Manual Integrations
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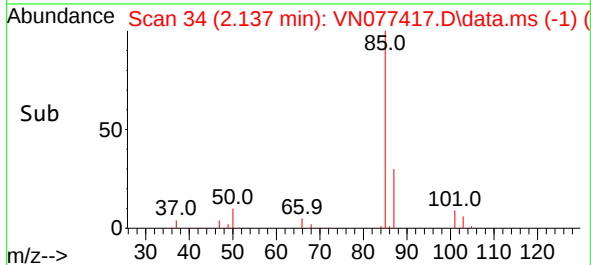
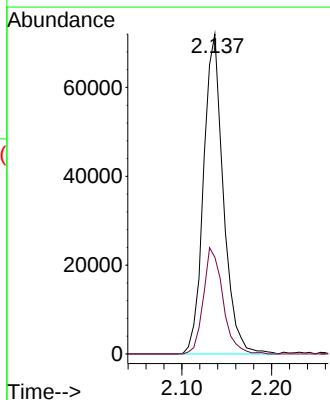
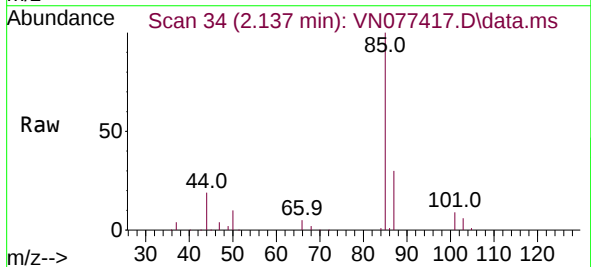
Reviewed By :John
Carlone
04/24/2023

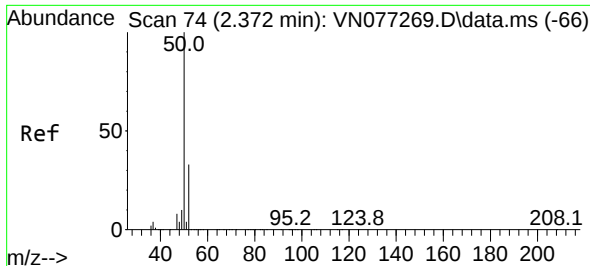
Supervised By :Mahesh
Dadoda
04/24/2023



#2
Dichlorodifluoromethane
Concen: 19.078 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

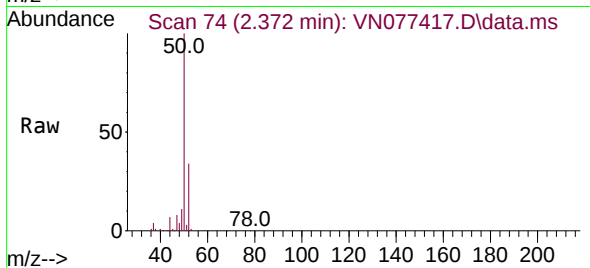
Tgt Ion: 85 Resp: 110459
Ion Ratio Lower Upper
85 100
87 30.2 16.2 48.6





#3
Chloromethane
Concen: 13.585 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

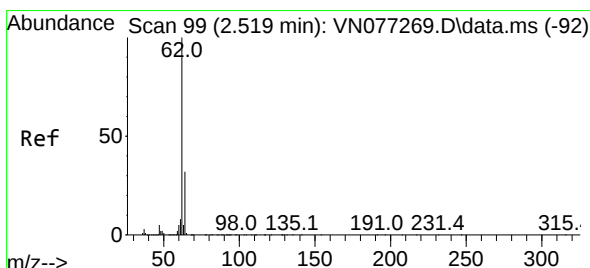
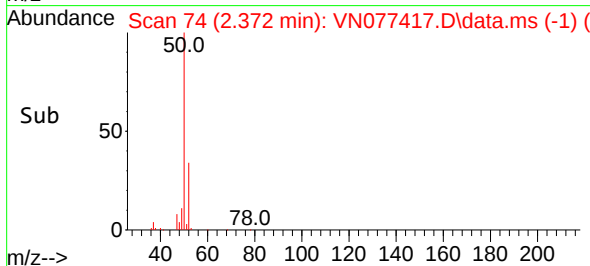
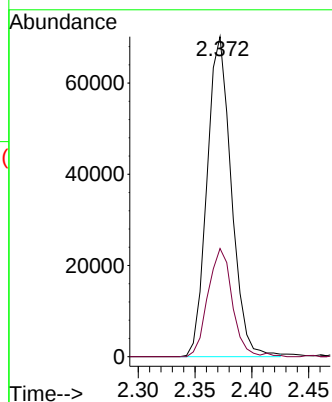


Tgt Ion: 50 Resp: 104495
Ion Ratio Lower Upper
50 100
52 33.8 26.4 39.6

Manual Integrations
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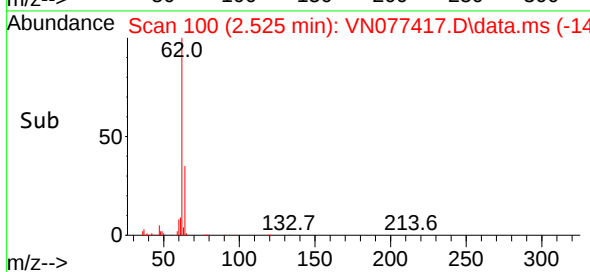
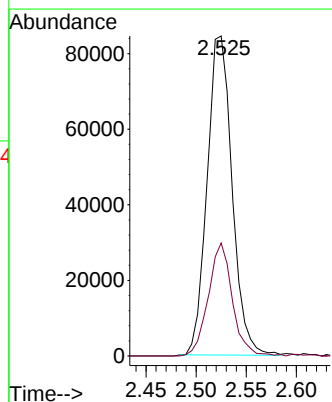
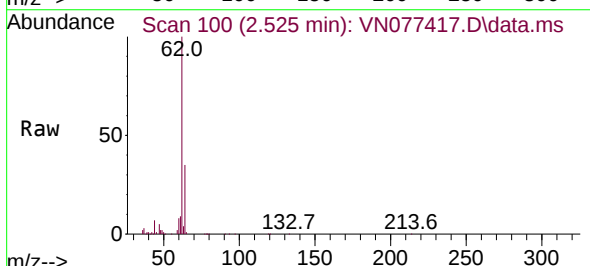
Reviewed By :John
Carlone
04/24/2023

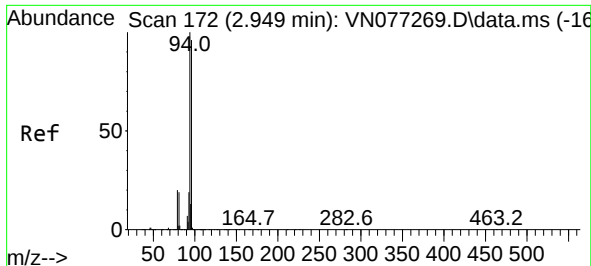
Supervised By :Mahesh
Dadoda
04/24/2023



#4
Vinyl Chloride
Concen: 13.318 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

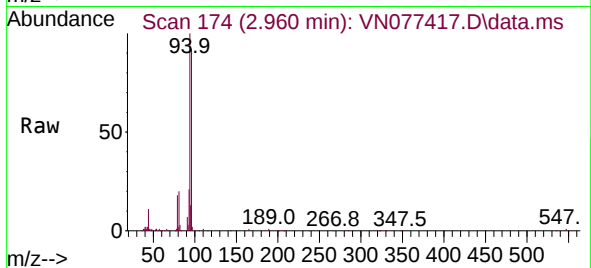
Tgt Ion: 62 Resp: 146730
Ion Ratio Lower Upper
62 100
64 35.4 25.4 38.0





#5
Bromomethane
Concen: 14.676 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

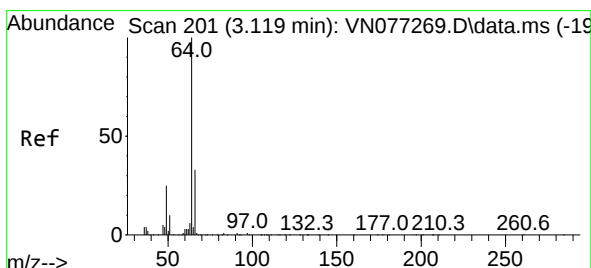
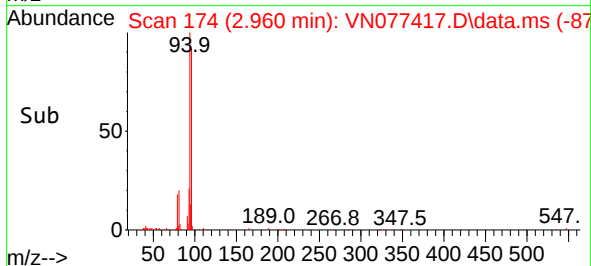
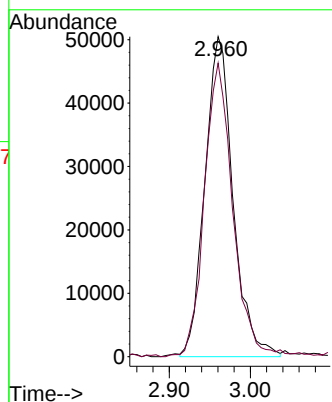


Tgt Ion: 94 Resp: 12184
Ion Ratio Lower Upper
94 100
96 91.8 77.0 115.6

Manual Integrations
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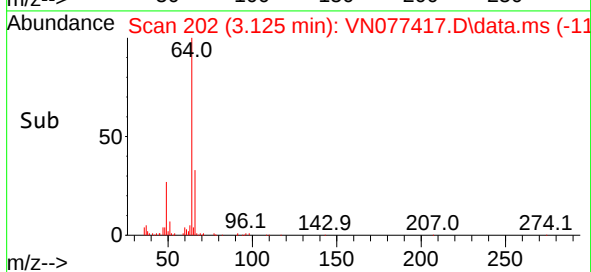
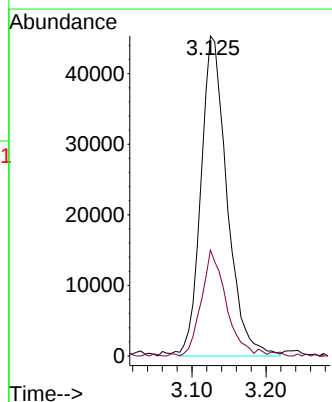
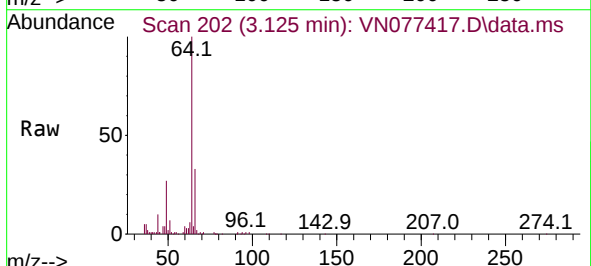
Reviewed By :John
Carlone
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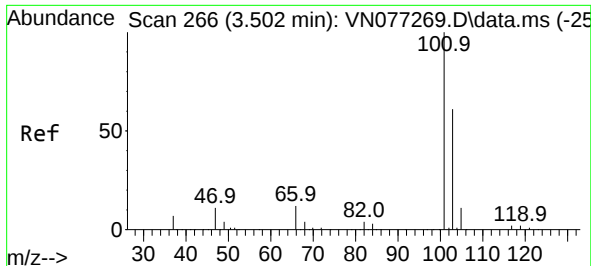
Supervised By :Mahesh
Dadoda
04/24/2023



#6
Chloroethane
Concen: 14.971 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Tgt Ion: 64 Resp: 110562
Ion Ratio Lower Upper
64 100
66 33.3 25.7 38.5





#7
Trichlorofluoromethane
Concen: 19.842 ug/l
RT: 3.507 min Scan# 203552
Delta R.T. 0.005 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:101 Resp: 203552
Ion Ratio Lower Upper
101 100
103 64.2 48.9 73.3

Manual Integrations
APPROVED

Reviewed By :John

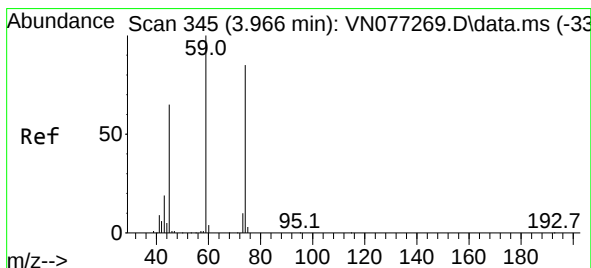
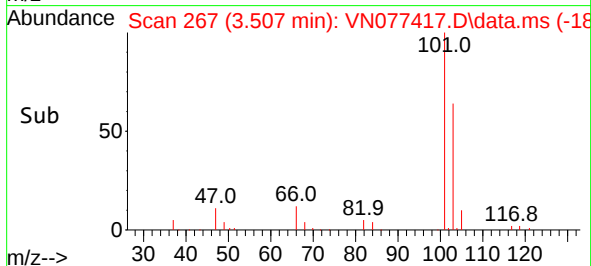
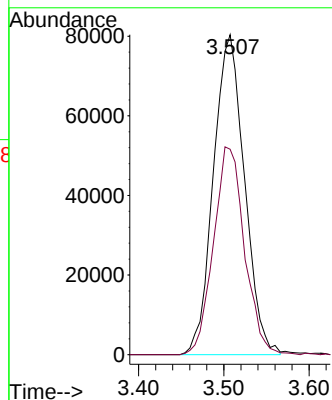
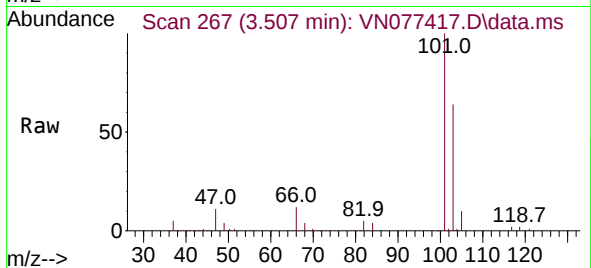
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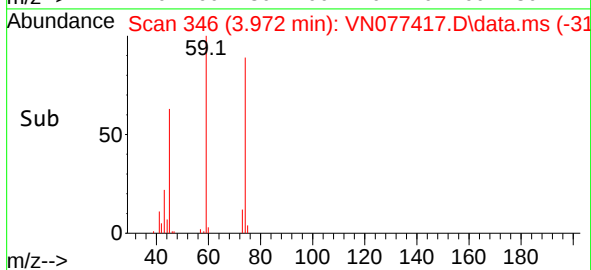
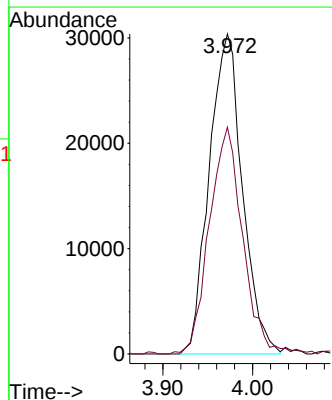
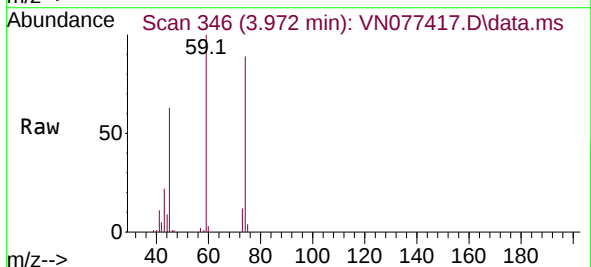
Dadoda

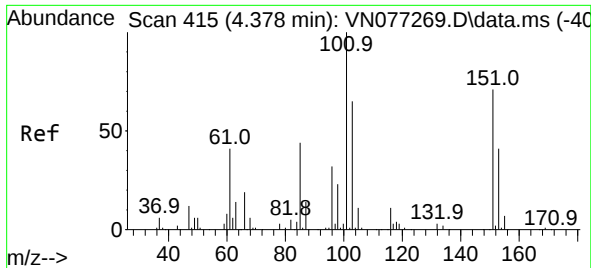
04/24/2023



#8
Diethyl Ether
Concen: 17.854 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

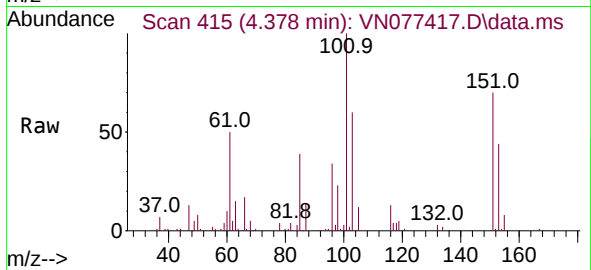
Tgt Ion: 74 Resp: 78069
Ion Ratio Lower Upper
74 100
45 69.7 14.8 133.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.442 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

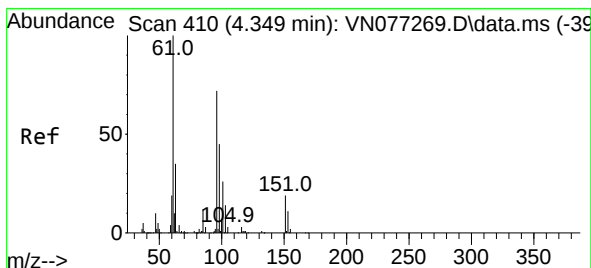
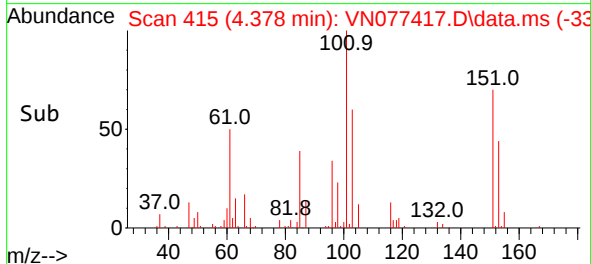
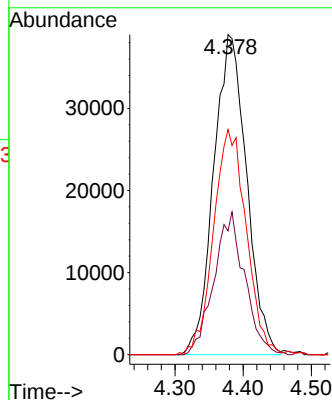


Tgt Ion:101 Resp: 131139
Ion Ratio Lower Upper
101 100
85 41.4 0.0 89.6
151 69.9 0.0 141.6

Manual Integrations
APPROVED

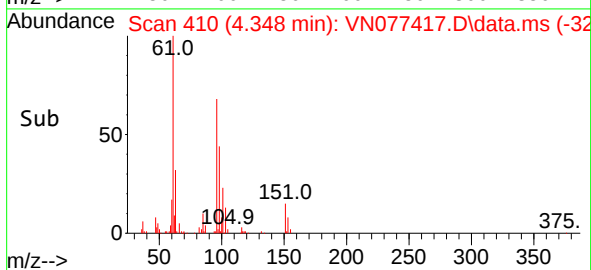
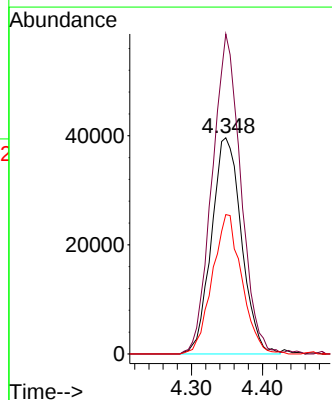
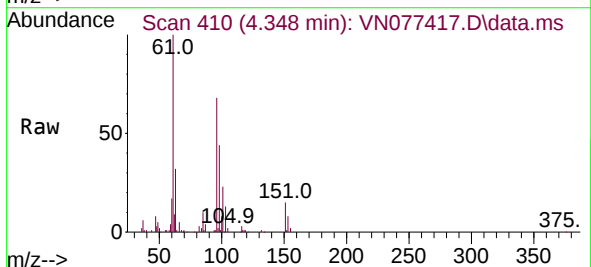
Reviewed By :John
Carlone
04/24/2023

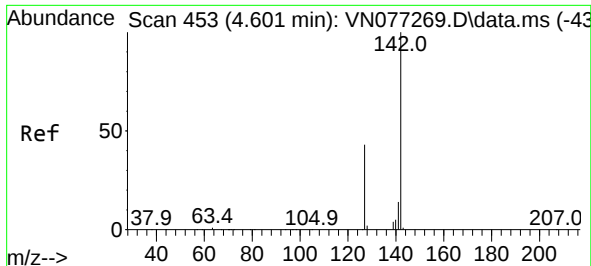
Supervised By :Mahesh
Dadoda
04/24/2023



#10
1,1-Dichloroethene
Concen: 18.107 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.001 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

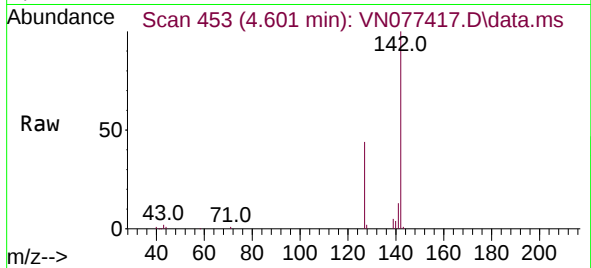
Tgt Ion: 96 Resp: 116205
Ion Ratio Lower Upper
96 100
61 148.1 110.7 166.1
98 64.5 49.6 74.4





#11
Methyl Iodide
Concen: 20.427 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

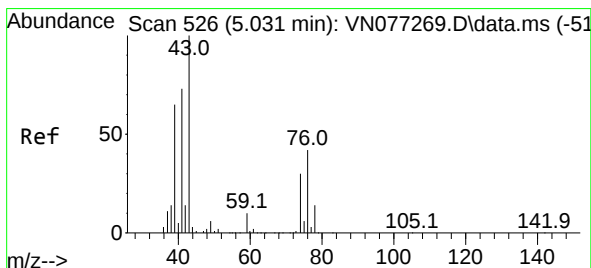
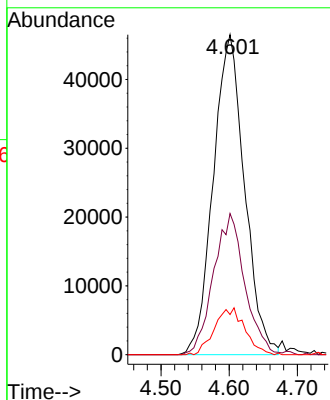
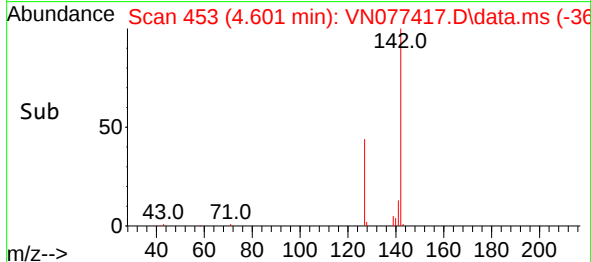


Tgt Ion:142 Resp: 14810
Ion Ratio Lower Upper
142 100
127 44.2 21.3 63.7
141 12.4 7.0 20.9

Manual Integrations
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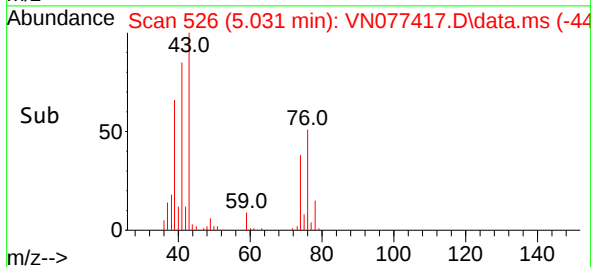
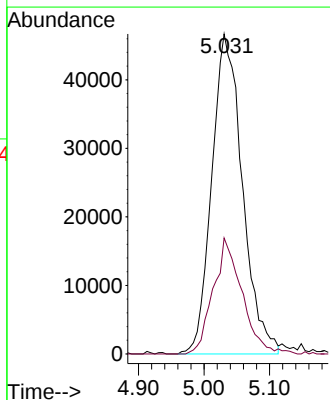
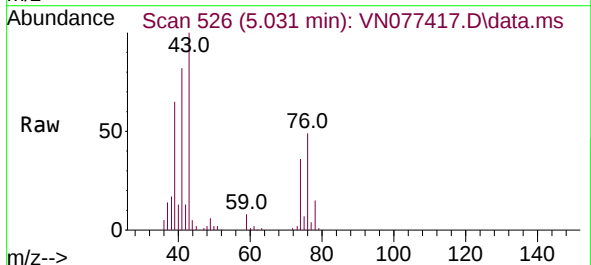
Reviewed By :John
Carlone
04/24/2023

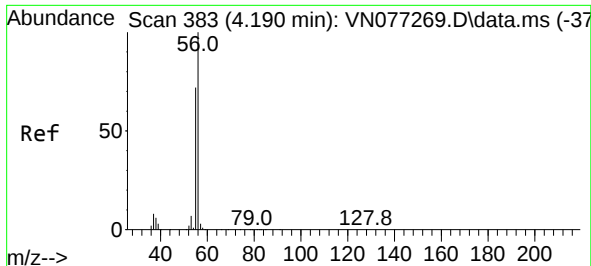
Supervised By :Mahesh
Dadoda
04/24/2023



#12
Methyl Acetate
Concen: 15.824 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Tgt Ion: 43 Resp: 151300
Ion Ratio Lower Upper
43 100
74 35.9 24.2 36.2





