

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080432.D
 Acq On : 12 Dec 2023 10:57
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 13 01:28:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:22:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	342334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	537941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	483409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	241944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	84712	19.374	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.740%#		
35) Dibromofluoromethane	8.165	113	64638	18.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.900%#		
50) Toluene-d8	10.571	98	243766	19.163	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.320%#		
62) 4-Bromofluorobenzene	12.847	95	93193	19.294	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92554	21.156	ug/l	99
3) Chloromethane	2.360	50	94730	20.419	ug/l	95
4) Vinyl Chloride	2.518	62	79749	21.346	ug/l	93
5) Bromomethane	2.948	94	35309	20.962	ug/l	92
6) Chloroethane	3.118	64	53387	22.224	ug/l	99
7) Trichlorofluoromethane	3.501	101	159989	21.113	ug/l	96
8) Diethyl Ether	3.959	74	50046	20.968	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	77605	21.607	ug/l	95
10) Methyl Iodide	4.589	142	66581	21.075	ug/l	95
11) Tert butyl alcohol	5.506	59	55651	108.071	ug/l	99
12) 1,1-Dichloroethene	4.342	96	78596	21.357	ug/l	89
13) Acrolein	4.177	56	59696	105.856	ug/l	100
14) Allyl chloride	5.018	41	96096	21.105	ug/l	98
15) Acrylonitrile	5.712	53	158526	108.952	ug/l	99
16) Acetone	4.424	43	72334	93.301	ug/l	99
17) Carbon Disulfide	4.706	76	217313	20.836	ug/l	98
18) Methyl Acetate	5.018	43	100694	20.185	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	264113	21.511	ug/l	99
20) Methylene Chloride	5.271	84	85527	20.614	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	84350	21.138	ug/l #	81
22) Diisopropyl ether	6.665	45	215016	21.879	ug/l	96
23) Vinyl Acetate	6.600	43	619737	109.801	ug/l	94
24) 1,1-Dichloroethane	6.565	63	147667	21.537	ug/l	97
25) 2-Butanone	7.477	43	157150	105.222	ug/l #	86
26) 2,2-Dichloropropane	7.489	77	149848	21.373	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	93890	20.787	ug/l	87
28) Bromochloromethane	7.812	49	56045	21.289	ug/l	97
29) Tetrahydrofuran	7.836	42	117567	109.930	ug/l	90
30) Chloroform	7.965	83	162001	21.286	ug/l	95
31) Cyclohexane	8.253	56	126145	21.215	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	159570	21.414	ug/l	97
36) 1,1-Dichloropropene	8.371	75	122077	21.890	ug/l	96
37) Ethyl Acetate	7.553	43	74539	21.344	ug/l	96
38) Carbon Tetrachloride	8.359	117	141734	21.270	ug/l	99
39) Methylcyclohexane	9.600	83	125675	21.693	ug/l	93
40) Benzene	8.606	78	346883	21.540	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	43003	21.360	ug/l	96
42) 1,2-Dichloroethane	8.671	62	129879	21.779	ug/l	95
43) Isopropyl Acetate	8.689	43	138060	21.987	ug/l	98
44) Trichloroethene	9.353	130	93703	21.584	ug/l	99
45) 1,2-Dichloropropane	9.624	63	80784	21.358	ug/l	93
46) Dibromomethane	9.706	93	59844	22.032	ug/l	92
47) Bromodichloromethane	9.889	83	127335	21.874	ug/l	98
48) Methyl methacrylate	9.683	41	79438	21.200	ug/l	92
49) 1,4-Dioxane	9.694	88	24009	422.726	ug/l #	84
51) 4-Methyl-2-Pentanone	10.441	43	377685	109.216	ug/l	100
52) Toluene	10.630	92	223780	21.997	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	142355	22.602	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	148439	22.049	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	81090	22.152	ug/l	98
56) Ethyl methacrylate	10.871	69	89593	22.107	ug/l #	90
57) 1,3-Dichloropropane	11.159	76	140097	21.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	261473	102.197	ug/l	100
59) 2-Hexanone	11.194	43	293994	115.157	ug/l	99
60) Dibromochloromethane	11.359	129	96912	22.342	ug/l	98
61) 1,2-Dibromoethane	11.471	107	84001	22.172	ug/l	97
64) Tetrachloroethene	11.106	164	79952	21.421	ug/l	97
65) Chlorobenzene	11.894	112	236487	21.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	91293	21.636	ug/l	95
67) Ethyl Benzene	11.965	91	426825	21.586	ug/l	95
68) m/p-Xylenes	12.071	106	323973	44.340	ug/l	92
69) o-Xylene	12.400	106	160397	22.444	ug/l	93
70) Styrene	12.412	104	231296	22.468	ug/l	94
71) Bromoform	12.577	173	65793	21.382	ug/l #	98
73) Isopropylbenzene	12.694	105	409541	21.071	ug/l	99
74) N-amyl acetate	12.494	43	118589	20.894	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	110518	21.220	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	99205m	18.815	ug/l	
77) Bromobenzene	12.977	156	100594	21.039	ug/l	97
78) n-propylbenzene	13.035	91	463932	21.649	ug/l	99
79) 2-Chlorotoluene	13.124	91	298380	21.328	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	361718	21.609	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	36779	20.007	ug/l #	43
82) 4-Chlorotoluene	13.224	91	315016	21.906	ug/l	96
83) tert-Butylbenzene	13.435	119	298601	21.782	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	366970	22.037	ug/l	98
85) sec-Butylbenzene	13.618	105	386966	22.066	ug/l	99
86) p-Isopropyltoluene	13.729	119	353902	22.351	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	181010	21.487	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	181814	21.381	ug/l	97
89) n-Butylbenzene	14.059	91	296819	22.447	ug/l	99
90) Hexachloroethane	14.335	117	53784	21.388	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	168168	21.023	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	21405	19.539	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	89277	20.102	ug/l	96
94) Hexachlorobutadiene	15.500	225	50348	19.913	ug/l	99
95) Naphthalene	15.641	128	275071	20.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	86086	20.086	ug/l	97