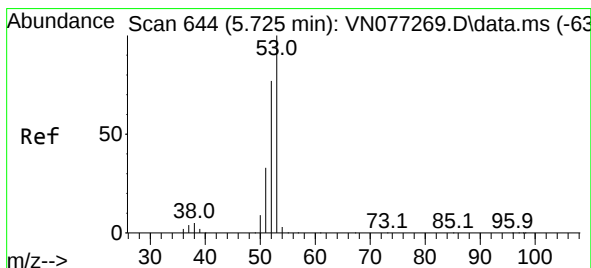
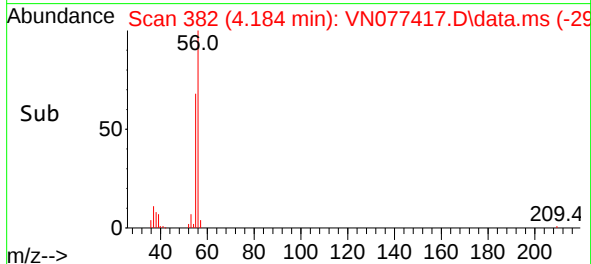
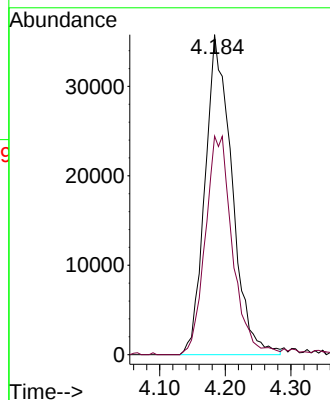
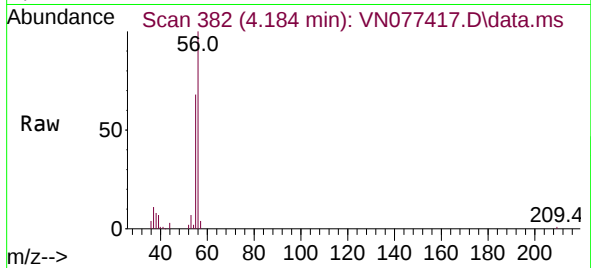
#13
Acrolein
Concen: 85.630 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 101629
Ion Ratio Lower Upper
56 100
55 68.3 55.2 82.8

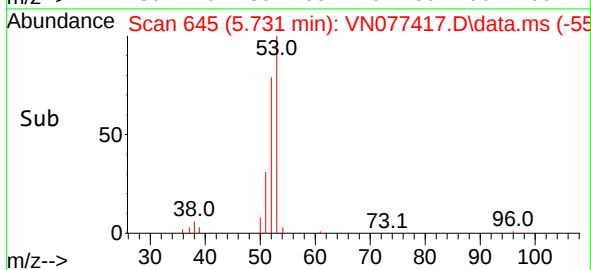
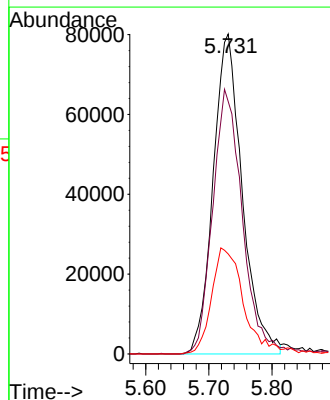
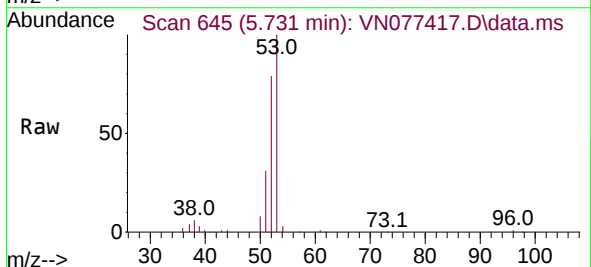
Manual Integrations
APPROVED

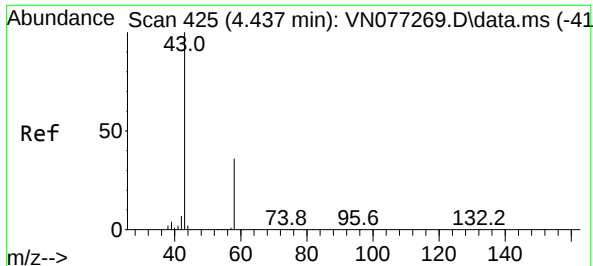
Reviewed By :John
Carlone
04/24/2023
Supervised By :Mahesh
Dadoda
04/24/2023



#14
Acrylonitrile
Concen: 78.429 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Tgt Ion: 53 Resp: 256324
Ion Ratio Lower Upper
53 100
52 84.0 41.0 123.0
51 35.2 17.7 53.1





#15

Acetone

Concen: 72.079 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.005 min

Lab File: VN077417.D

Acq: 21 Apr 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 8546

Ion Ratio Lower Upper

58 100

43 249.4 220.9 331.3

Manual Integrations

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Reviewed By :John

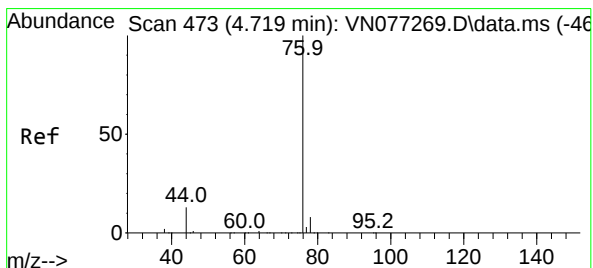
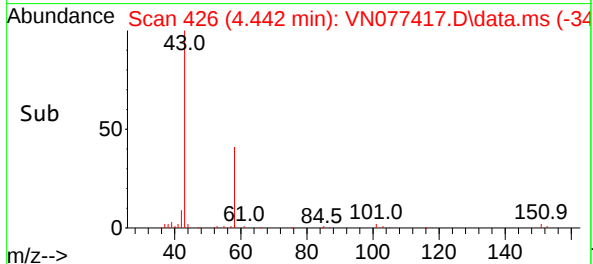
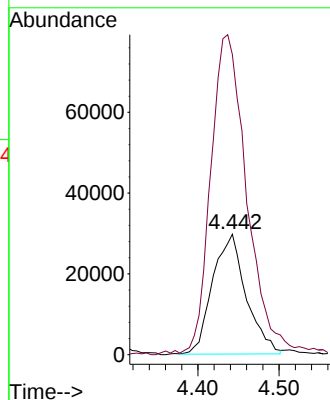
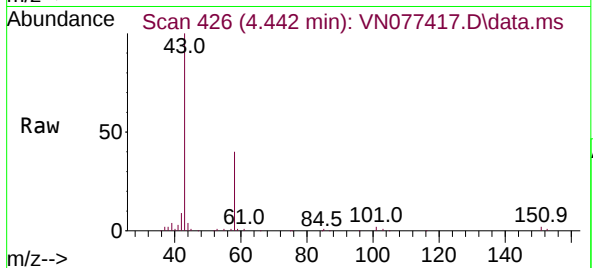
Carlone

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#16

Carbon Disulfide

Concen: 16.307 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN077417.D

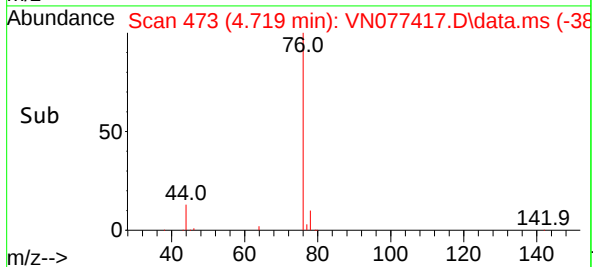
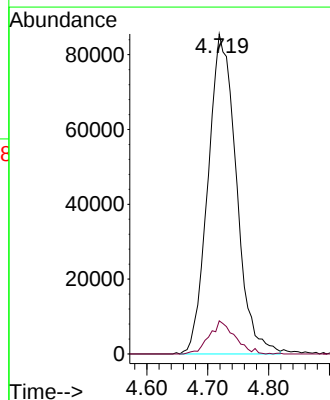
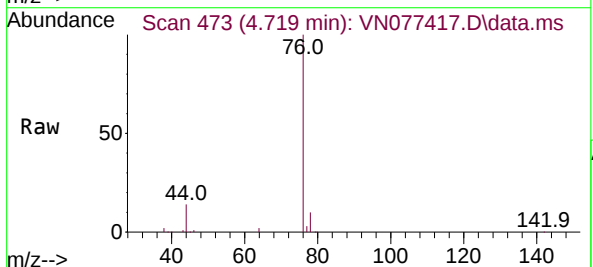
Acq: 21 Apr 2023 09:50

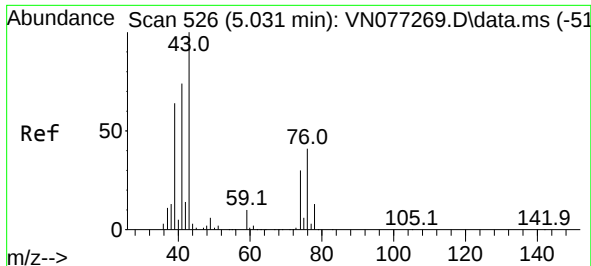
Tgt Ion: 76 Resp: 276219

Ion Ratio Lower Upper

76 100

78 10.4 6.3 9.5#





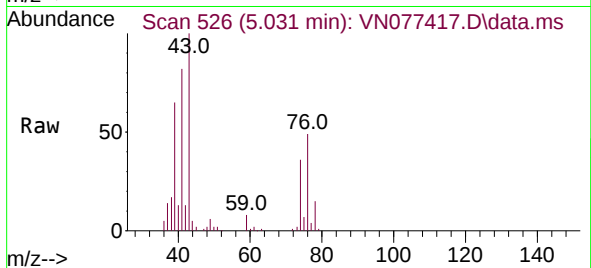
#17
Allyl chloride
Concen: 15.922 ug/l
RT: 5.031 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 41 Resp: 13153
Ion Ratio Lower Upper
41 100
39 78.6 40.3 120.9
76 60.9 25.3 75.8

Manual Integrations
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Reviewed By :John

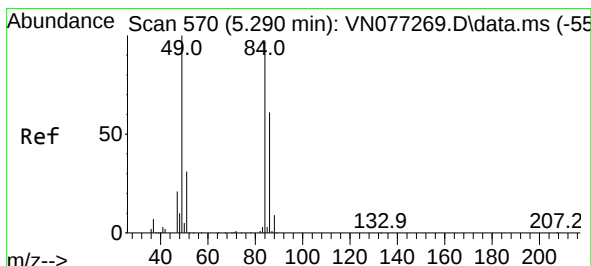
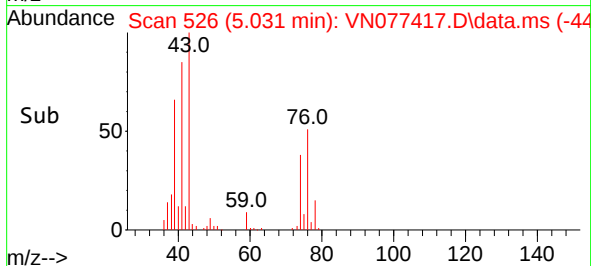
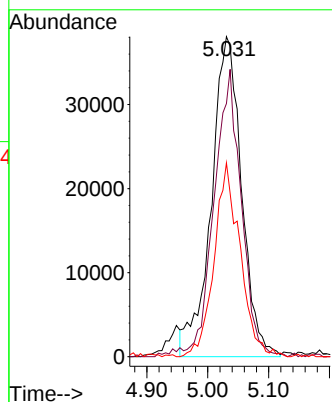
Carlone

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Supervised By :Mahesh

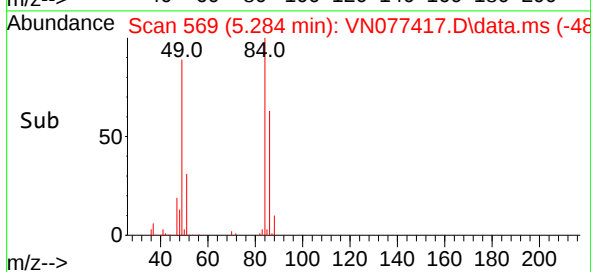
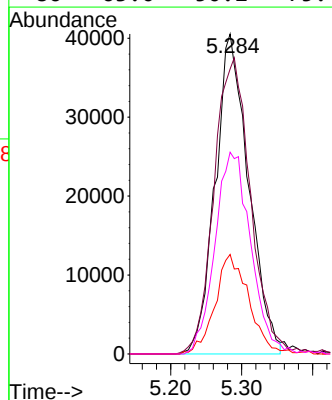
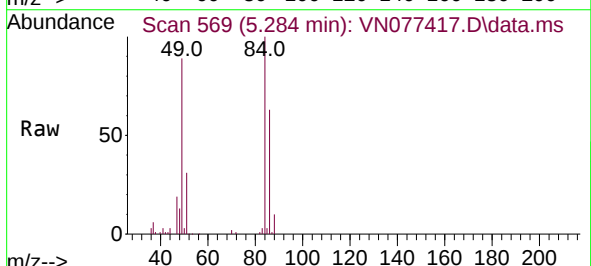
Dadoda

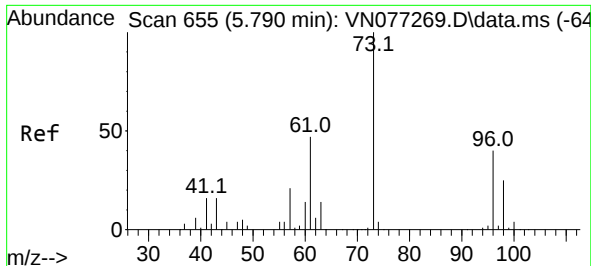
04/24/2023



#18
Methylene Chloride
Concen: 17.756 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Tgt Ion: 84 Resp: 132330
Ion Ratio Lower Upper
84 100
49 88.6 82.7 124.1
51 31.1 25.6 38.4
86 63.0 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 18.706 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.005 min

Lab File: VN077417.D

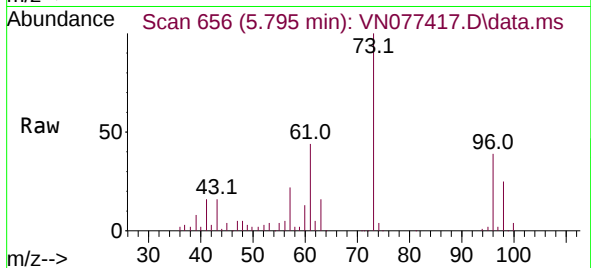
Acq: 21 Apr 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 96 Resp: 130529

Ion Ratio Lower Upper

96 100

61 110.9 94.5 141.7

98 65.0 49.8 74.8

Manual Integrations

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Reviewed By :John

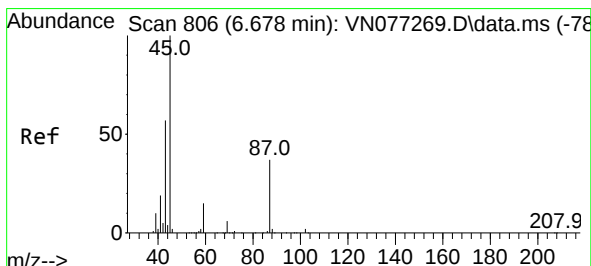
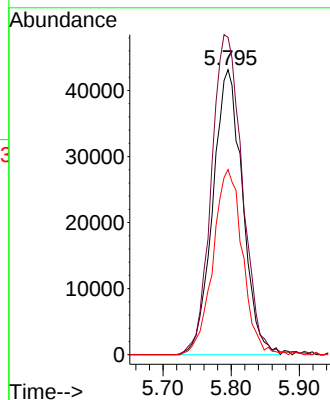
Carlone

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Supervised By :Mahesh

Dadoda

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#20

Diisopropyl ether

Concen: 16.498 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.000 min

Lab File: VN077417.D

Acq: 21 Apr 2023 09:50

Tgt Ion: 45 Resp: 324834

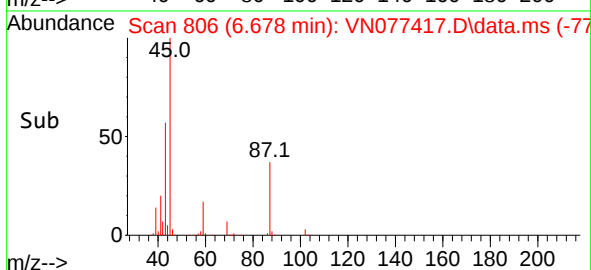
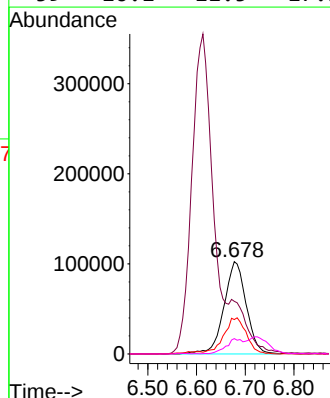
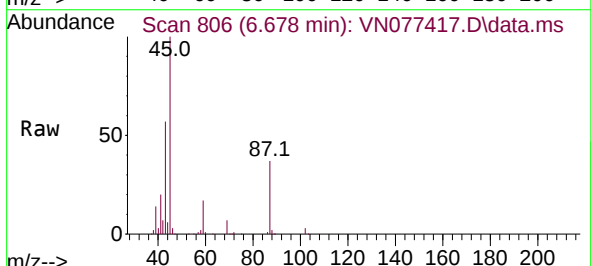
Ion Ratio Lower Upper

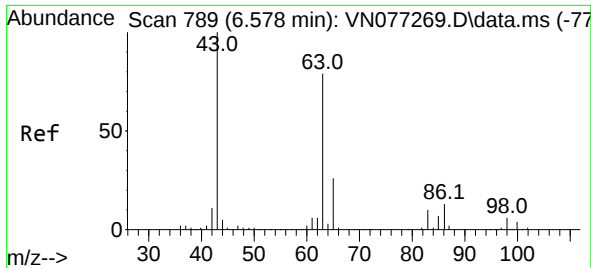
45 100

43 54.4 45.9 68.9

87 37.3 30.1 45.1

59 16.1 11.5 17.3





#21
1,1-Dichloroethane
Concen: 17.724 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

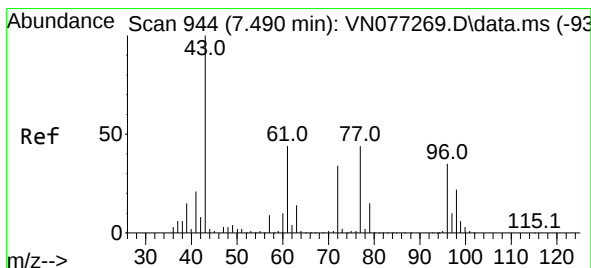
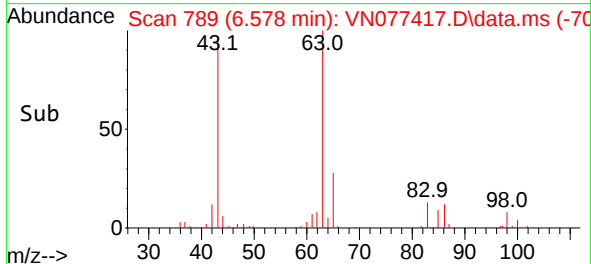
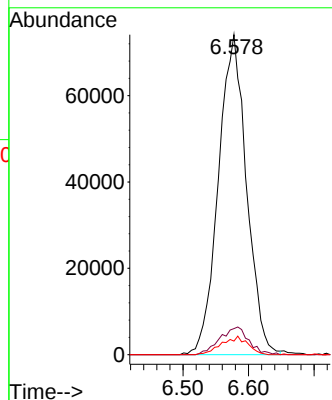
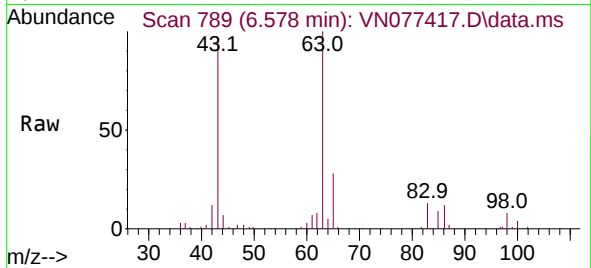
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 221193
Ion Ratio Lower Upper
63 100
98 8.2 3.9 11.7
100 4.2 2.3 6.8

Manual Integrations
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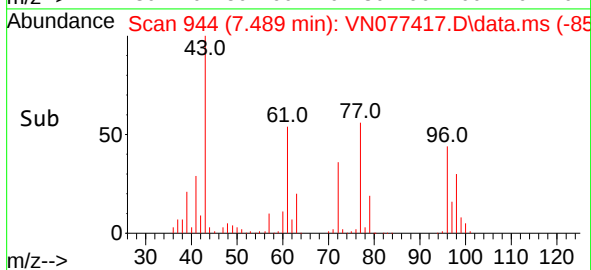
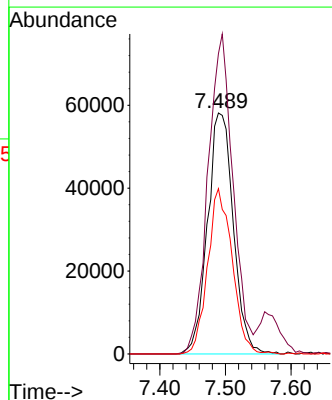
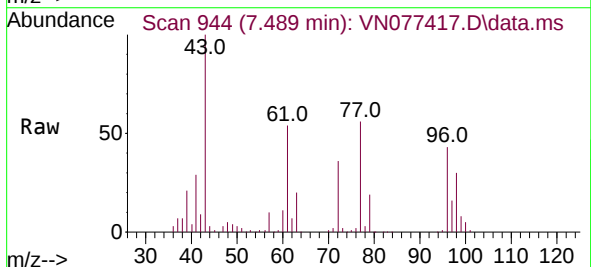
Reviewed By :John
Carlone
04/24/2023

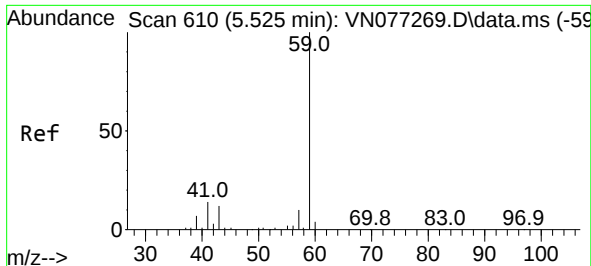
Supervised By :Mahesh
Dadoda
04/24/2023



#22
cis-1,2-Dichloroethene
Concen: 18.658 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

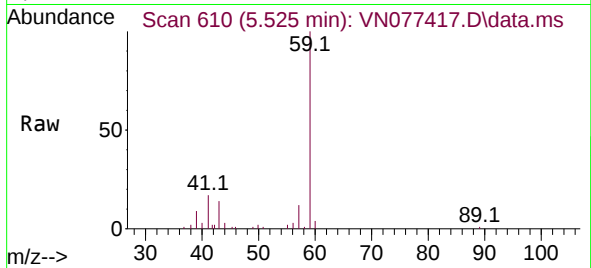
Tgt Ion: 96 Resp: 158713
Ion Ratio Lower Upper
96 100
61 128.9 105.5 158.3
98 65.0 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 69.708 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

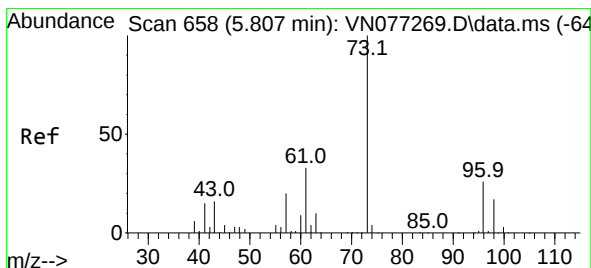
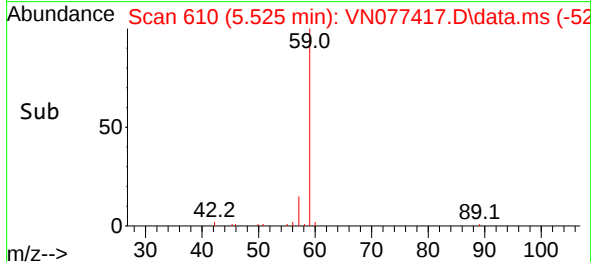
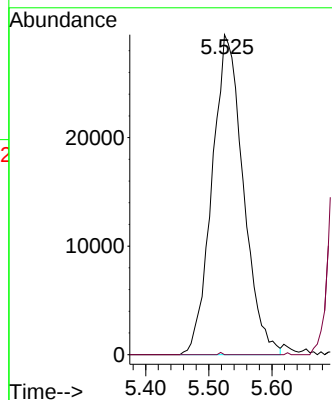


Tgt Ion: 59 Resp: 10130
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

Manual Integrations
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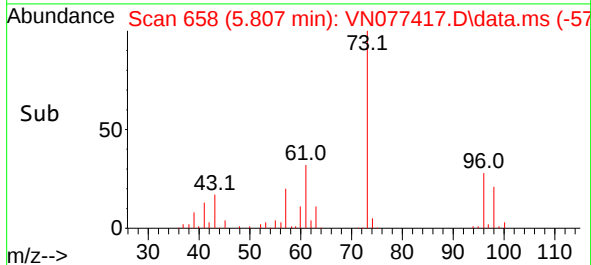
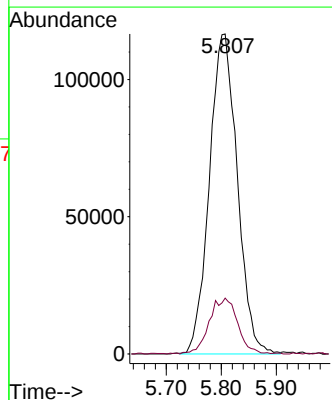
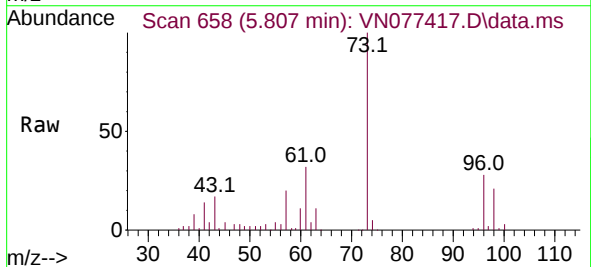
Reviewed By :John
Carlone
04/24/2023

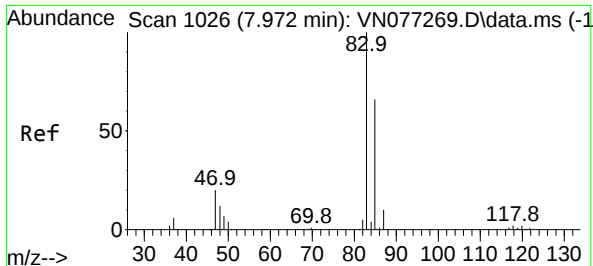
Supervised By :Mahesh
Dadoda
04/24/2023



#24
Methyl tert-Butyl Ether
Concen: 17.801 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Tgt Ion: 73 Resp: 411270
Ion Ratio Lower Upper
73 100
43 6.6 13.5 20.3





#25

Chloroform

Concen: 18.857 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077417.D

Acq: 21 Apr 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 255039

Ion Ratio Lower Upper

83 100

85 64.7 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :John

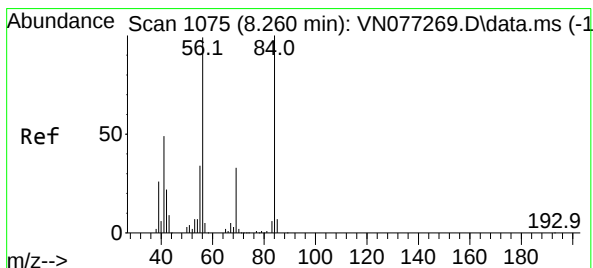
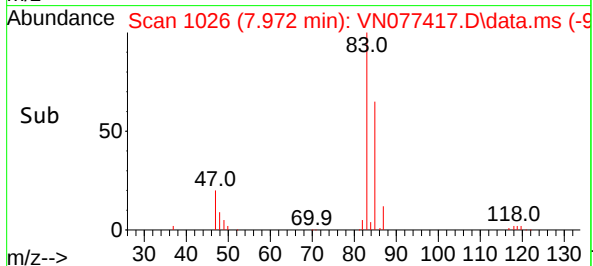
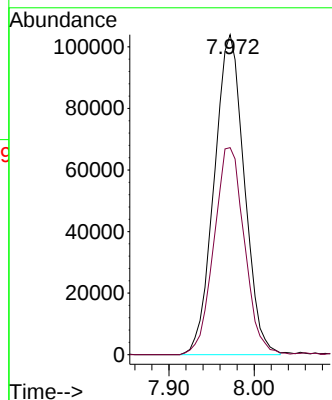
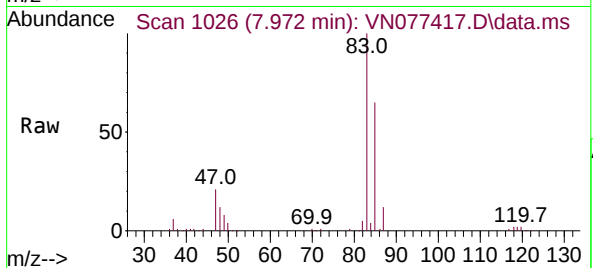
Carlone

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#26

Cyclohexane

Concen: 16.607 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077417.D

Acq: 21 Apr 2023 09:50

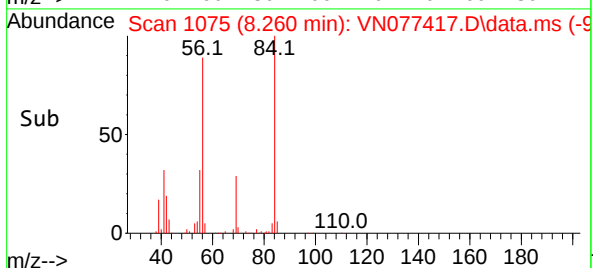
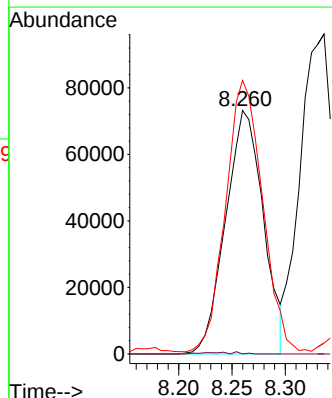
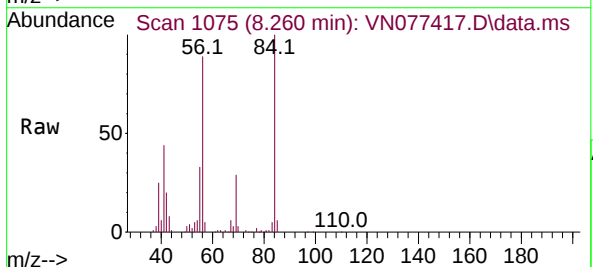
Tgt Ion: 56 Resp: 180094

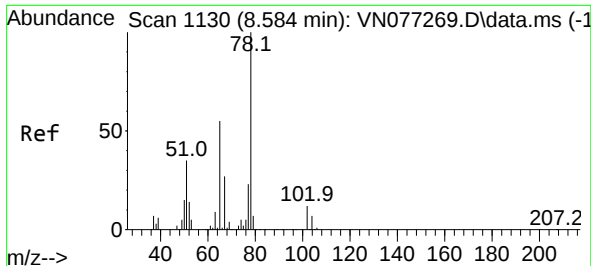
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 111.7 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 29.893 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077417.D

Acq: 21 Apr 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 15440

Ion Ratio Lower Upper

65 100

67 52.6 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :John

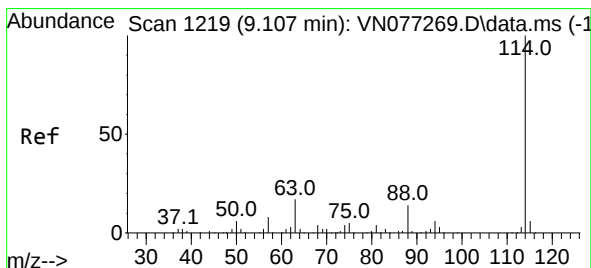
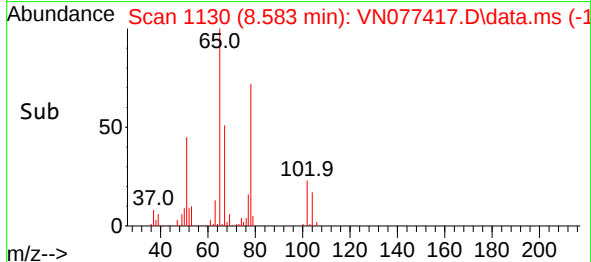
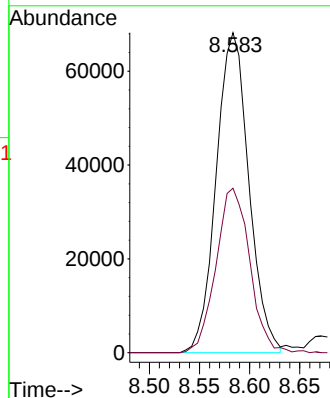
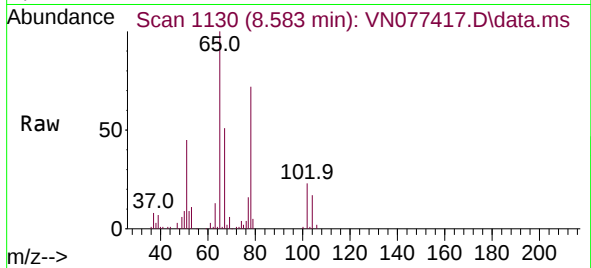
Carlone

04/24/2023

Supervised By :Mahesh

Dadoda

04/24/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077417.D

Acq: 21 Apr 2023 09:50

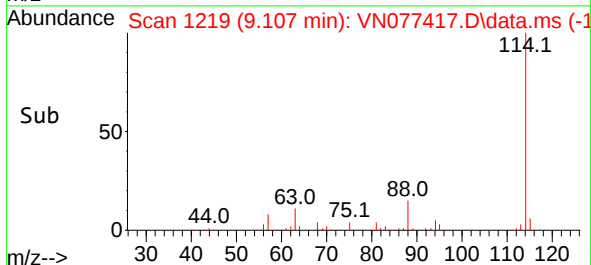
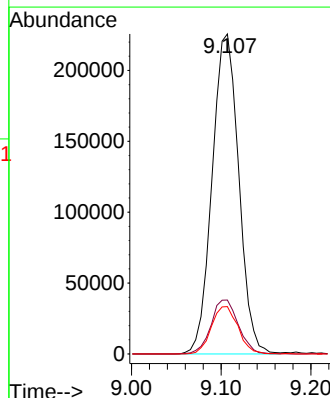
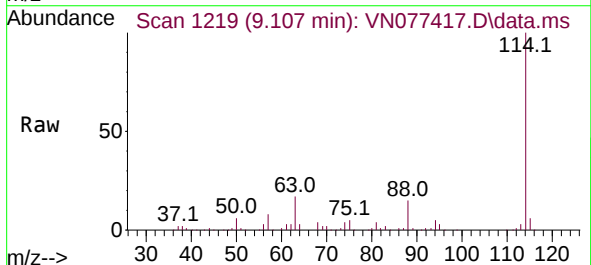
Tgt Ion:114 Resp: 465642

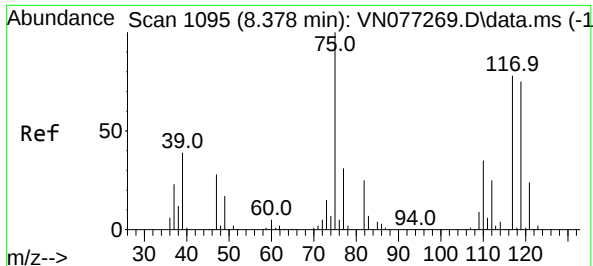
Ion Ratio Lower Upper

114 100

63 17.3 15.0 22.4

88 14.8 11.9 17.9





#29
1,1-Dichloropropene
Concen: 18.700 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 188629
Ion Ratio Lower Upper
75 100
110 36.3 0.0 72.4
77 30.1 0.0 61.4

Manual Integrations
APPROVED

Reviewed By :John

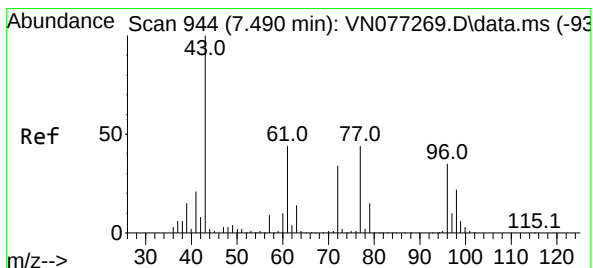
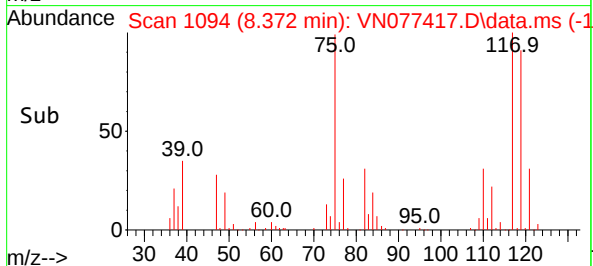
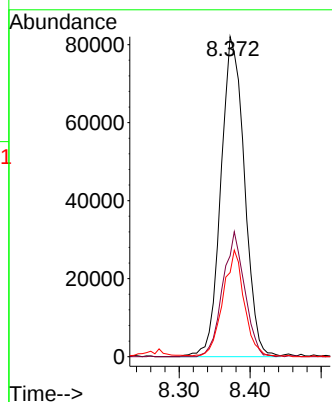
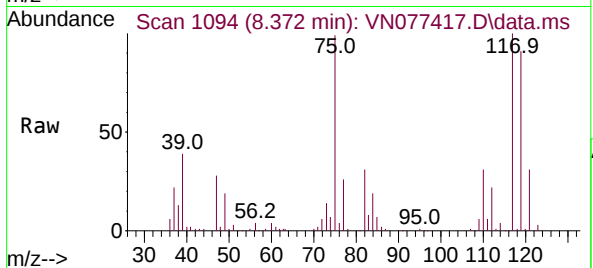
Carlone

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Supervised By :Mahesh

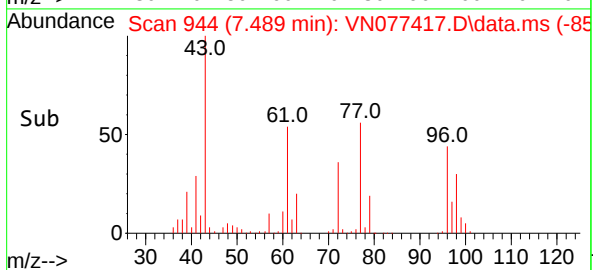
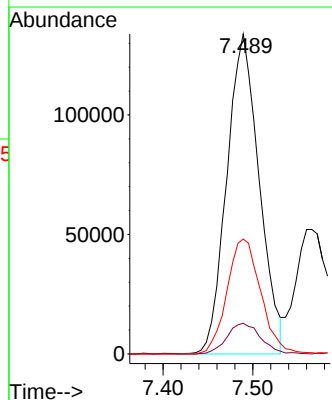
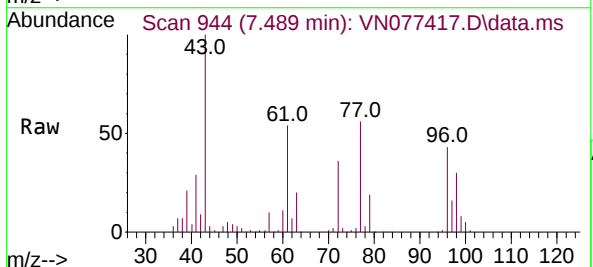
Dadoda

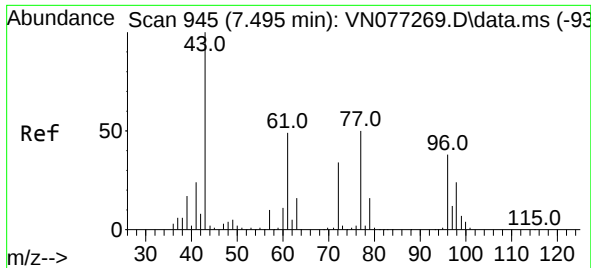
04/24/2023



#30
2-Butanone
Concen: 70.404 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

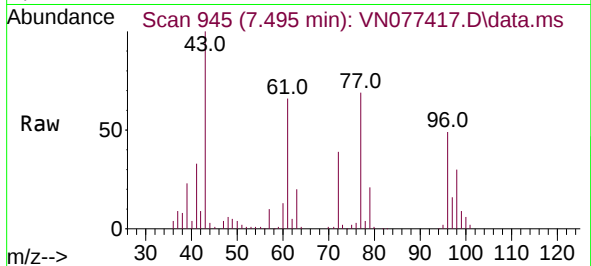
Tgt Ion: 43 Resp: 335832
Ion Ratio Lower Upper
43 100
57 9.9 7.5 11.3
72 37.4 26.9 40.3





#31
2,2-Dichloropropane
Concen: 18.163 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

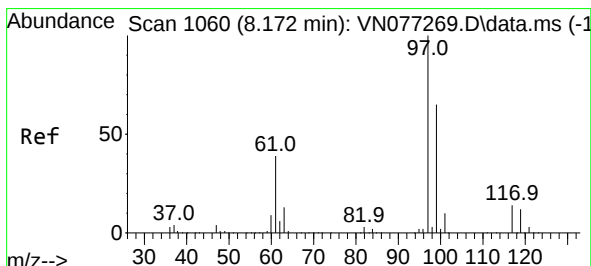
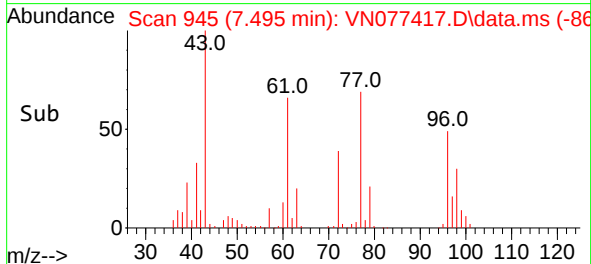
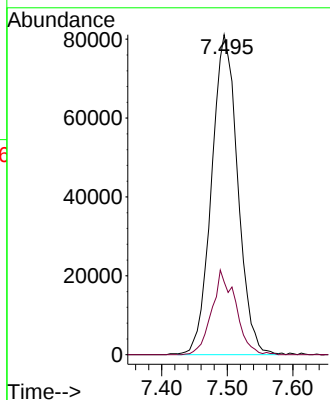


Tgt Ion: 77 Resp: 224900
Ion Ratio Lower Upper
77 100
97 24.1 18.8 28.2

Manual Integrations
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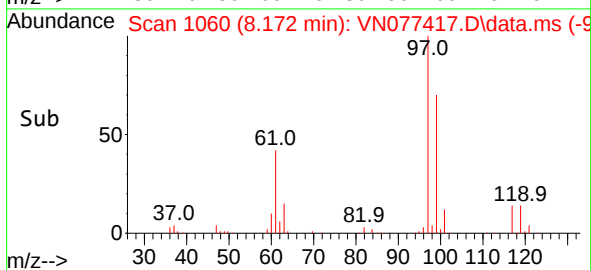
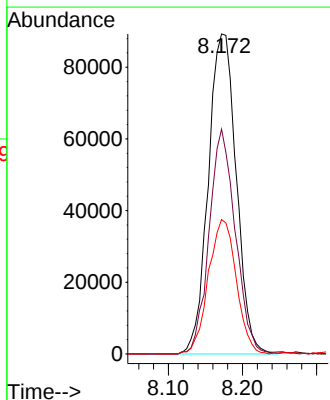
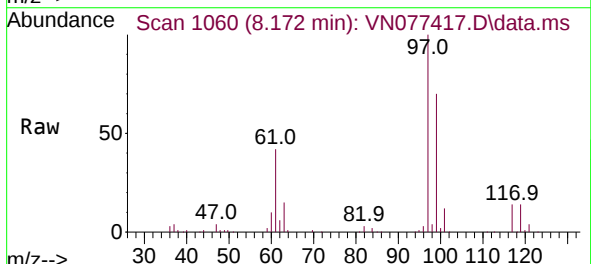
Reviewed By :John
Carlone
04/24/2023

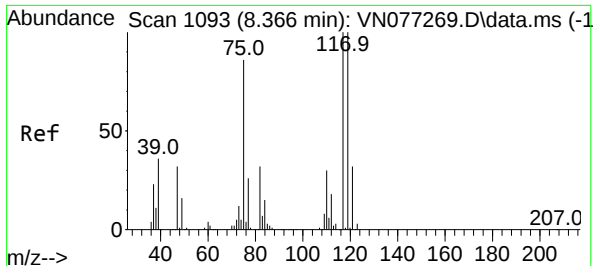
Supervised By :Mahesh
Dadoda
04/24/2023



#32
1,1,1-Trichloroethane
Concen: 18.867 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

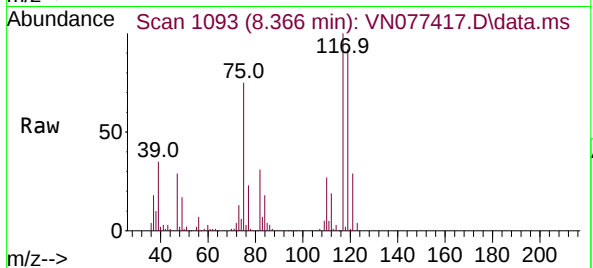
Tgt Ion: 97 Resp: 234210
Ion Ratio Lower Upper
97 100
99 65.8 51.6 77.4
61 41.9 32.4 48.6





#33
Carbon Tetrachloride
Concen: 19.698 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

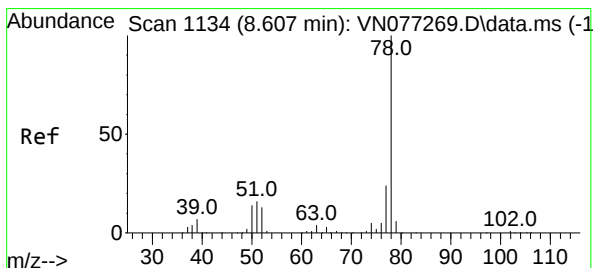
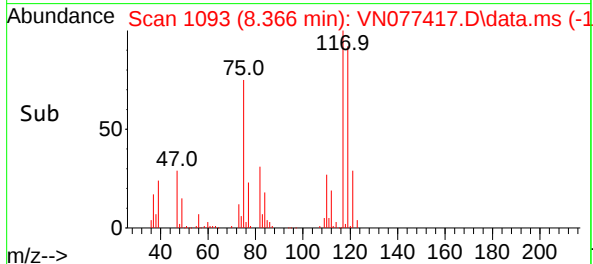
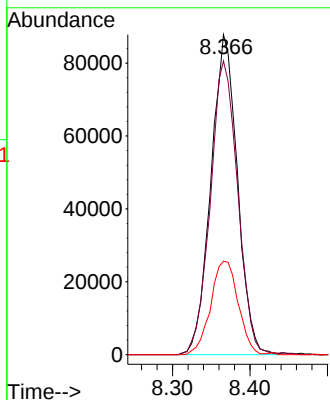


Tgt Ion: 117 Resp: 20870
Ion Ratio Lower Upper
117 100
119 91.8 80.2 120.4
121 29.2 26.0 39.0

Manual Integrations
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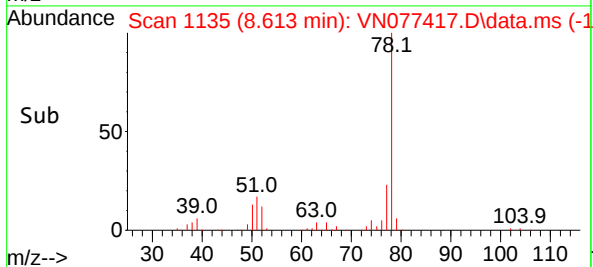
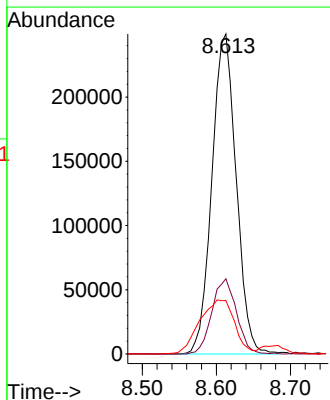
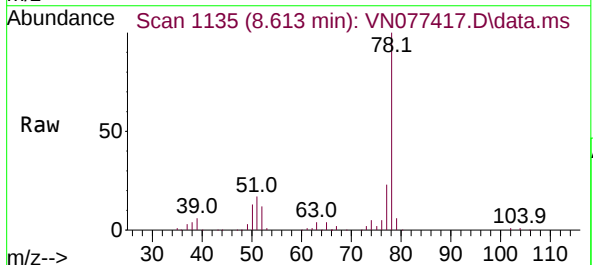
Reviewed By :John
Carlone
04/24/2023

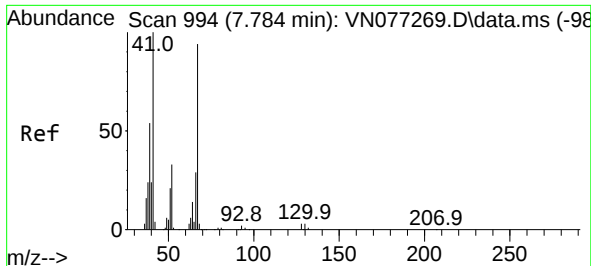
Supervised By :Mahesh
Dadoda
04/24/2023



#34
Benzene
Concen: 18.206 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

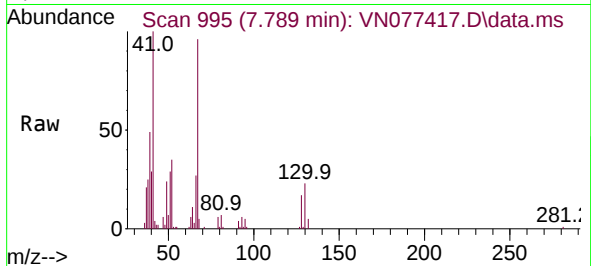
Tgt Ion: 78 Resp: 568219
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0
51 16.2 12.6 19.0





#35
Methacrylonitrile
Concen: 16.145 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

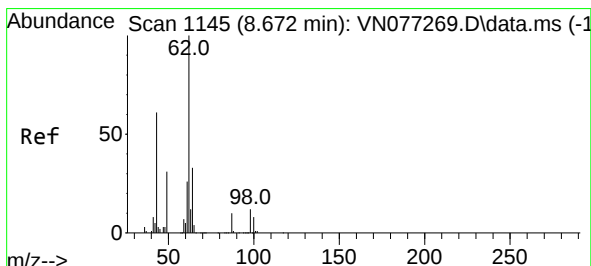
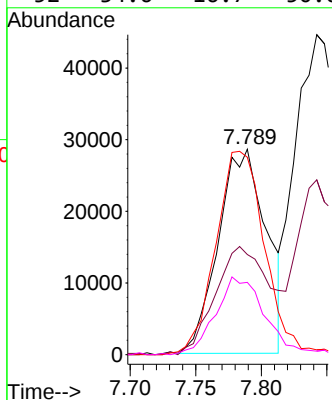
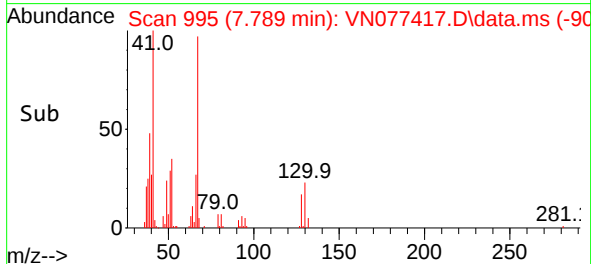