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ClientSampleId :
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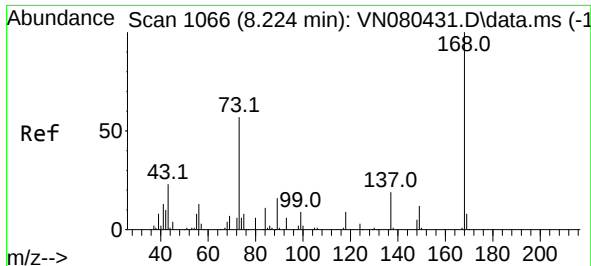
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/13/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:22:48 2023
Response via : Initial Calibration

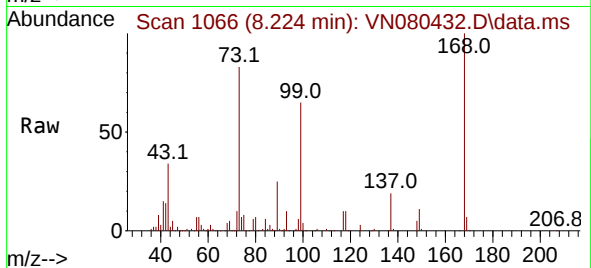
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080432.D
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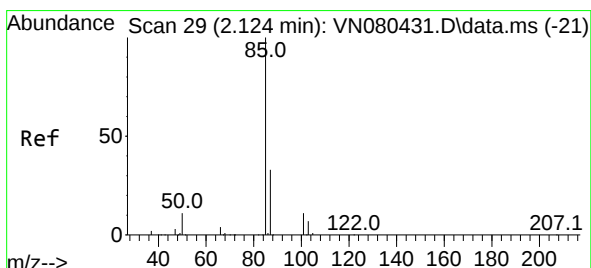
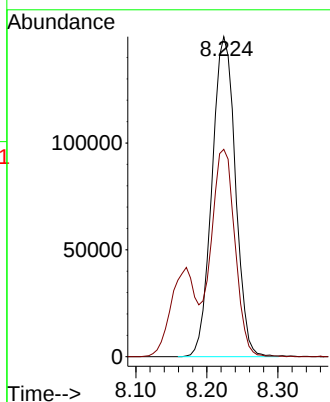
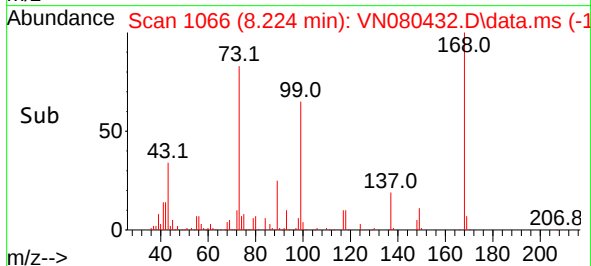
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