Tgt Ion: 41 Resp: 72540
Ion Ratio Lower Upper
41 100
39 49.1 27.1 81.2
67 95.3 46.8 140.4
52 34.6 16.7 50.0

Manual Integrations
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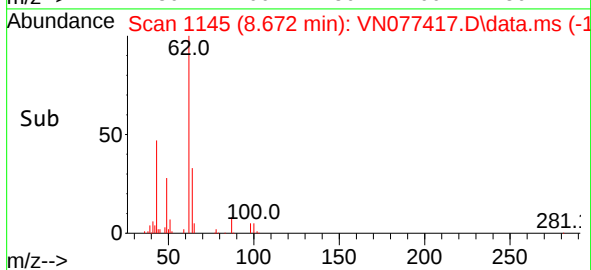
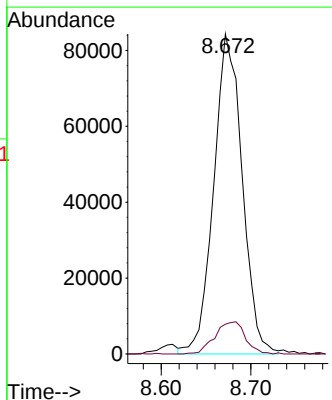
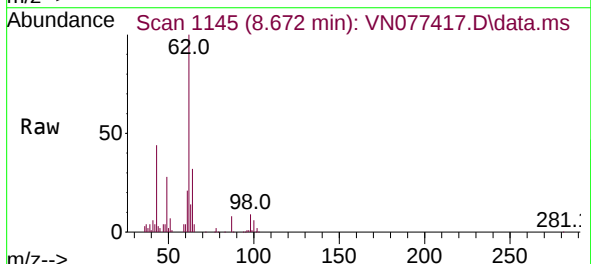
Reviewed By :John
Carlone
04/24/2023

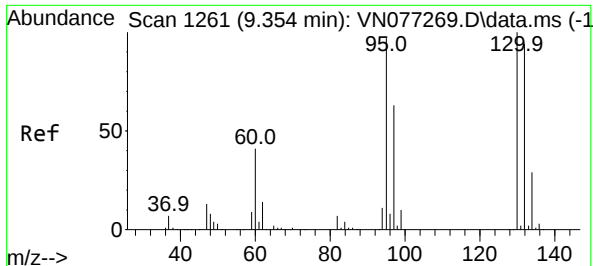
Supervised By :Mahesh
Dadoda
04/24/2023



#36
1,2-Dichloroethane
Concen: 18.988 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Tgt Ion: 62 Resp: 185799
Ion Ratio Lower Upper
62 100
98 10.7 8.3 12.5





#37

Trichloroethene

Concen: 19.142 ug/l

RT: 9.354 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077417.D

Acq: 21 Apr 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 146134

Ion Ratio Lower Upper

130 100

95 91.2 77.5 116.3

Manual Integrations

APPROVED

Reviewed By :John

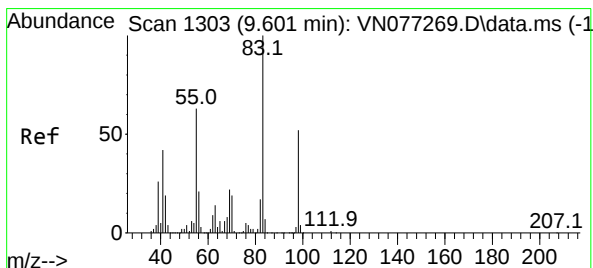
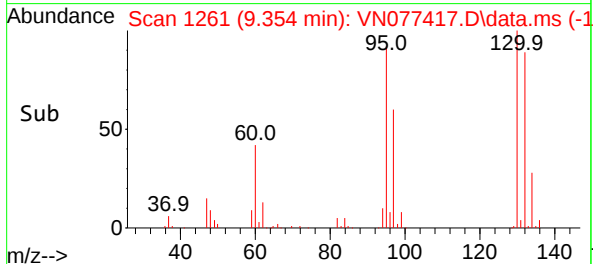
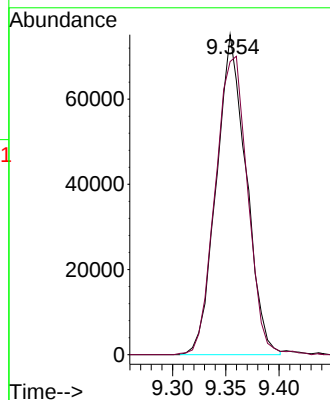
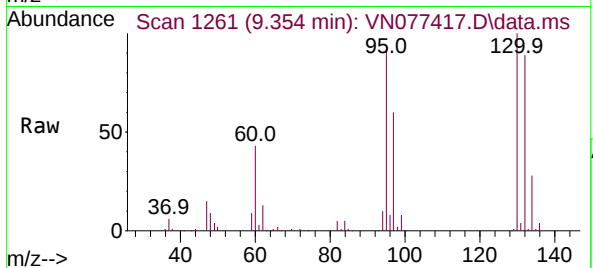
Carlone

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Supervised By :Mahesh

Dadoda

04/24/2023



#38

Methylcyclohexane

Concen: 18.092 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN077417.D

Acq: 21 Apr 2023 09:50

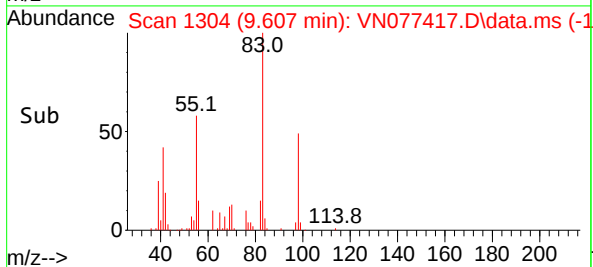
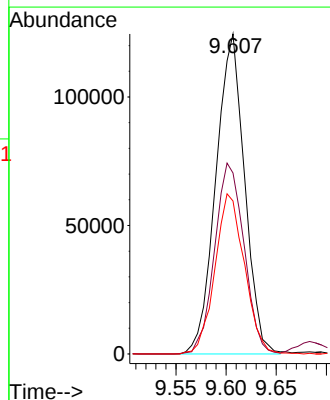
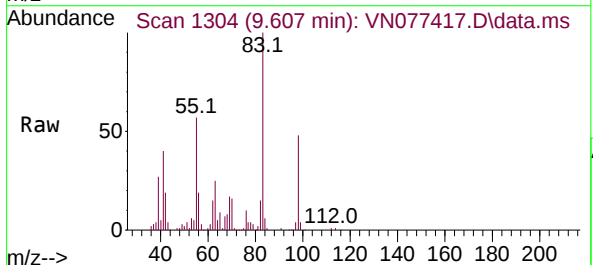
Tgt Ion: 83 Resp: 247518

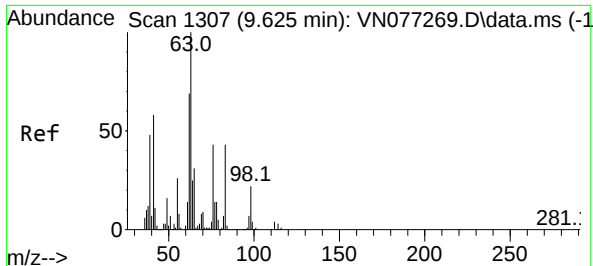
Ion Ratio Lower Upper

83 100

55 60.1 32.0 96.2

98 51.4 25.3 75.9





#39

1,2-Dichloropropane

Concen: 17.306 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN077417.D

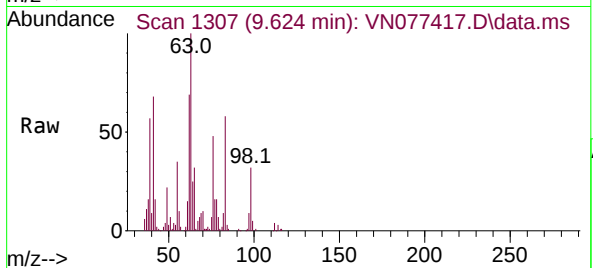
Acq: 21 Apr 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 63 Resp: 134089

Ion Ratio Lower Upper

63 100

65 31.3 24.8 37.2

Manual Integrations

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Reviewed By :John

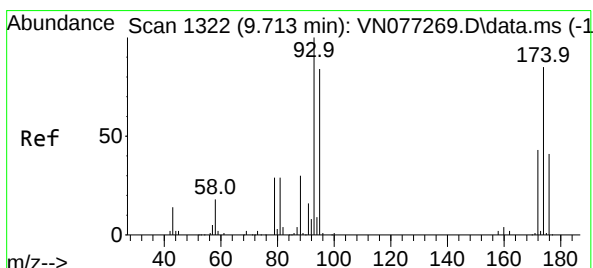
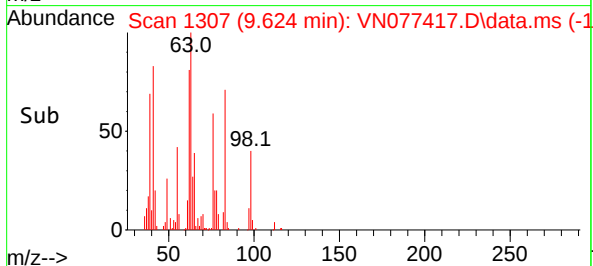
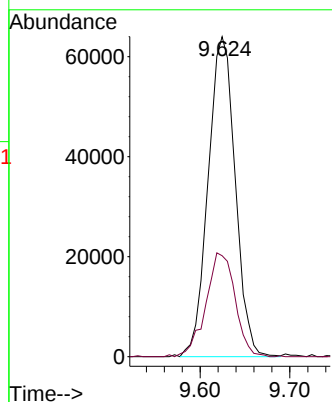
Carlone

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Supervised By :Mahesh

Dadoda

04/24/2023



#40

Dibromomethane

Concen: 18.658 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077417.D

Acq: 21 Apr 2023 09:50

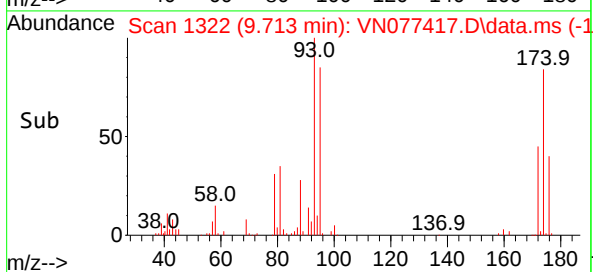
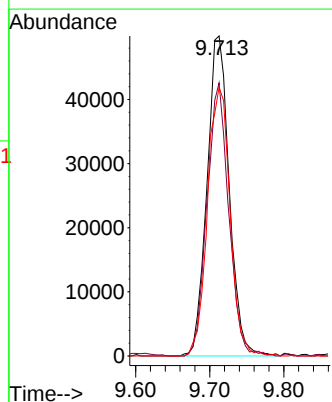
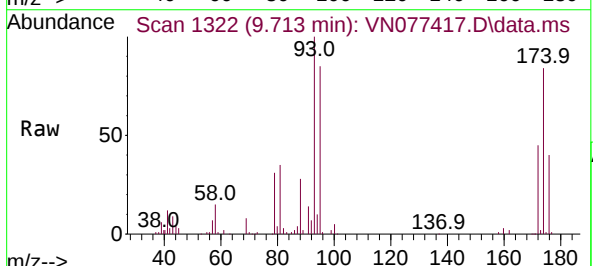
Tgt Ion: 93 Resp: 104157

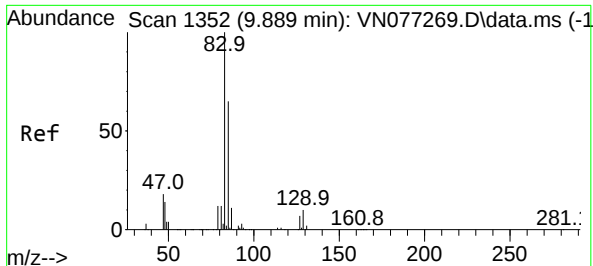
Ion Ratio Lower Upper

93 100

95 83.1 0.0 166.4

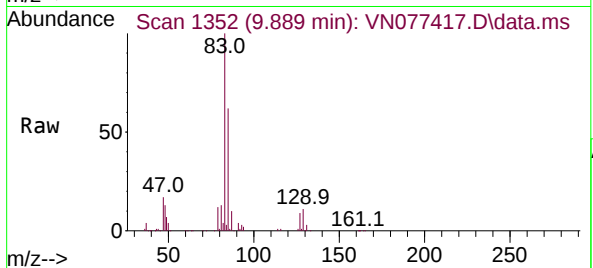
174 84.8 0.0 164.8





#41
Bromodichloromethane
Concen: 18.474 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

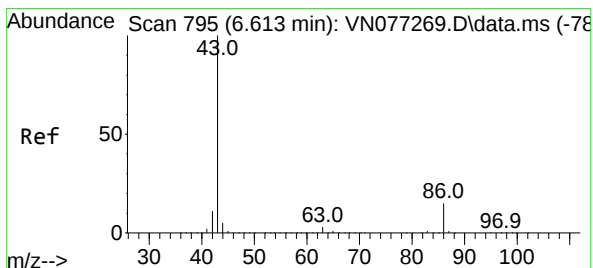
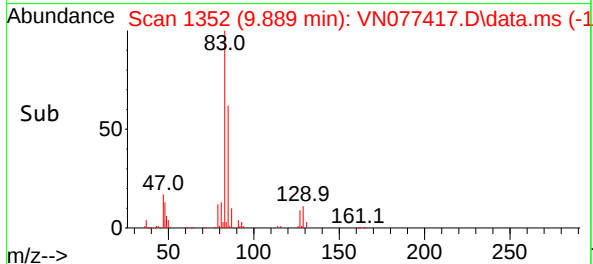
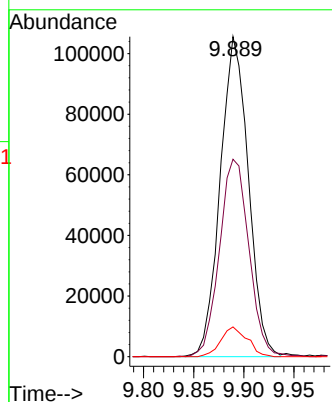


Tgt Ion: 83 Resp: 20564
Ion Ratio Lower Upper
83 100
85 61.5 52.3 78.5
127 9.3 5.9 8.9

Manual Integrations
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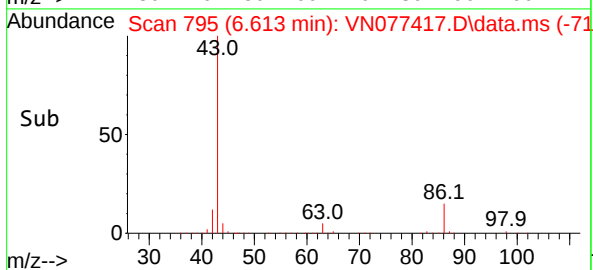
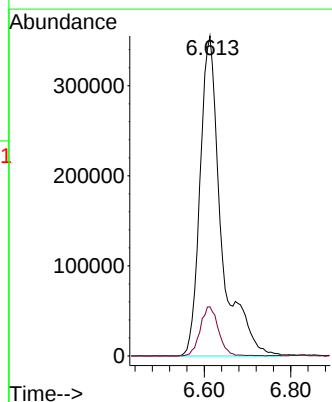
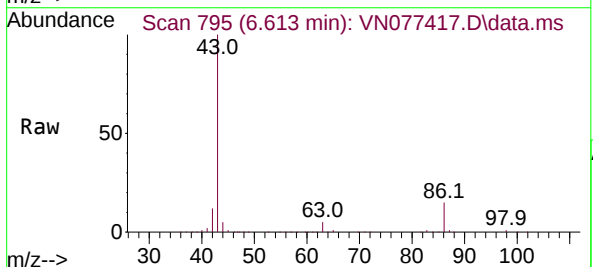
Reviewed By :John
Carlone
04/24/2023

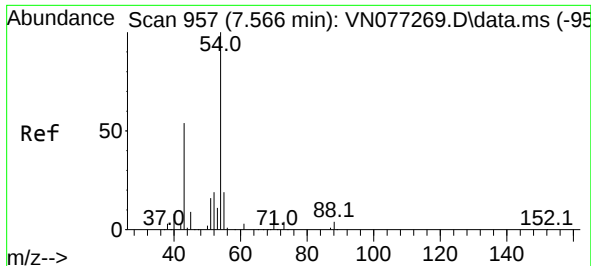
Supervised By :Mahesh
Dadoda
04/24/2023



#42
Vinyl Acetate
Concen: 87.684 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

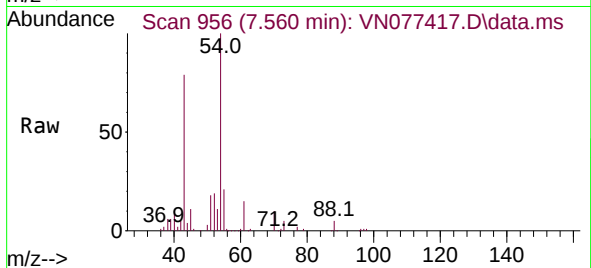
Tgt Ion: 43 Resp: 1210518
Ion Ratio Lower Upper
43 100
86 13.1 0.0 0.0#





#43
Ethyl Acetate
Concen: 15.604 ug/l
RT: 7.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

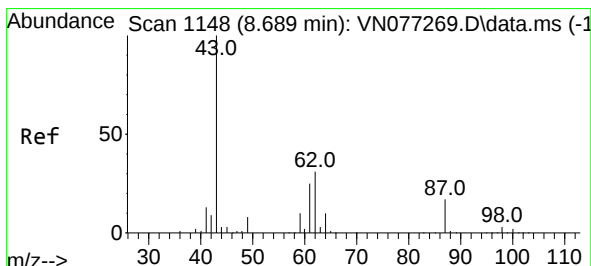
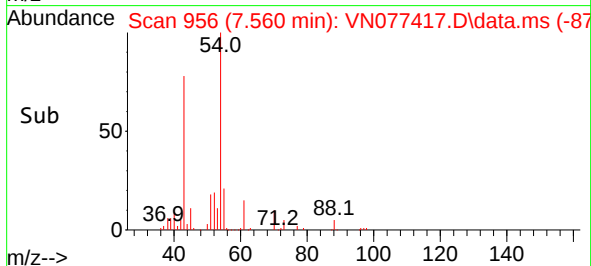
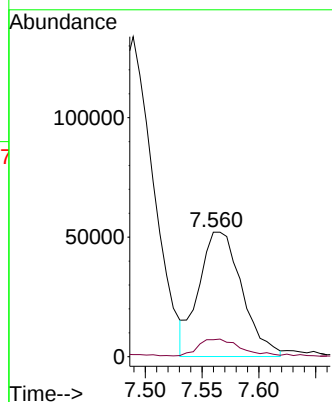
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 137709
Ion Ratio Lower Upper
43 100
45 13.0 12.3 18.5

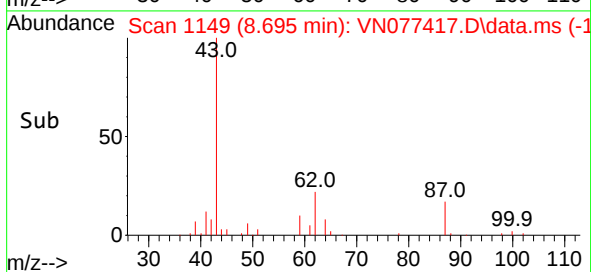
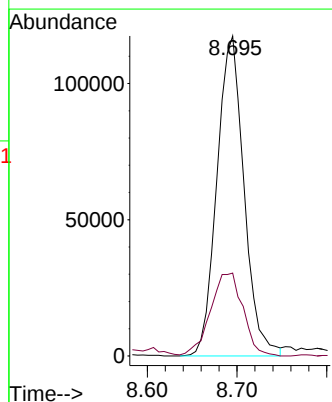
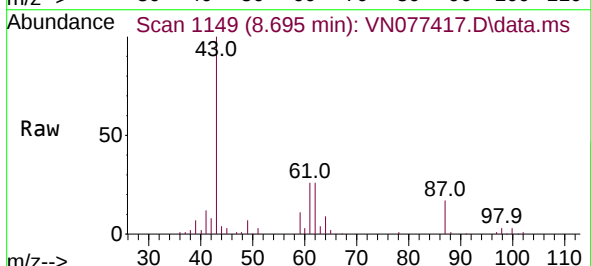
Manual Integrations
APPROVED

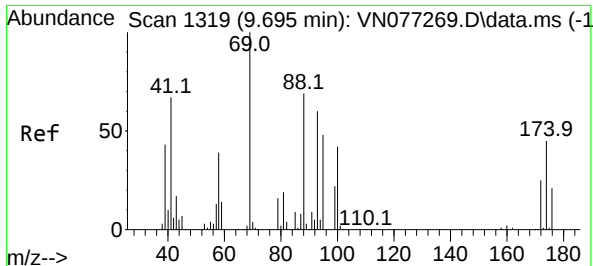
Reviewed By :John
Carlone
04/24/2023
Supervised By :Mahesh
Dadoda
04/24/2023



#44
Isopropyl Acetate
Concen: 15.581 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

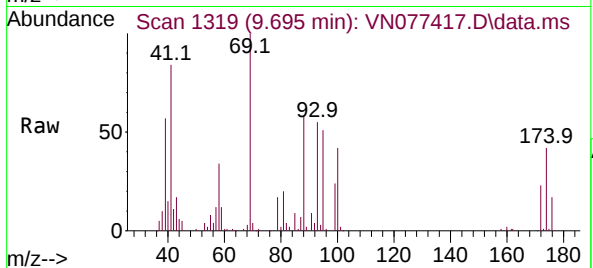
Tgt Ion: 43 Resp: 246206
Ion Ratio Lower Upper
43 100
61 31.1 0.0 0.0#





#45
1,4-Dioxane
Concen: 314.786 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

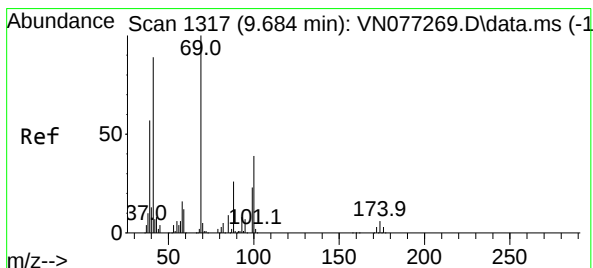
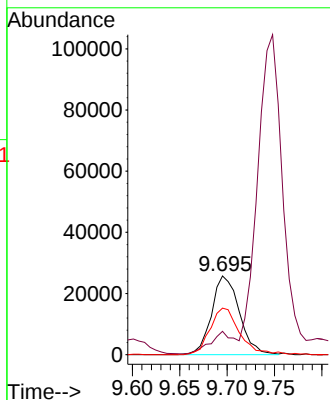
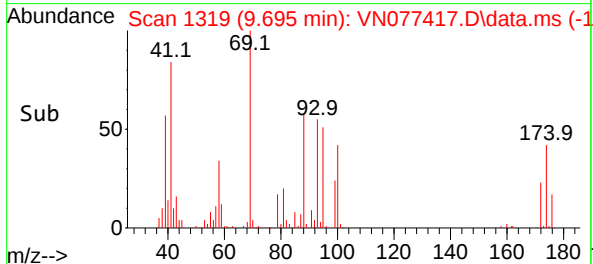


Tgt Ion: 88 Resp: 52458
Ion Ratio Lower Upper
88 100
43 25.1 17.4 26.0
58 60.7 48.2 72.4

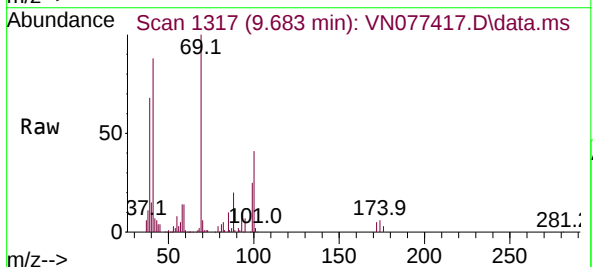
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/24/2023

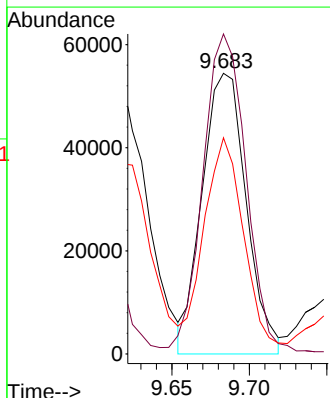
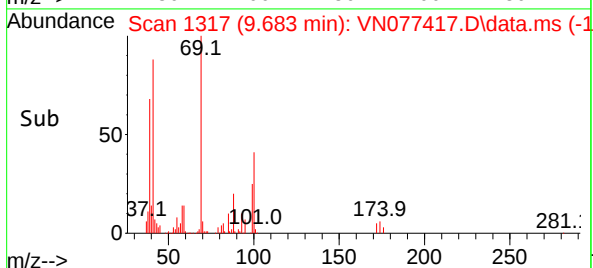
Supervised By :Mahesh
Dadoda
04/24/2023

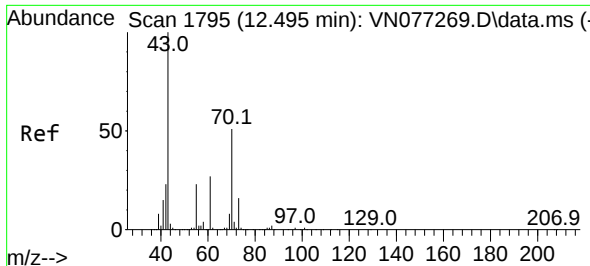


#46
Methyl methacrylate
Concen: 15.835 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50



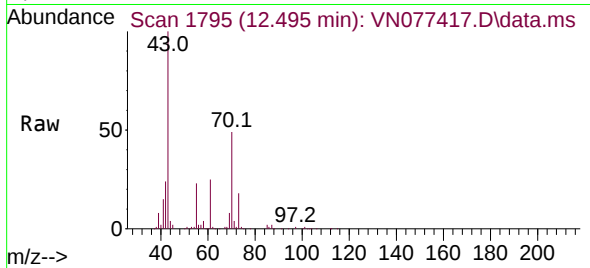
Tgt Ion: 41 Resp: 107728
Ion Ratio Lower Upper
41 100
69 117.1 54.5 163.5
39 77.6 33.4 100.2





#47
n-amyl acetate
Concen: 15.163 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

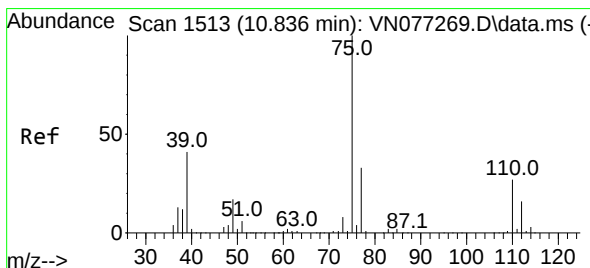
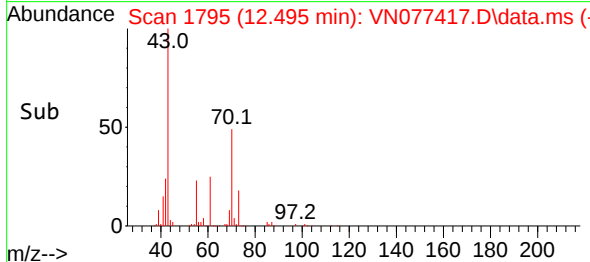
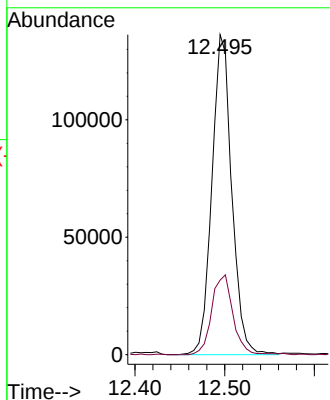
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 209380
Ion Ratio Lower Upper
43 100
55 26.3 19.4 29.0

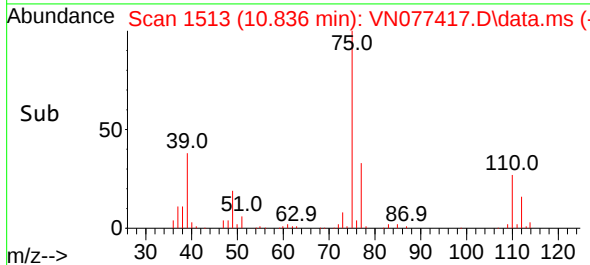
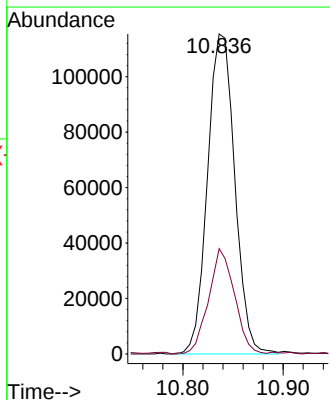
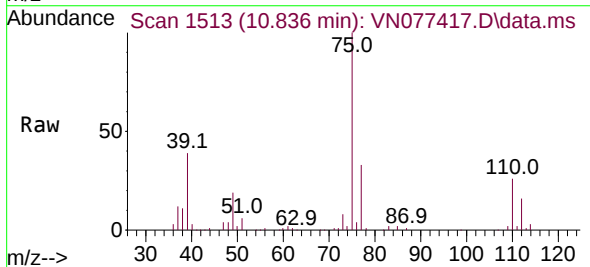
Manual Integrations
APPROVED

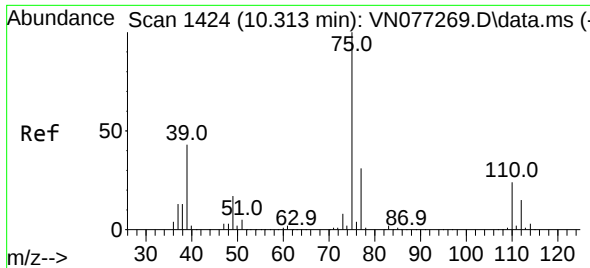
Reviewed By :John
Carlone
04/24/2023
Supervised By :Mahesh
Dadoda
04/24/2023



#48
t-1,3-Dichloropropene
Concen: 17.531 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Tgt Ion: 75 Resp: 218405
Ion Ratio Lower Upper
75 100
77 32.5 26.5 39.7





#49
 cis-1,3-Dichloropropene
 Concen: 17.940 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077417.D
 Acq: 21 Apr 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 237760
 Ion Ratio Lower Upper
 75 100
 77 28.3 25.0 37.6
 39 39.9 34.4 51.6

Manual Integrations
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Reviewed By :John

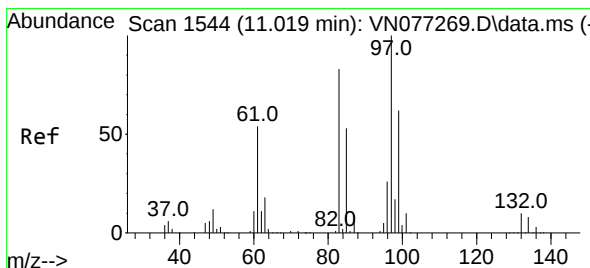
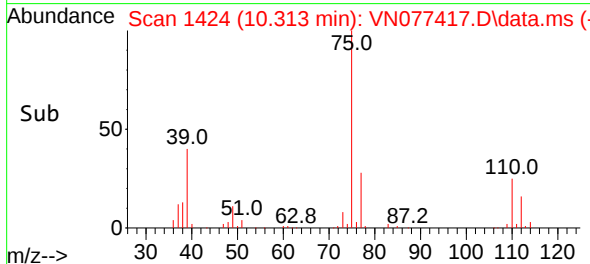
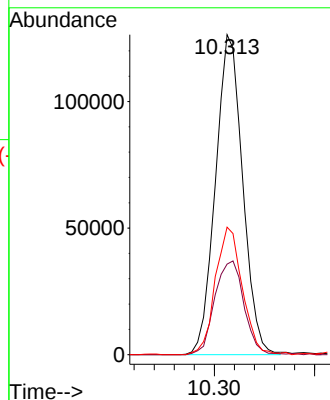
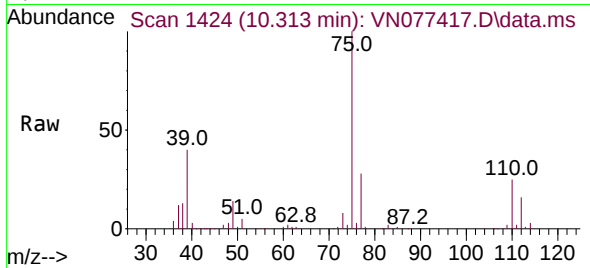
Carlone

04/24/2023

Supervised By :Mahesh

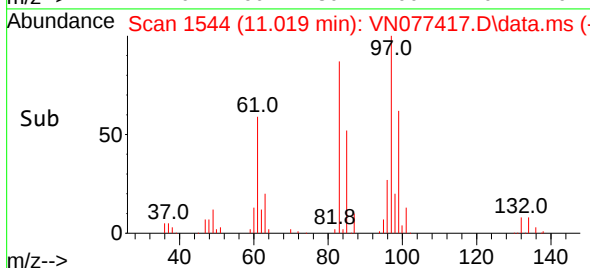
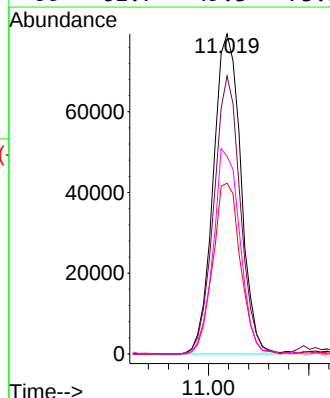
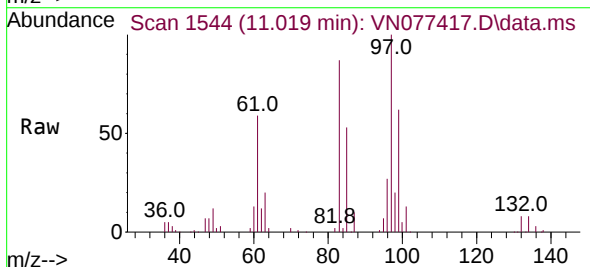
Dadoda

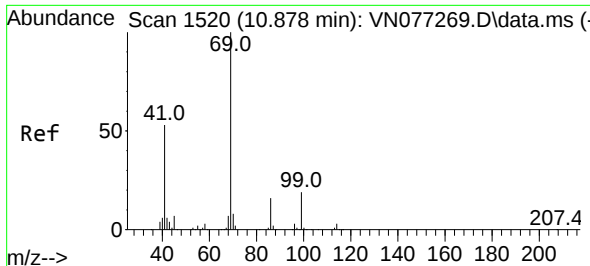
04/24/2023



#50
 1,1,2-Trichloroethane
 Concen: 18.695 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.001 min
 Lab File: VN077417.D
 Acq: 21 Apr 2023 09:50

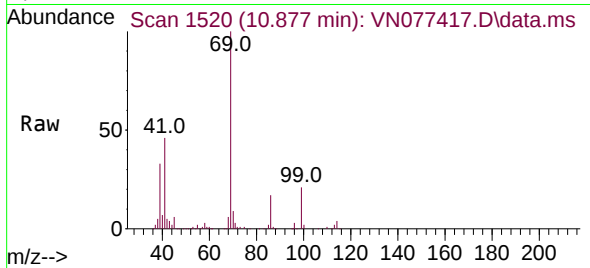
Tgt Ion: 97 Resp: 151588
 Ion Ratio Lower Upper
 97 100
 83 86.8 66.7 100.1
 85 53.4 42.4 63.6
 99 61.7 49.3 73.9





#51
Ethyl methacrylate
Concen: 17.037 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

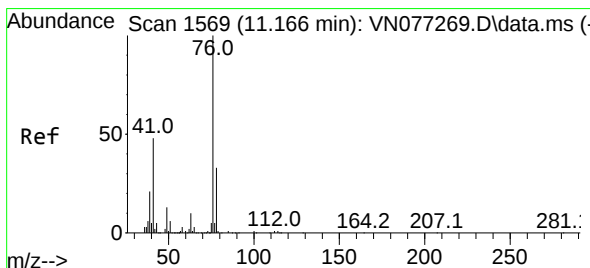
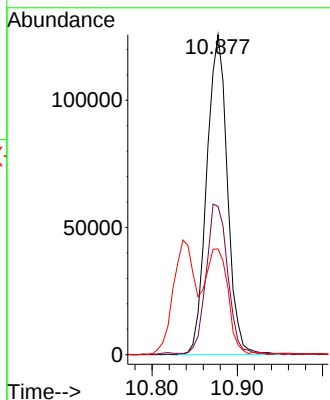
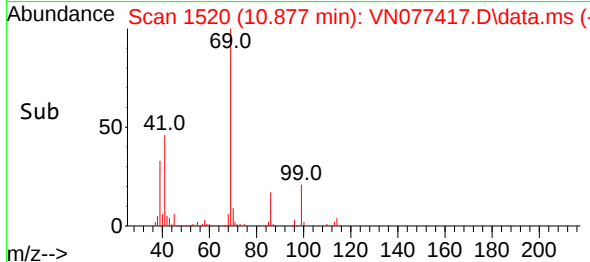


Tgt Ion: 69 Resp: 212154
Ion Ratio Lower Upper
69 100
41 46.0 26.7 80.0
39 32.7 17.0 50.9

Manual Integrations
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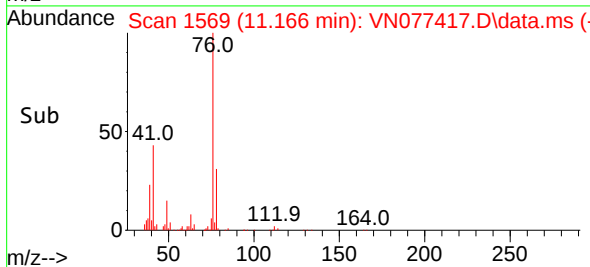
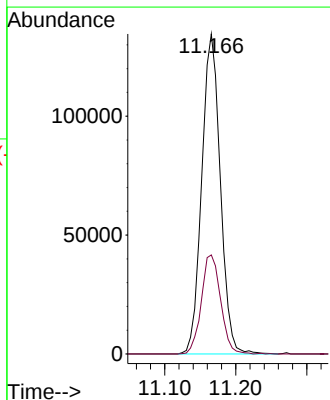
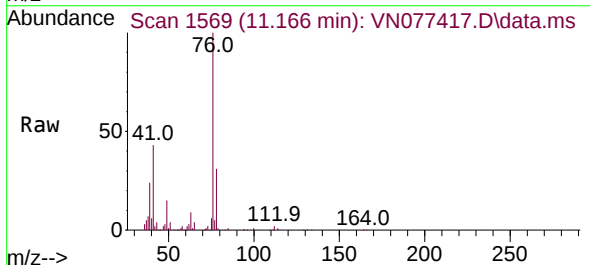
Reviewed By :John
Carlone
04/24/2023

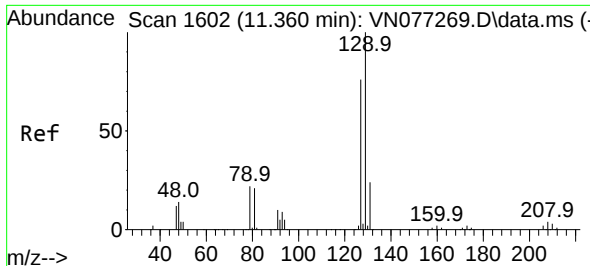
Supervised By :Mahesh
Dadoda
04/24/2023



#52
1,3-Dichloropropane
Concen: 18.110 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

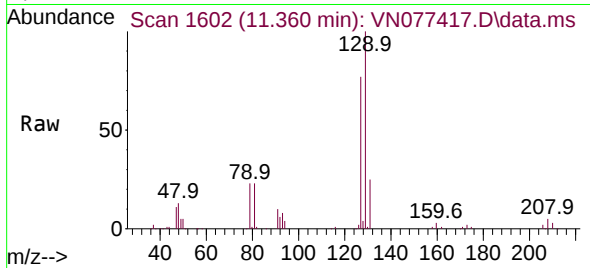
Tgt Ion: 76 Resp: 245094
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.0





#53
Dibromochloromethane
Concen: 18.713 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

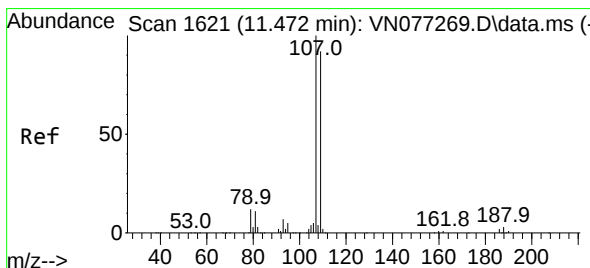
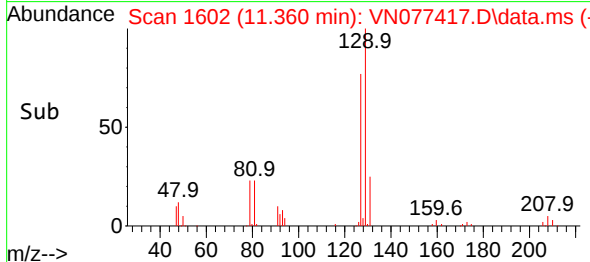
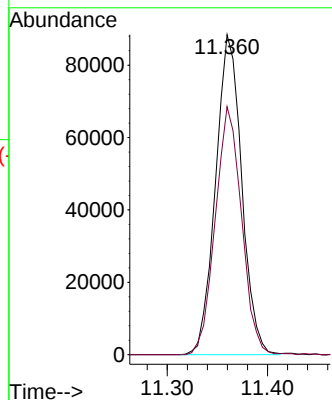


Tgt Ion:129 Resp: 15992
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8

Manual Integrations
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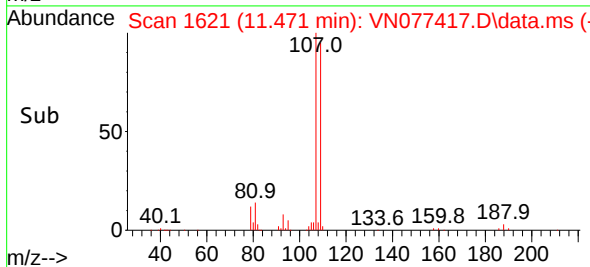
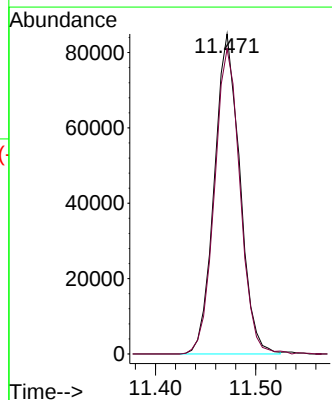
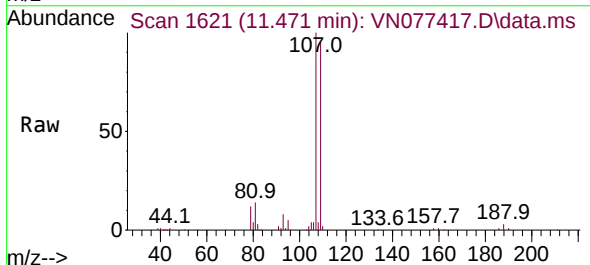
Reviewed By :John
Carlone
04/24/2023

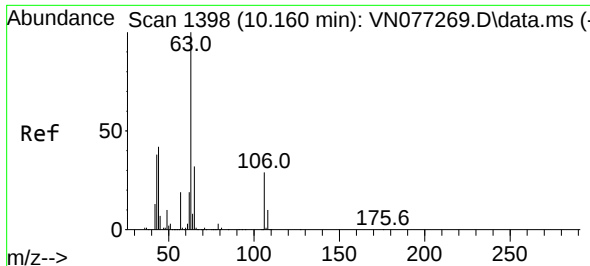
Supervised By :Mahesh
Dadoda
04/24/2023



#54
1,2-Dibromoethane
Concen: 18.419 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

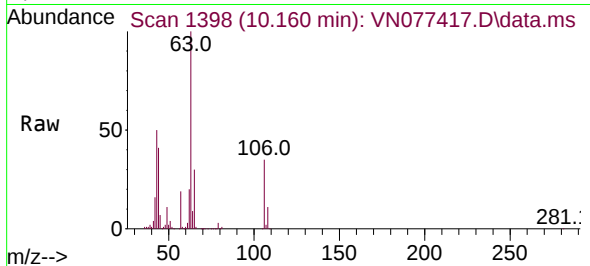
Tgt Ion:107 Resp: 149935
Ion Ratio Lower Upper
107 100
109 95.4 74.1 111.1





#55
2-Chloroethyl vinyl ether
Concen: 98.723 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

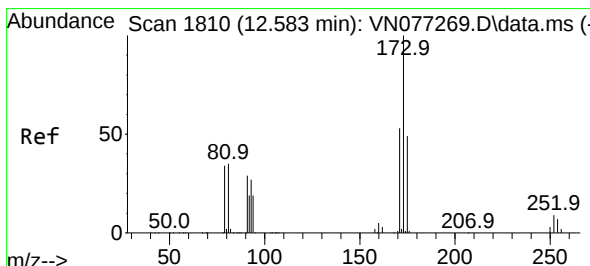
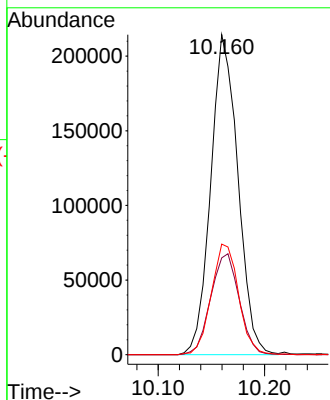
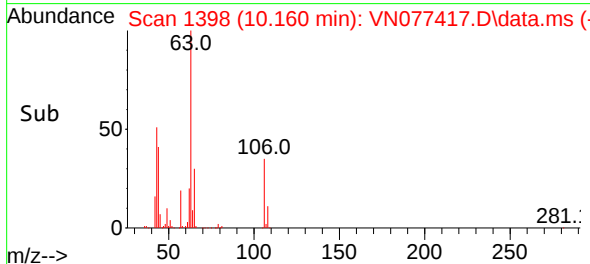


Tgt Ion: 63 Resp: 37955
Ion Ratio Lower Upper
63 100
65 33.0 25.7 38.5
106 34.7 24.0 36.0

Manual Integrations
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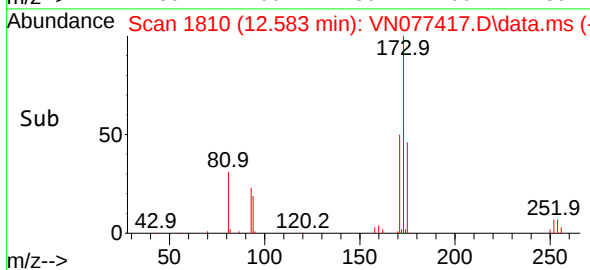
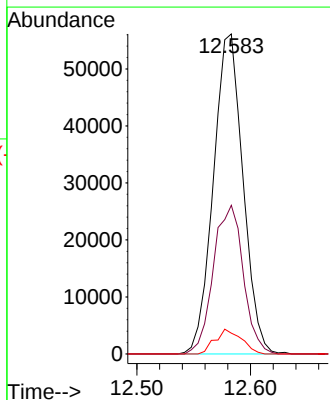
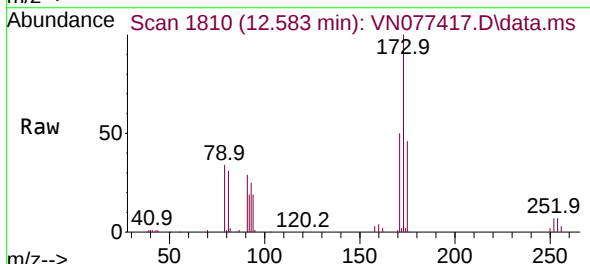
Reviewed By :John
Carlone
04/24/2023

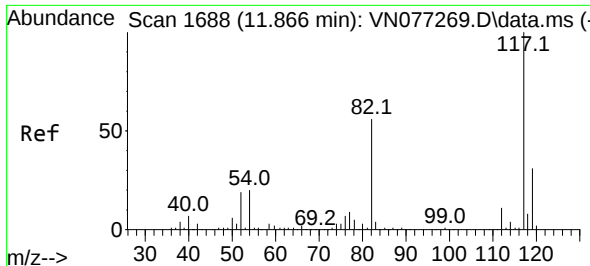
Supervised By :Mahesh
Dadoda
04/24/2023



#56
Bromoform
Concen: 17.717 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Tgt Ion:173 Resp: 101708
Ion Ratio Lower Upper
173 100
175 46.9 38.2 57.2
254 6.9 6.0 9.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

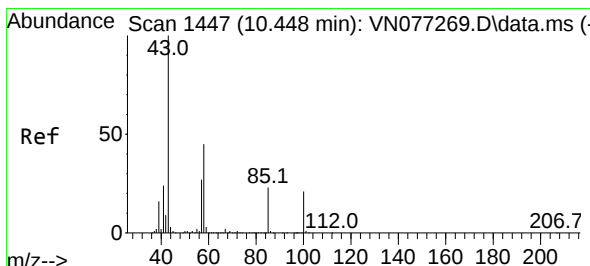
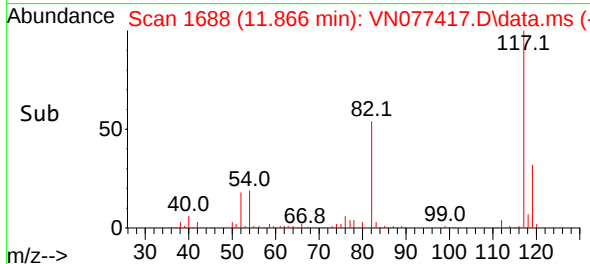
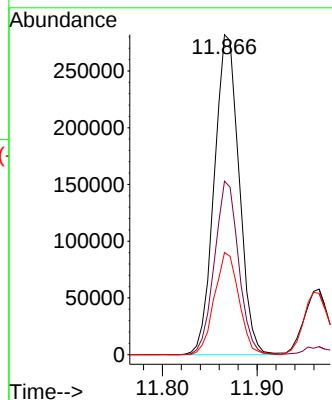
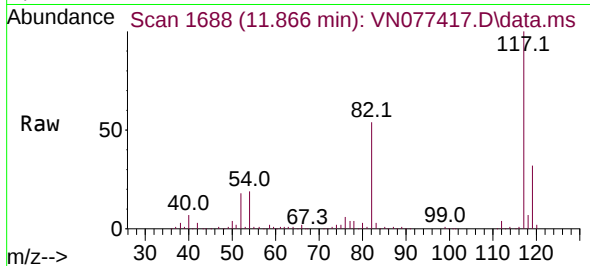
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 51382
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.8
119 31.6 25.4 38.0

Manual Integrations
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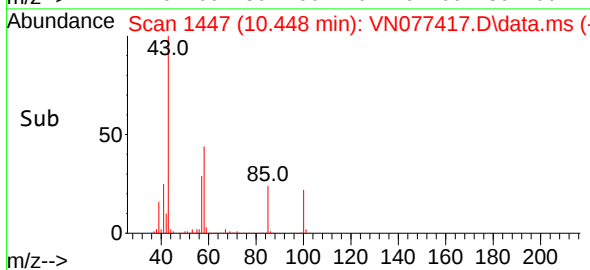
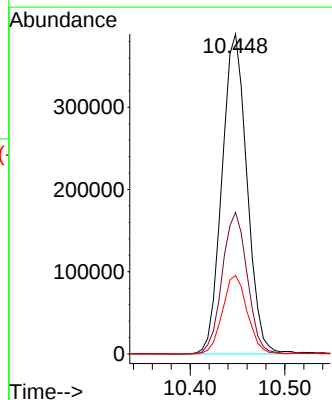
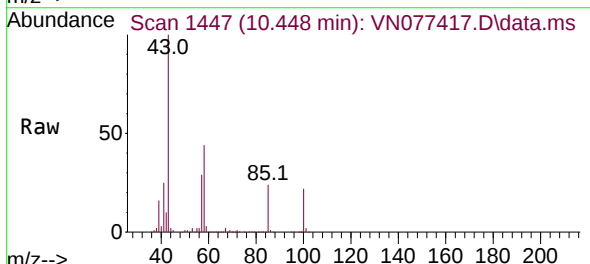
Reviewed By :John
Carlone
04/24/2023

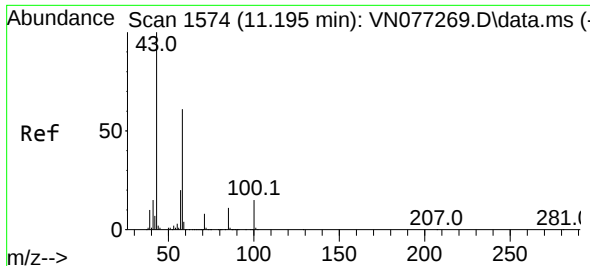
Supervised By :Mahesh
Dadoda
04/24/2023



#58
4-Methyl-2-Pentanone
Concen: 74.126 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

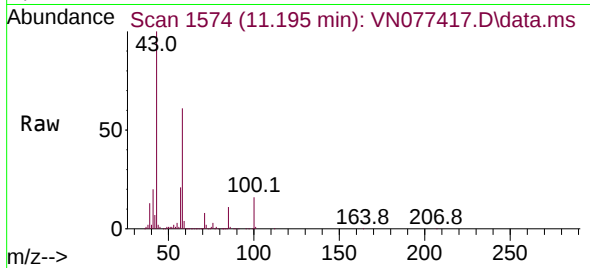
Tgt Ion: 43 Resp: 713139
Ion Ratio Lower Upper
43 100
58 44.4 34.7 52.1
85 24.4 17.8 26.8





#59
2-Hexanone
Concen: 71.635 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

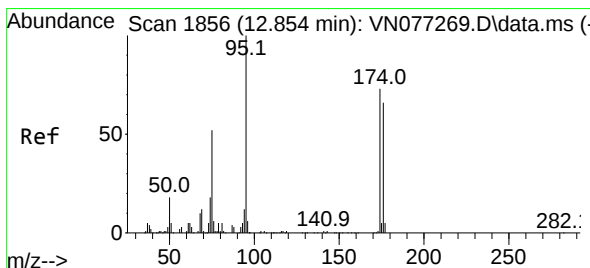
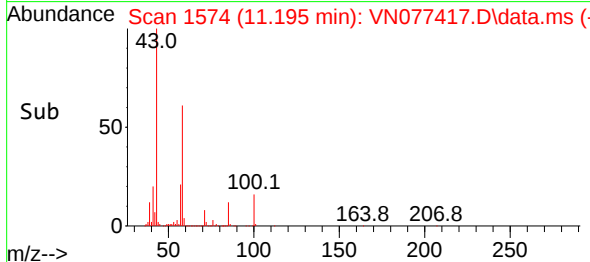
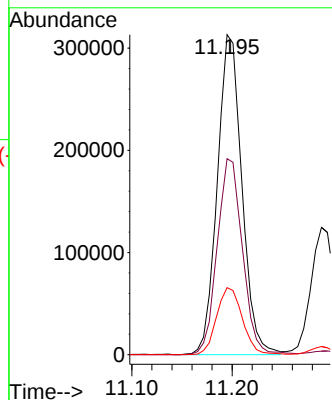


Tgt Ion: 43 Resp: 53270
Ion Ratio Lower Upper
43 100
58 62.5 48.6 73.0
57 21.9 16.7 25.1

Manual Integrations
APPROVED

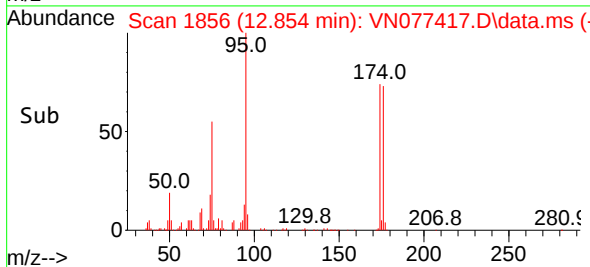
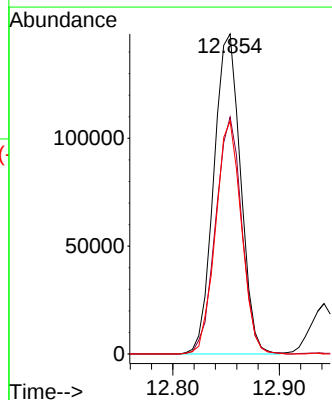
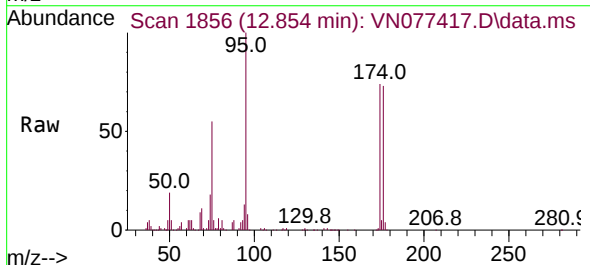
Reviewed By :John
Carlone
04/24/2023

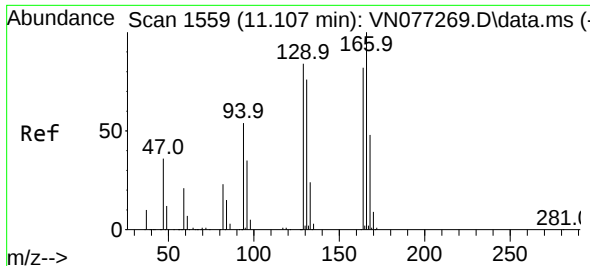
Supervised By :Mahesh
Dadoda
04/24/2023



#60
4-Bromofluorobenzene
Concen: 29.107 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

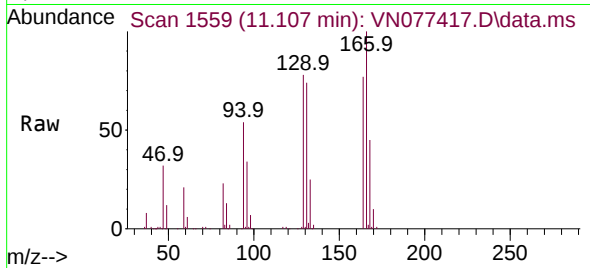
Tgt Ion: 95 Resp: 258613
Ion Ratio Lower Upper
95 100
174 72.3 57.8 86.8
176 70.3 54.6 81.8





#61
Tetrachloroethene
Concen: 18.452 ug/l
RT: 11.107 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

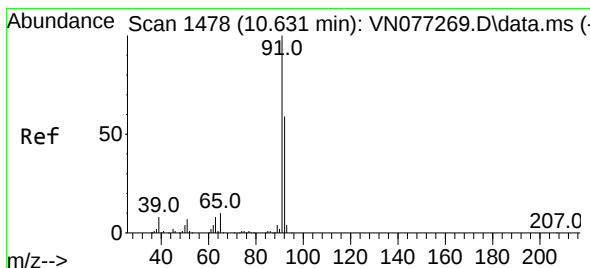
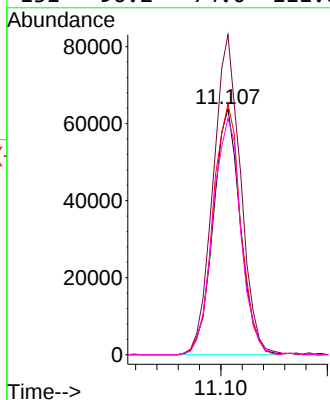


Tgt Ion:164 Resp: 112770
Ion Ratio Lower Upper
164 100
166 130.2 97.9 146.9
129 102.0 82.5 123.7
131 96.2 74.0 111.0

Manual Integrations
APPROVED

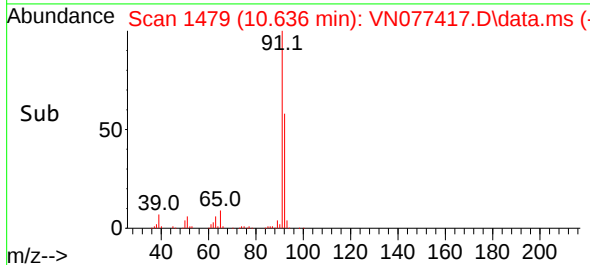
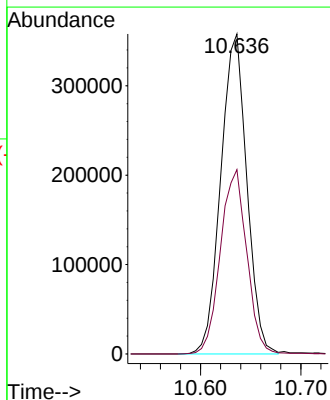
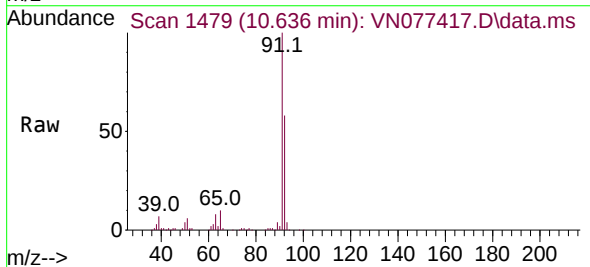
Reviewed By :John
Carlone
04/24/2023

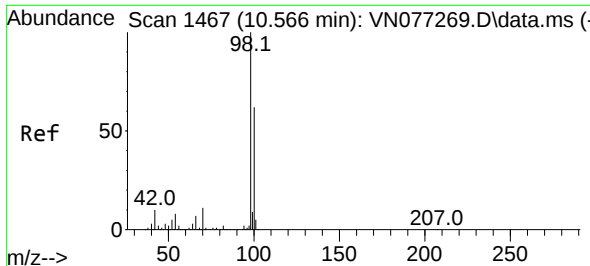
Supervised By :Mahesh
Dadoda
04/24/2023



#62
Toluene
Concen: 18.009 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.005 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

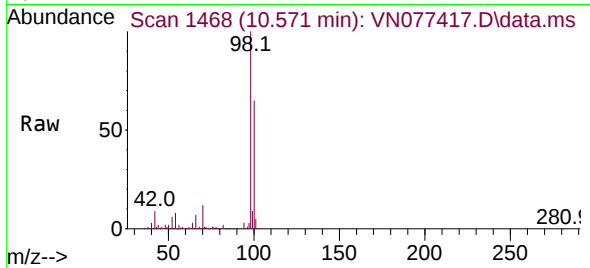
Tgt Ion: 91 Resp: 645626
Ion Ratio Lower Upper
91 100
92 58.2 46.6 70.0





#63
Toluene-d8
Concen: 29.115 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

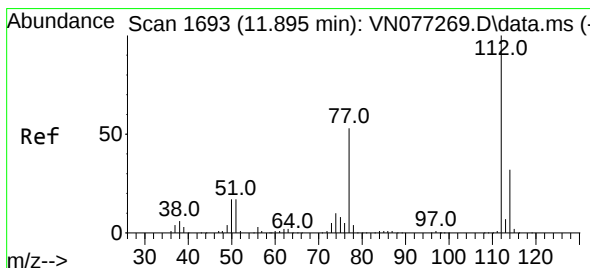
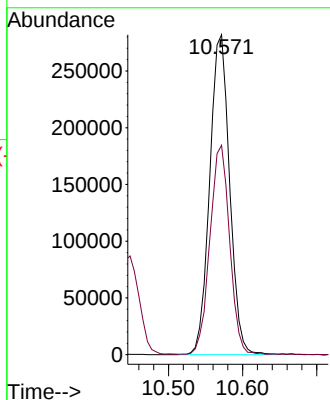
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 525912
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.2

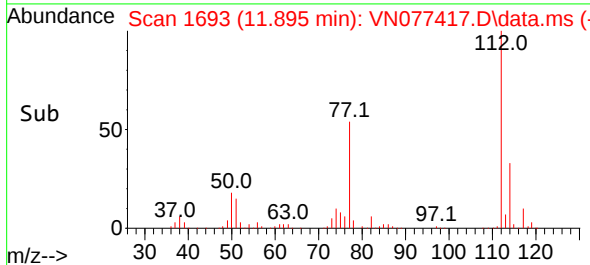
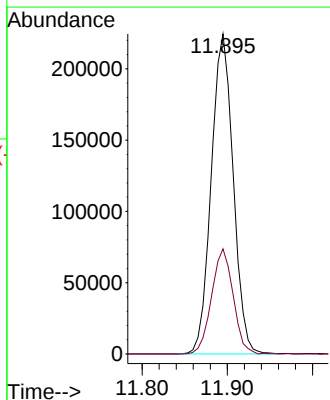
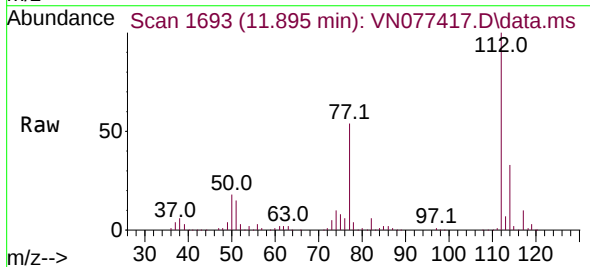
Manual Integrations
APPROVED

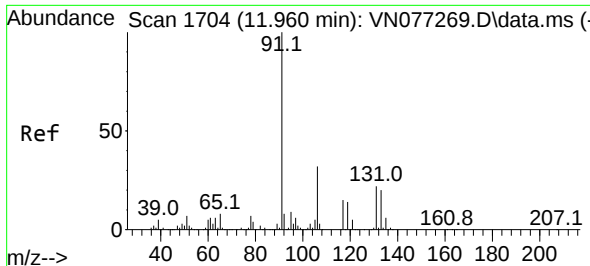
Reviewed By :John
Carlone
04/24/2023
Supervised By :Mahesh
Dadoda
04/24/2023



#64
Chlorobenzene
Concen: 18.432 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

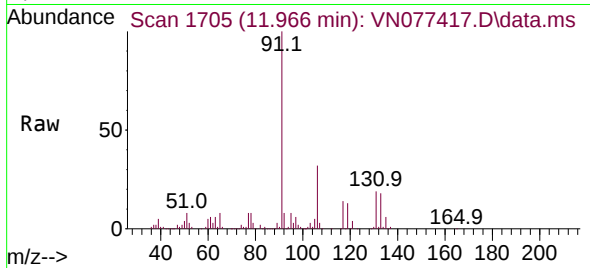
Tgt Ion:112 Resp: 401450
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 18.090 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.005 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

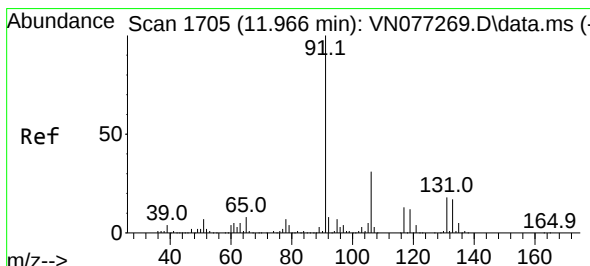
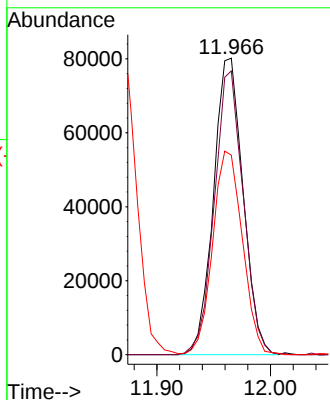
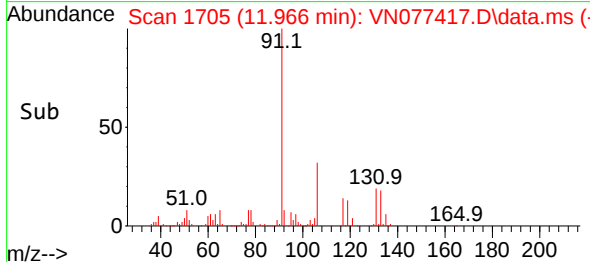


Tgt Ion:131 Resp: 14489
Ion Ratio Lower Upper
131 100
133 93.6 0.0 184.4
119 68.3 0.0 134.8

Manual Integrations
APPROVED

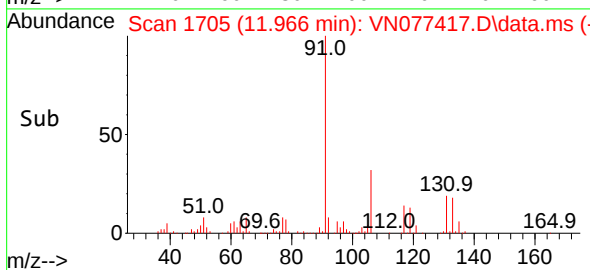
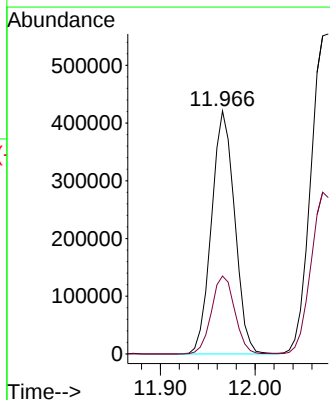
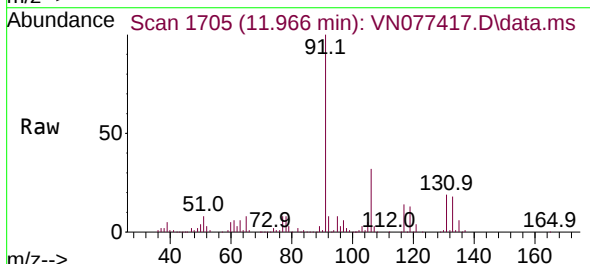
Reviewed By :John
Carlone
04/24/2023

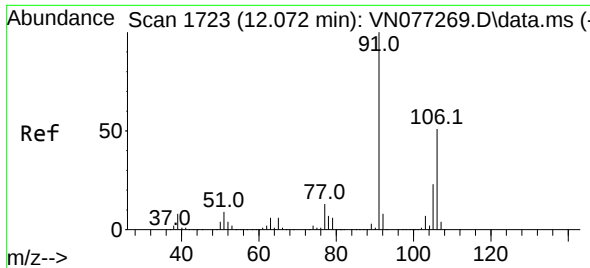
Supervised By :Mahesh
Dadoda
04/24/2023



#66
Ethyl Benzene
Concen: 18.029 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Tgt Ion: 91 Resp: 716086
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.6





#67
m/p-Xylenes
Concen: 36.240 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

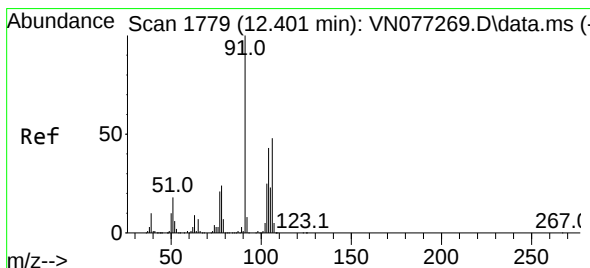
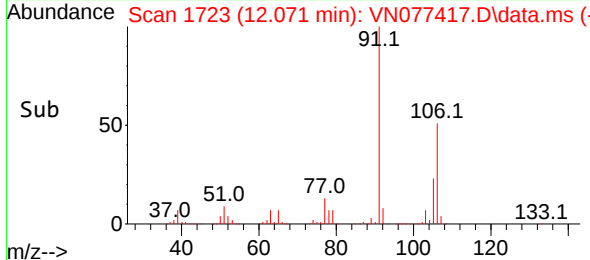
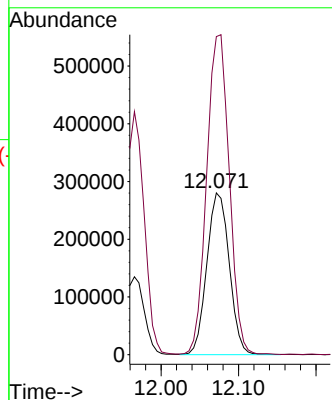
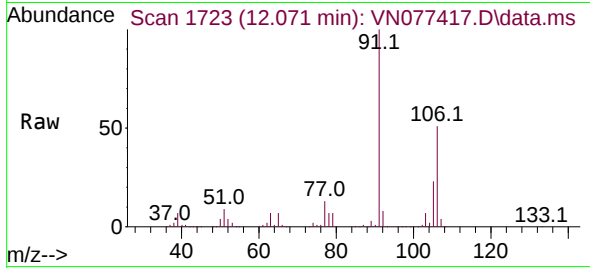
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 564190
Ion Ratio Lower Upper
106 100
91 199.3 158.0 237.0

Manual Integrations
APPROVED

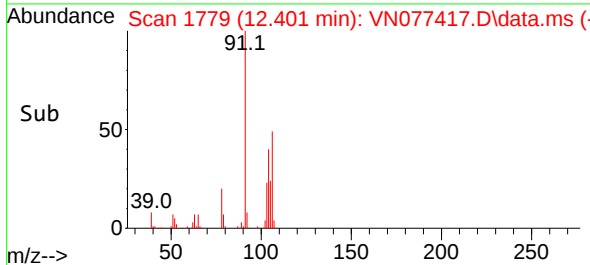
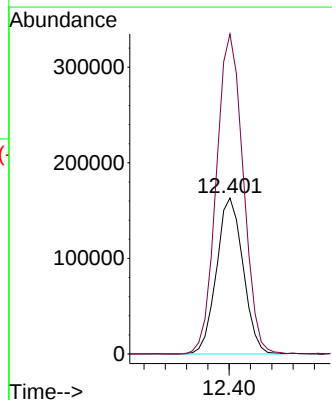
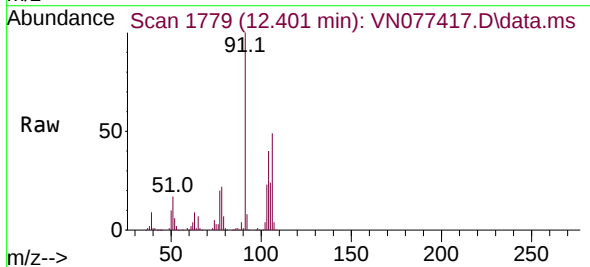
Reviewed By :John
Carlone
04/24/2023

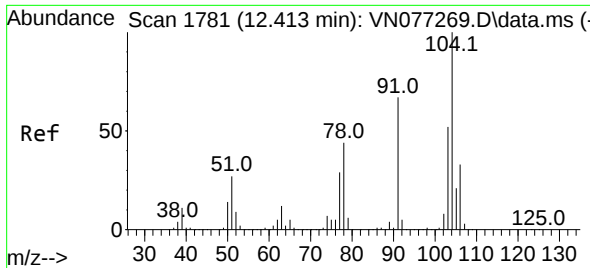
Supervised By :Mahesh
Dadoda
04/24/2023



#68
o-Xylene
Concen: 18.142 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

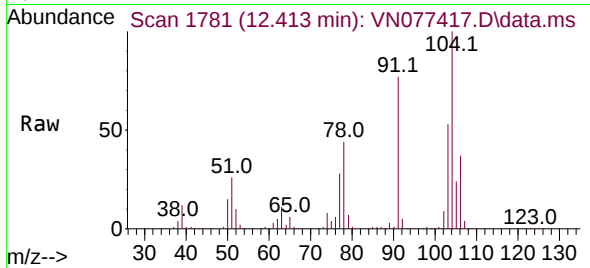
Tgt Ion:106 Resp: 282554
Ion Ratio Lower Upper
106 100
91 207.5 103.6 310.8





#69
Styrene
Concen: 18.000 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

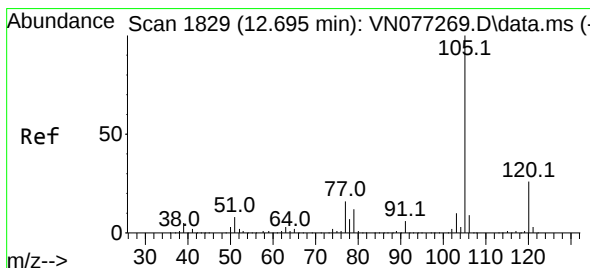
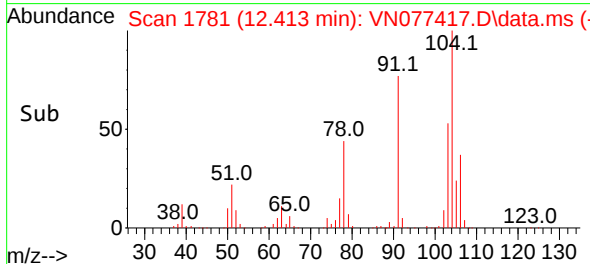
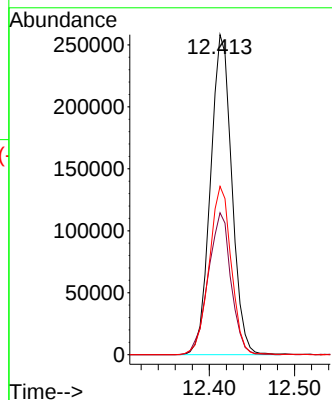


Tgt Ion:104 Resp: 449159
Ion Ratio Lower Upper
104 100
78 47.3 38.2 57.4
103 54.4 43.6 65.4

Manual Integrations
APPROVED

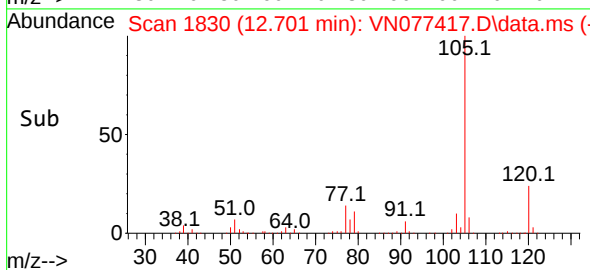
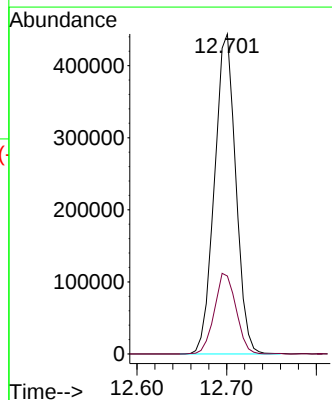
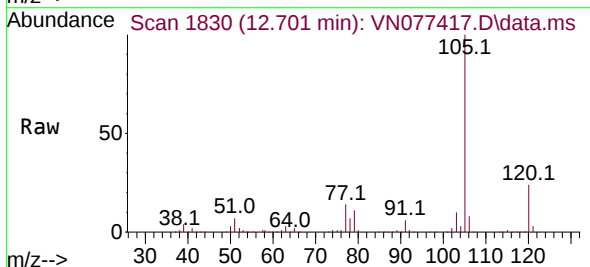
Reviewed By :John
Carlone
04/24/2023

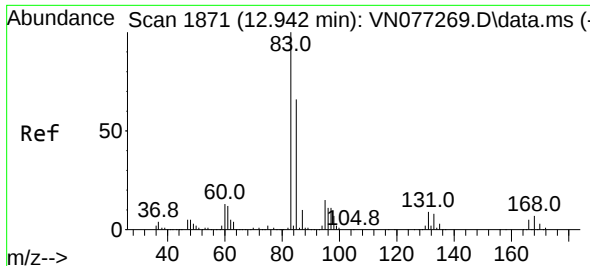
Supervised By :Mahesh
Dadoda
04/24/2023



#70
Isopropylbenzene
Concen: 18.514 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

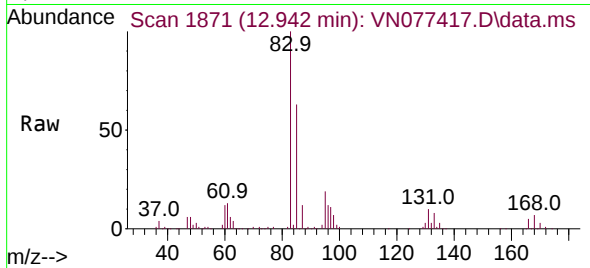
Tgt Ion:105 Resp: 731817
Ion Ratio Lower Upper
105 100
120 25.6 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 17.263 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

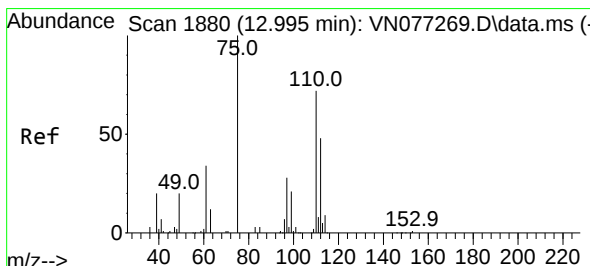
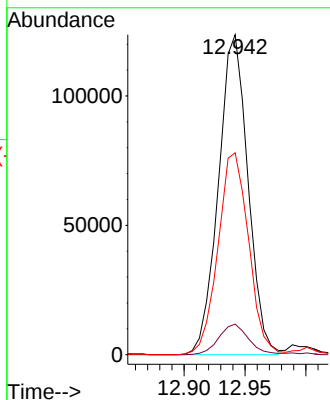
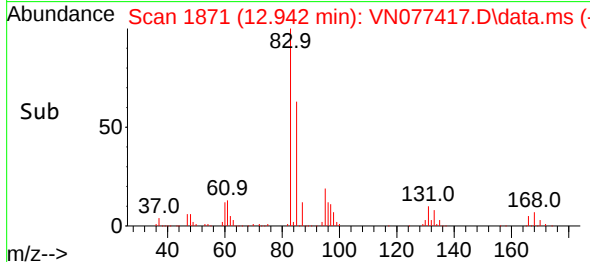


Tgt Ion: 83 Resp: 208950
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.0
85 65.4 32.3 96.8

Manual Integrations
APPROVED

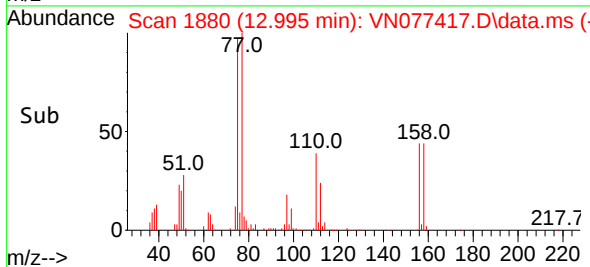
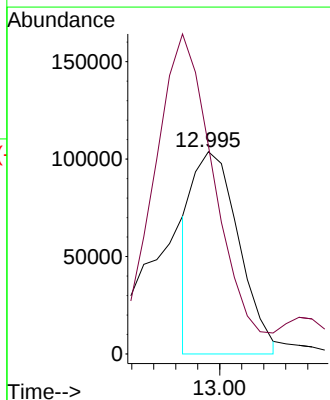
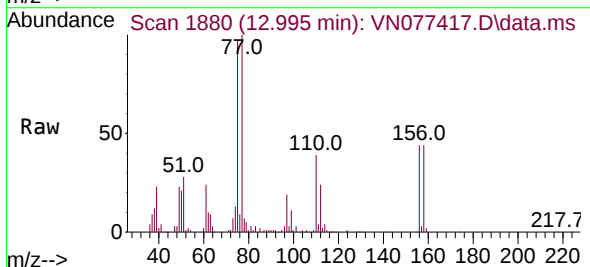
Reviewed By :John
Carlone
04/24/2023

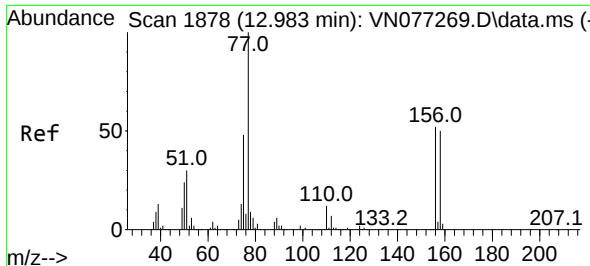
Supervised By :Mahesh
Dadoda
04/24/2023



#72
1,2,3-Trichloropropane
Concen: 18.331 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

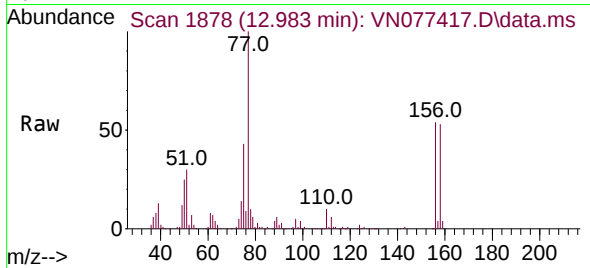
Tgt Ion: 75 Resp: 150825
Ion Ratio Lower Upper
75 100
77 213.1 0.0 434.2





#73
Bromobenzene
Concen: 18.652 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

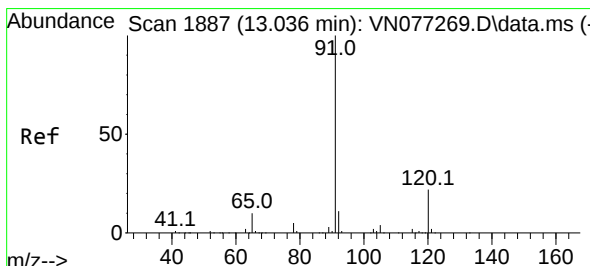
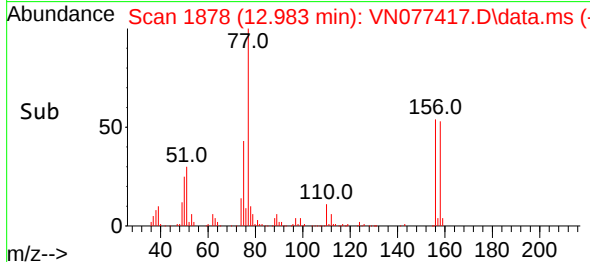
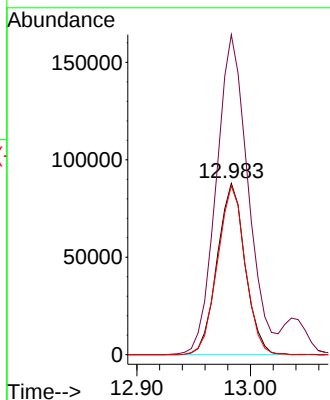


Tgt Ion:156 Resp: 149780
Ion Ratio Lower Upper
156 100
77 214.6 0.0 456.6
158 97.8 0.0 195.6

Manual Integrations
APPROVED

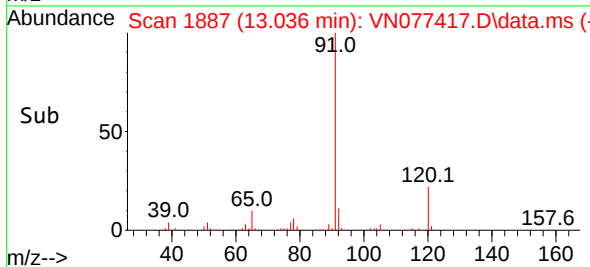
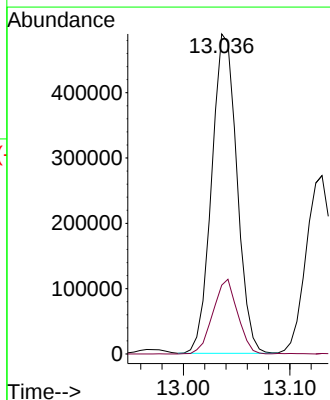
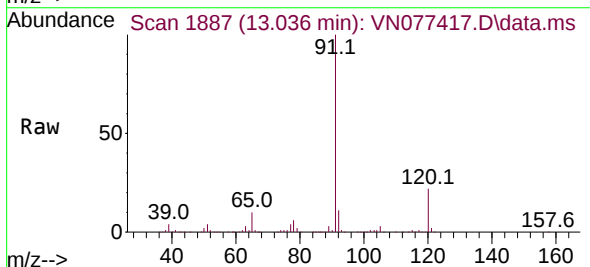
Reviewed By :John
Carlone
04/24/2023

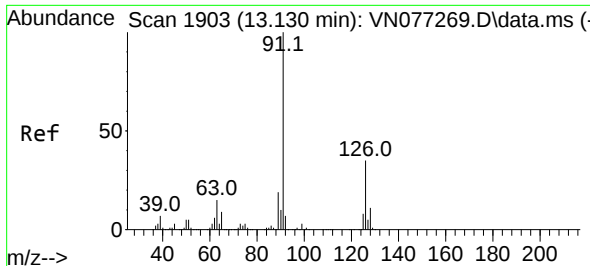
Supervised By :Mahesh
Dadoda
04/24/2023



#74
n-propylbenzene
Concen: 18.427 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Tgt Ion: 91 Resp: 805847
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.6





#75
2-Chlorotoluene
Concen: 18.502 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

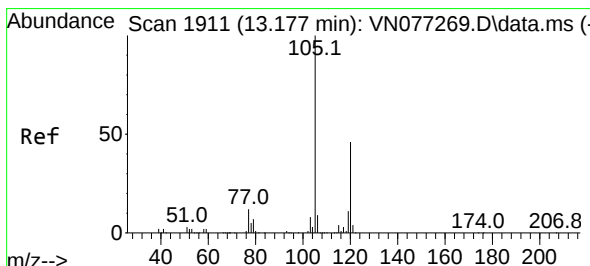
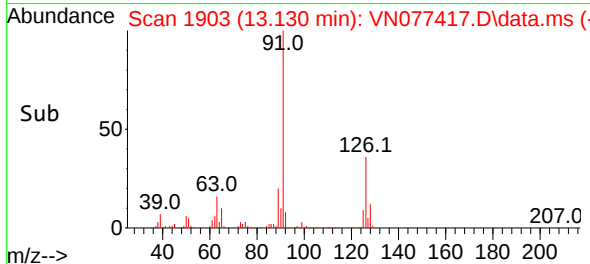
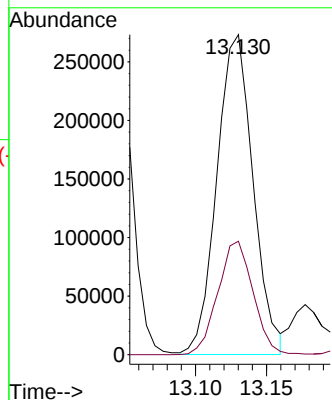
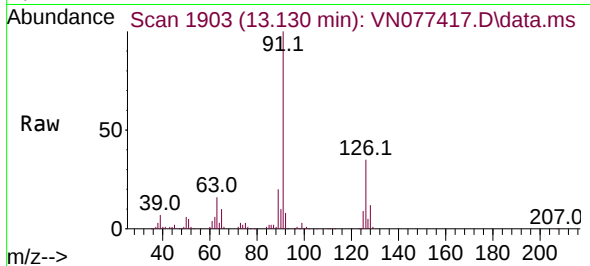
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 48472
Ion Ratio Lower Upper
91 100
126 34.4 0.0 67.0

Manual Integrations
APPROVED

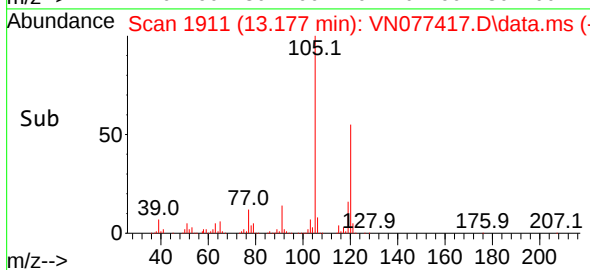
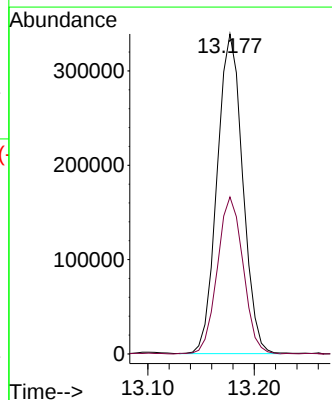
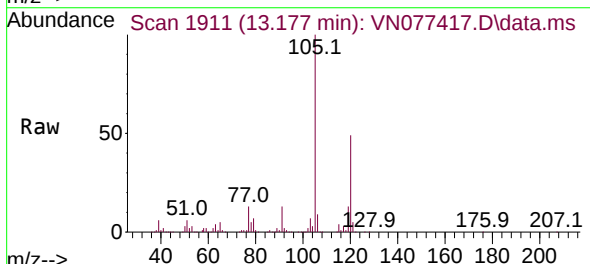
Reviewed By :John
Carlone
04/24/2023

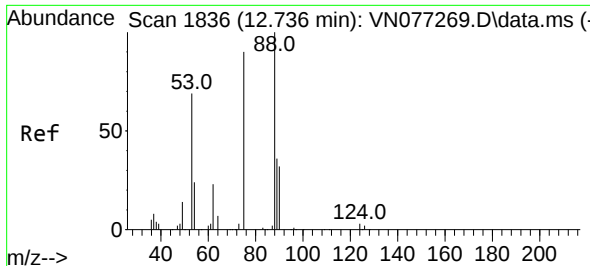
Supervised By :Mahesh
Dadoda
04/24/2023



#76
1,3,5-Trimethylbenzene
Concen: 17.559 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Tgt Ion:105 Resp: 564872
Ion Ratio Lower Upper
105 100
120 49.5 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 14.923 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

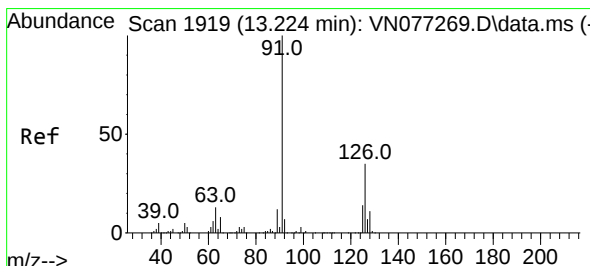
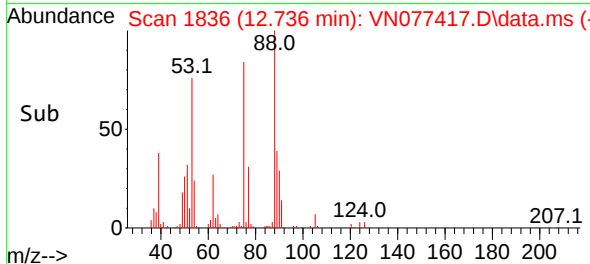
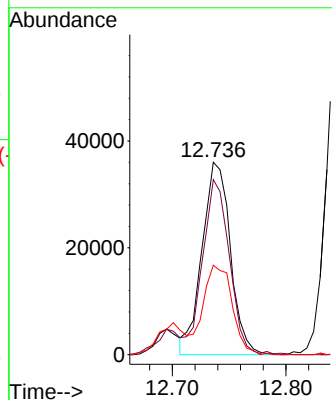
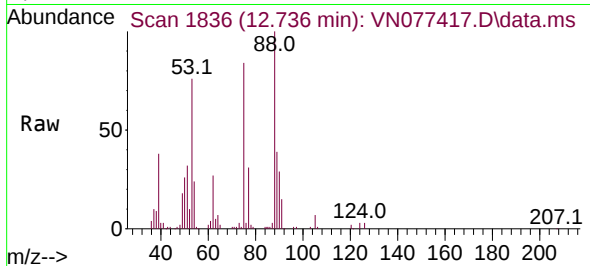
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 6254
Ion Ratio Lower Upper
75 100
53 90.2 38.8 116.4
89 46.5 23.2 69.6

Manual Integrations
APPROVED

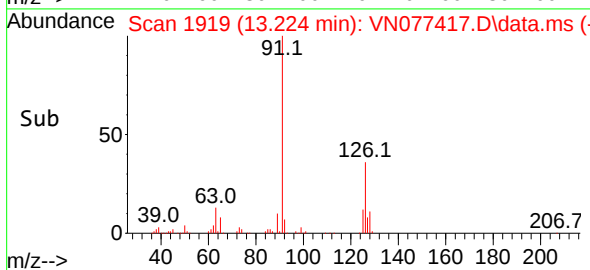
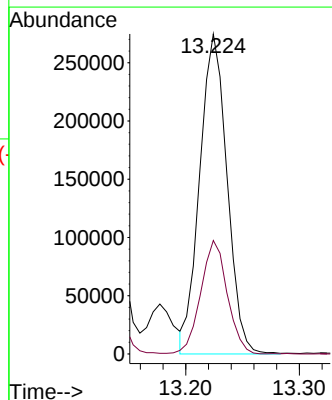
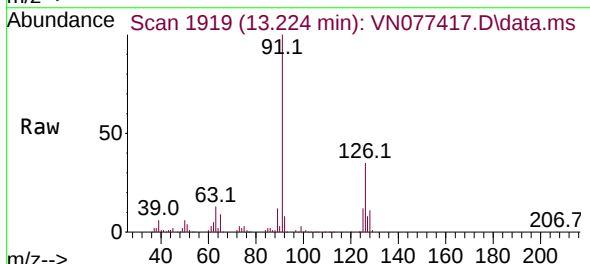
Reviewed By :John
Carlone
04/24/2023

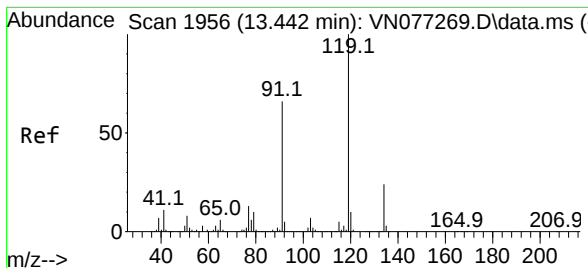
Supervised By :Mahesh
Dadoda
04/24/2023



#78
4-Chlorotoluene
Concen: 18.564 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

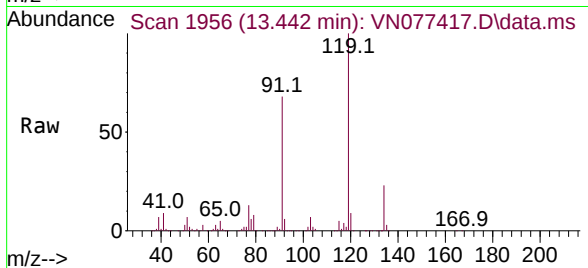
Tgt Ion: 91 Resp: 459566
Ion Ratio Lower Upper
91 100
126 34.4 0.0 67.4





#79
tert-butylbenzene
Concen: 18.639 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

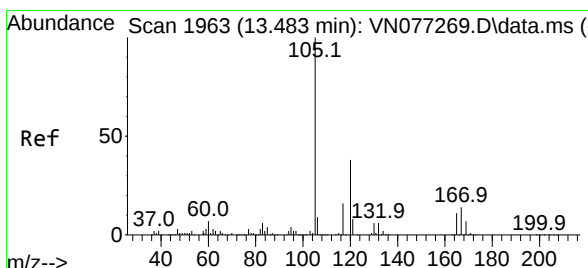
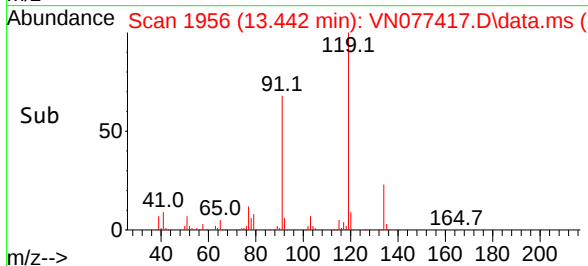
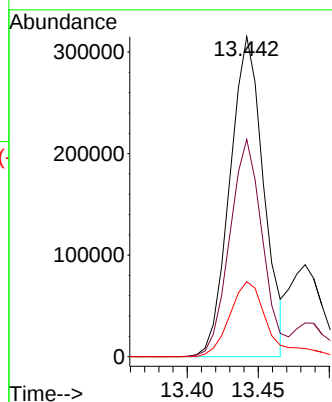


Tgt Ion:119 Resp: 521849
Ion Ratio Lower Upper
119 100
91 66.6 0.0 131.0
134 26.6 0.0 49.8

Manual Integrations
APPROVED

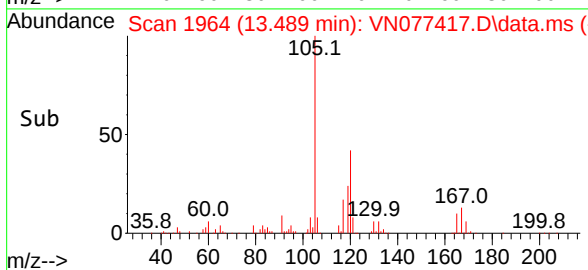
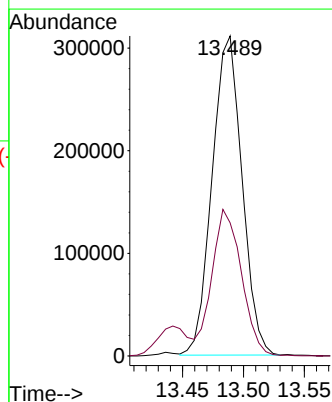
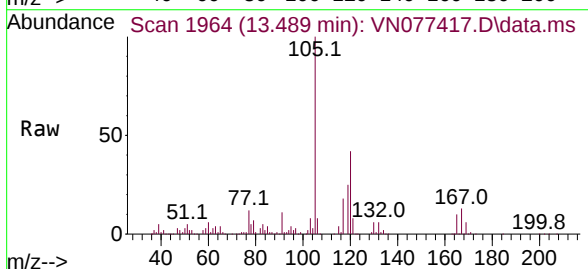
Reviewed By :John
Carlone
04/24/2023

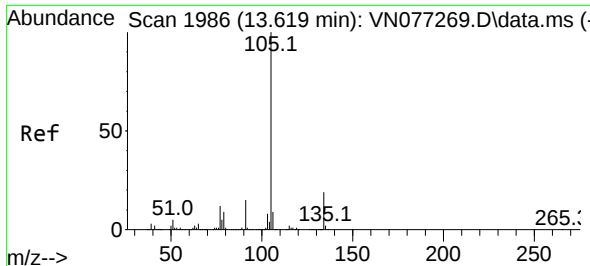
Supervised By :Mahesh
Dadoda
04/24/2023



#80
1,2,4-Trimethylbenzene
Concen: 16.949 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

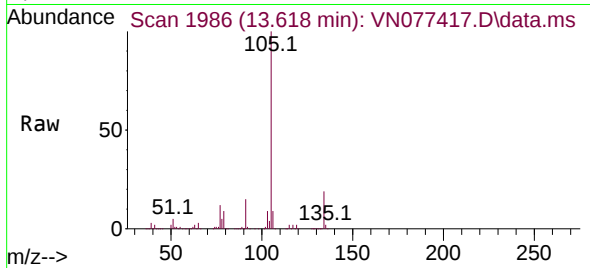
Tgt Ion:105 Resp: 531535
Ion Ratio Lower Upper
105 100
120 45.2 0.0 91.0





#81
 sec-Butylbenzene
 Concen: 18.457 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077417.D
 Acq: 21 Apr 2023 09:50

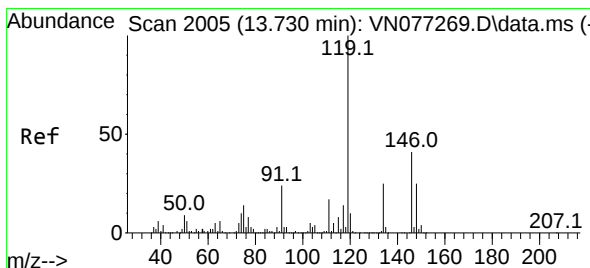
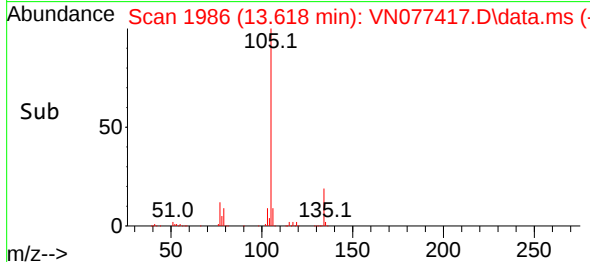
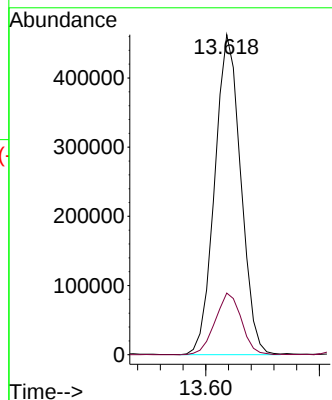
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion:105 Resp: 73802
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.6

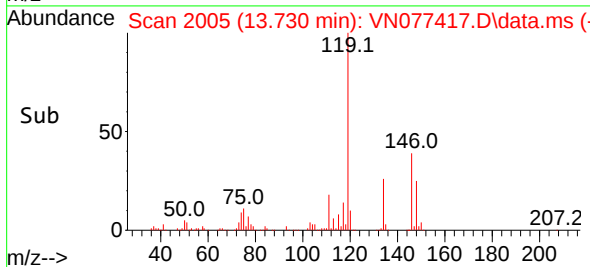
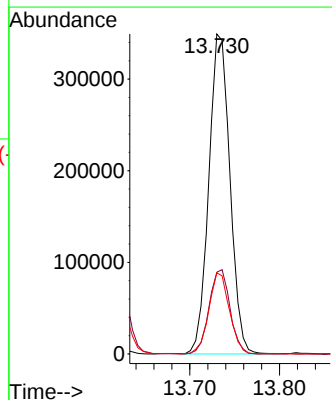
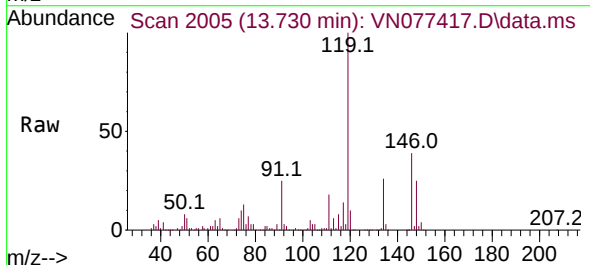
Manual Integrations
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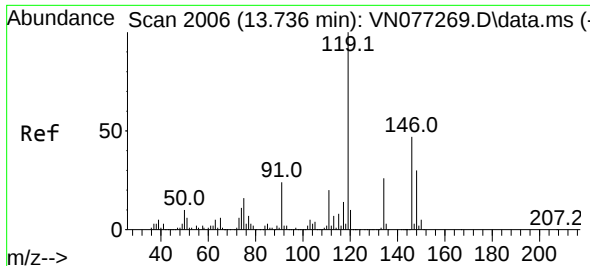
Reviewed By :John
 Carlone
 04/24/2023
 Supervised By :Mahesh
 Dadoda
 04/24/2023



#82
 p-Isopropyltoluene
 Concen: 17.849 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077417.D
 Acq: 21 Apr 2023 09:50

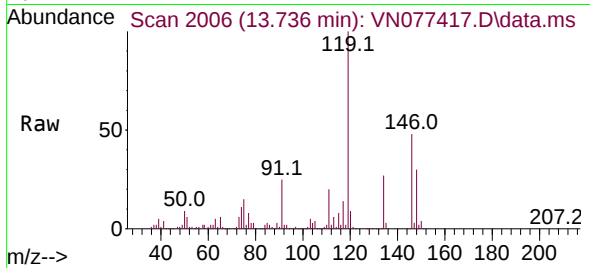
Tgt Ion:119 Resp: 571802
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.0
 91 24.7 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 18.236 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

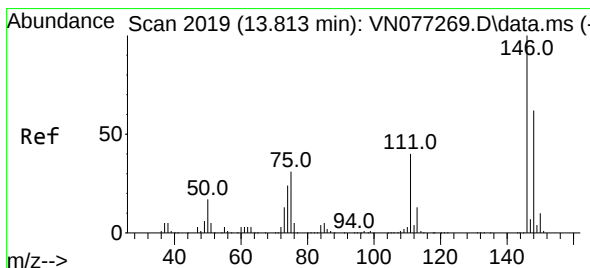
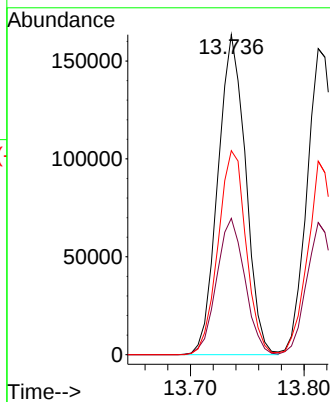
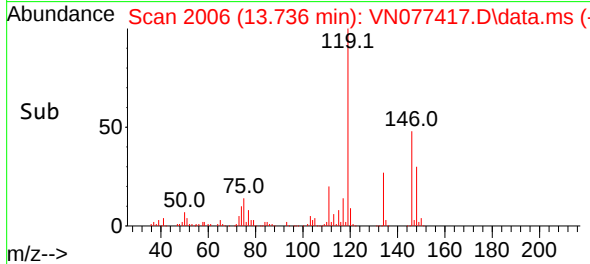


Tgt Ion:146 Resp: 277662
Ion Ratio Lower Upper
146 100
111 43.4 21.4 64.2
148 64.3 31.9 95.5

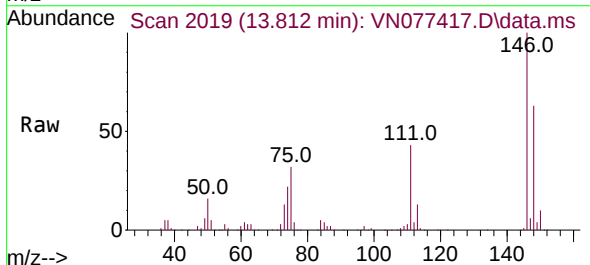
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/24/2023

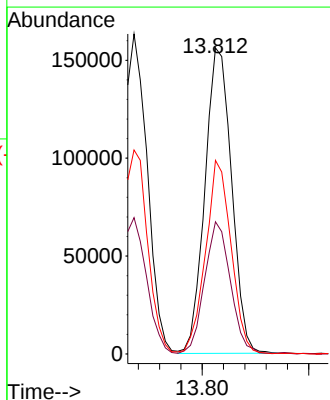
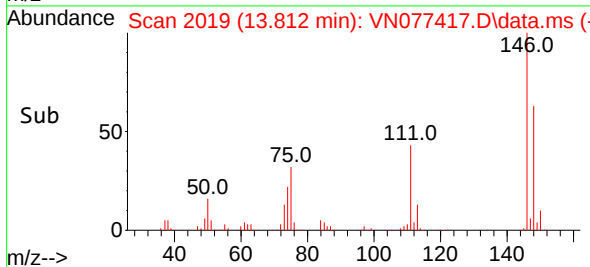
Supervised By :Mahesh
Dadoda
04/24/2023

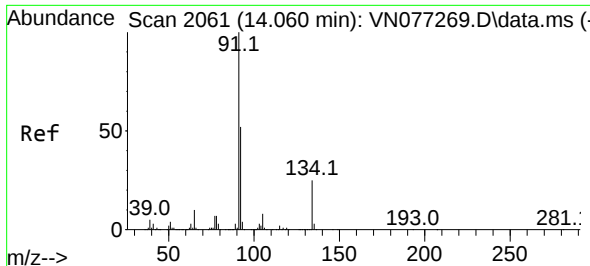


#84
1,4-Dichlorobenzene
Concen: 18.403 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50



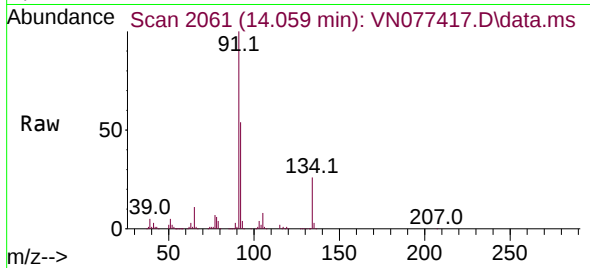
Tgt Ion:146 Resp: 271850
Ion Ratio Lower Upper
146 100
111 42.1 20.3 61.0
148 61.0 31.6 94.7





#85
n-Butylbenzene
Concen: 17.237 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

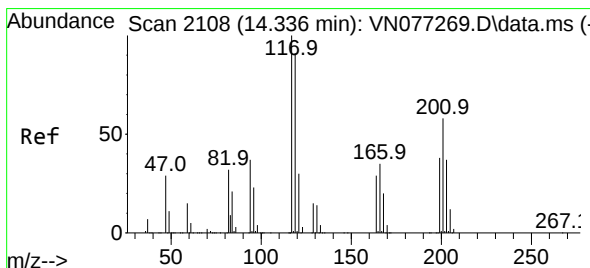
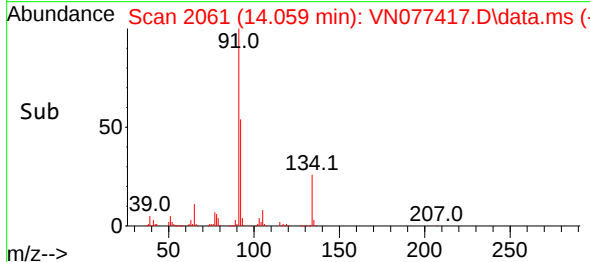
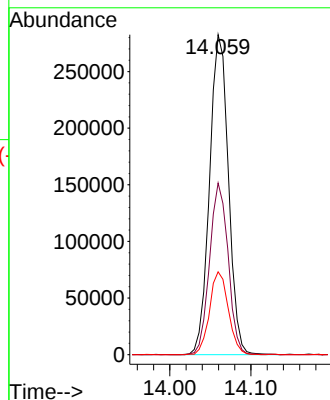


Tgt Ion: 91 Resp: 45629
Ion Ratio Lower Upper
91 100
92 52.6 0.0 105.6
134 25.8 0.0 49.4

Manual Integrations
APPROVED

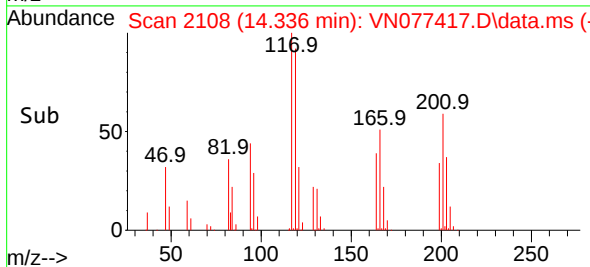
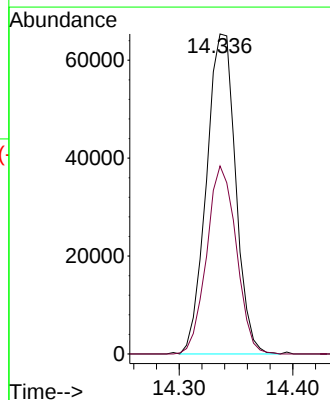
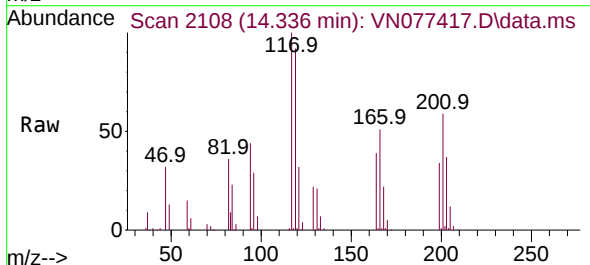
Reviewed By :John
Carlone
04/24/2023

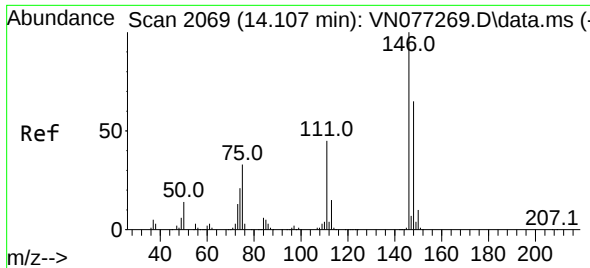
Supervised By :Mahesh
Dadoda
04/24/2023



#86
Hexachloroethane
Concen: 17.148 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

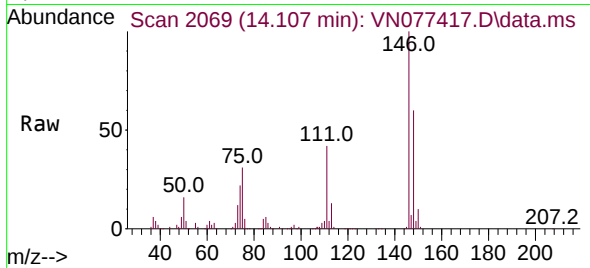
Tgt Ion:117 Resp: 116859
Ion Ratio Lower Upper
117 100
201 59.5 29.1 87.4





#87
1,2-Dichlorobenzene
Concen: 18.791 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

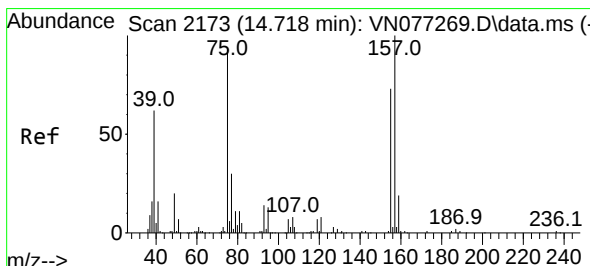
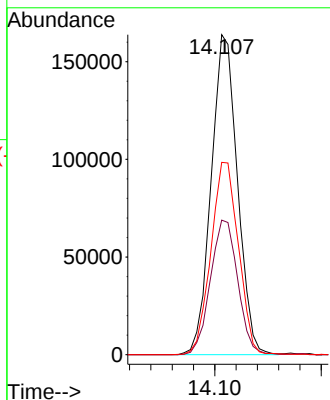
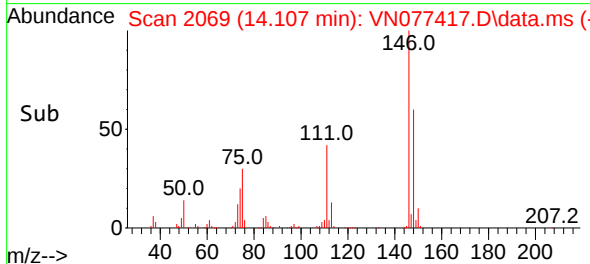


Tgt Ion:146 Resp: 28034
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.5
148 62.9 31.9 95.7

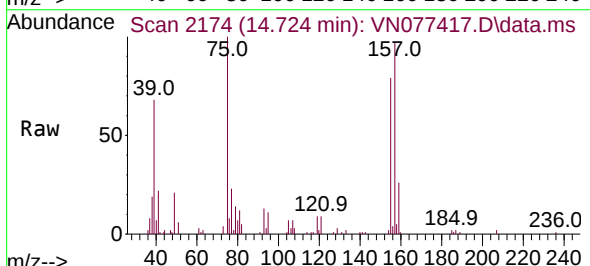
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/24/2023

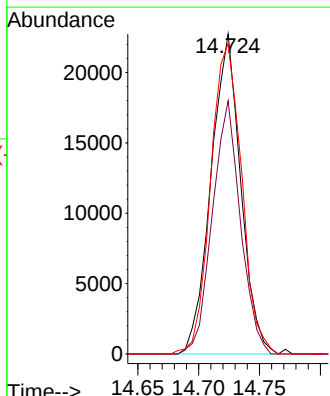
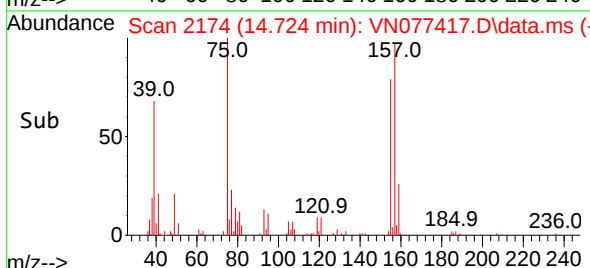
Supervised By :Mahesh
Dadoda
04/24/2023

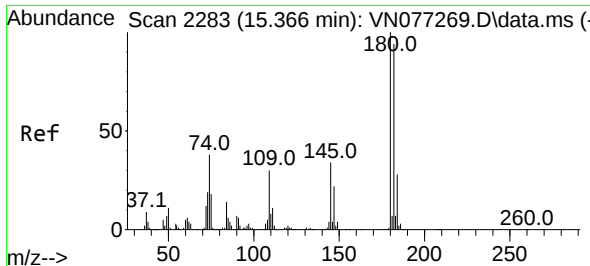


#88
1,2-Dibromo-3-Chloropropane
Concen: 16.619 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50



Tgt Ion: 75 Resp: 38548
Ion Ratio Lower Upper
75 100
155 74.8 67.8 101.6
157 101.0 86.3 129.5





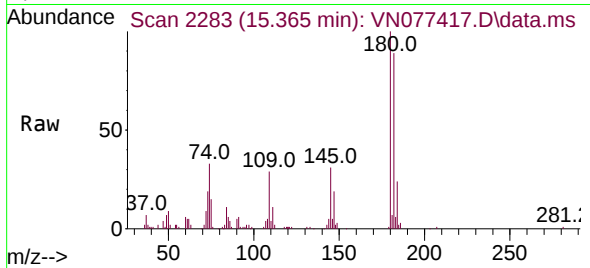
#89
1,2,4-Trichlorobenzene
Concen: 12.874 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:180 Resp: 75549
Ion Ratio Lower Upper
180 100
182 95.9 75.6 113.4
145 33.9 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :John

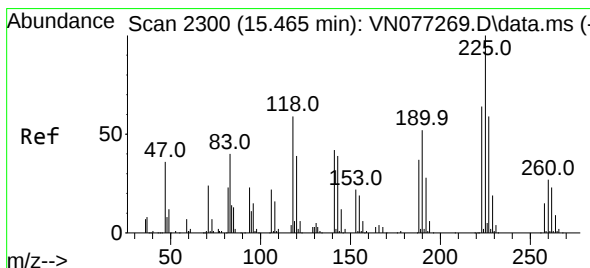
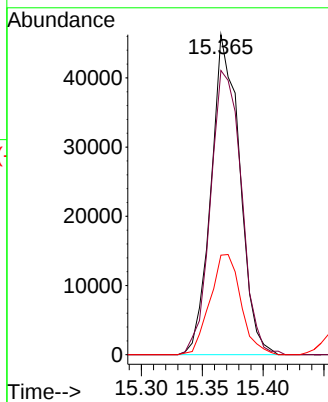
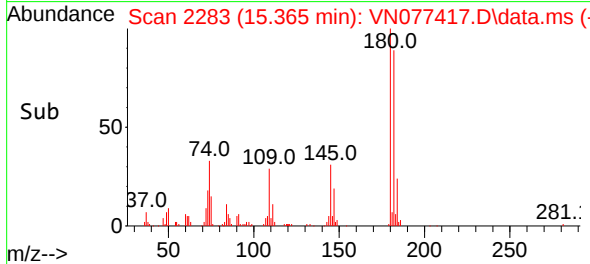
Carlone

04/24/2023

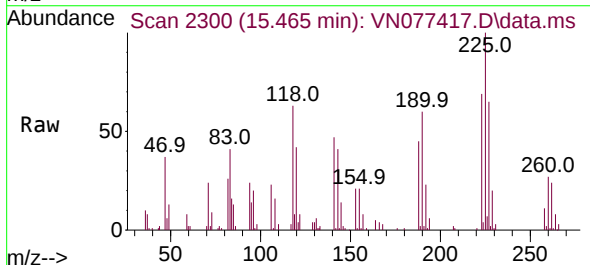
Supervised By :Mahesh

Dadoda

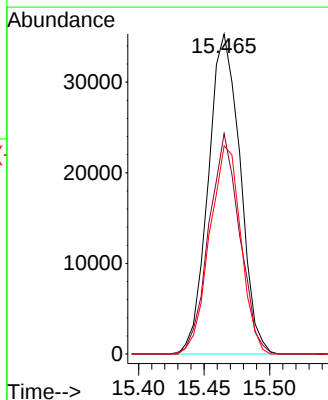
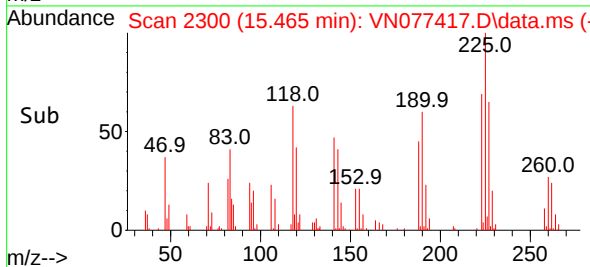
04/24/2023

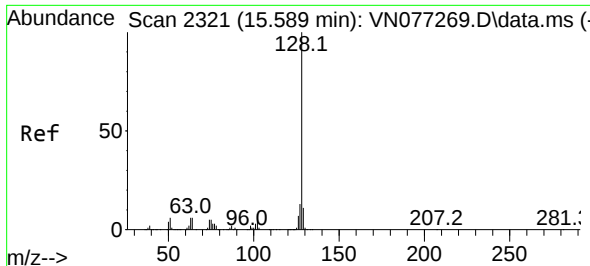


#90
Hexachlorobutadiene
Concen: 19.762 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50



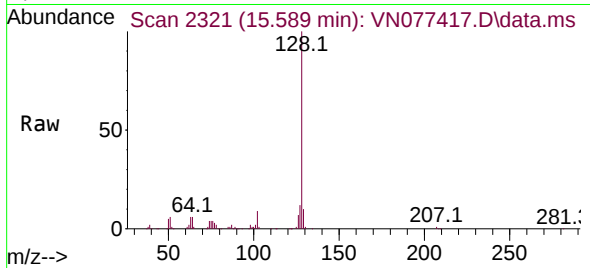
Tgt Ion:225 Resp: 59478
Ion Ratio Lower Upper
225 100
223 66.7 0.0 126.0
227 63.9 0.0 127.2





#91
Naphthalene
Concen: 11.474 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

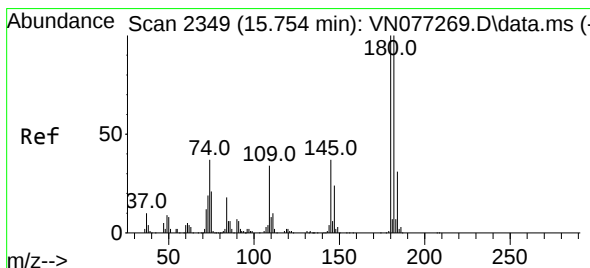
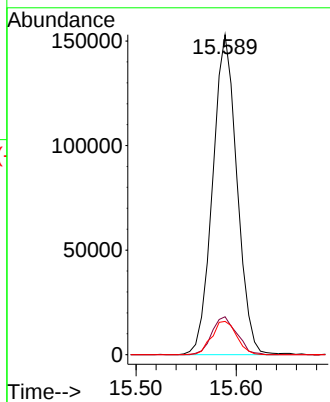
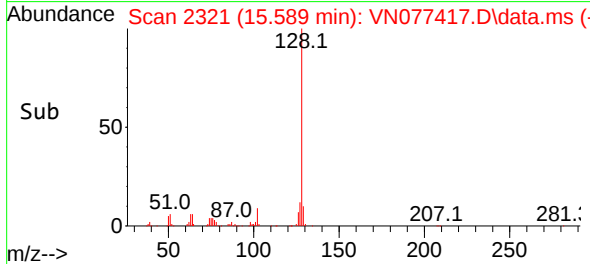


Tgt Ion:128 Resp: 25722
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/24/2023

Supervised By :Mahesh
Dadoda
04/24/2023



#92
1,2,3-Trichlorobenzene
Concen: 12.085 ug/l
RT: 15.759 min Scan# 2350
Delta R.T. 0.005 min
Lab File: VN077417.D
Acq: 21 Apr 2023 09:50

Tgt Ion:180 Resp: 69200
Ion Ratio Lower Upper
180 100
182 92.2 0.0 190.4
145 33.7 0.0 72.4