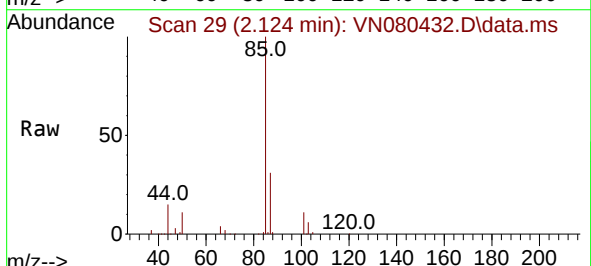
Tgt Ion:168 Resp: 342334
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6

Manual Integrations
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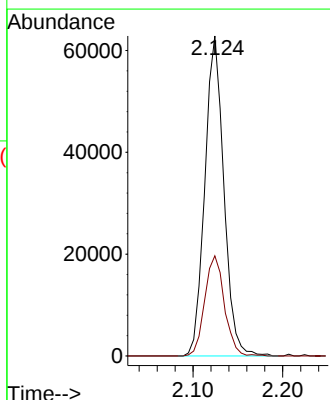
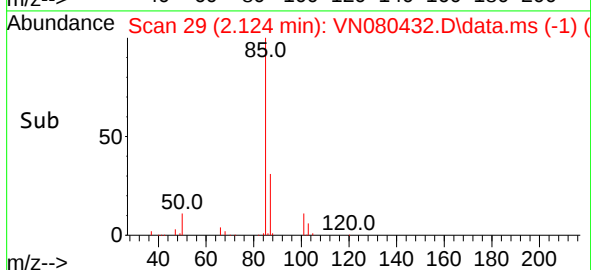
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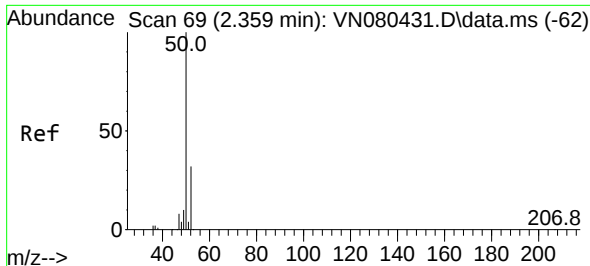


#2
Dichlorodifluoromethane
Concen: 21.156 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57



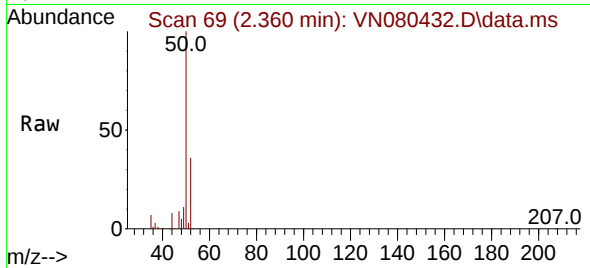
Tgt Ion: 85 Resp: 92554
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3
Chloromethane
Concen: 20.419 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

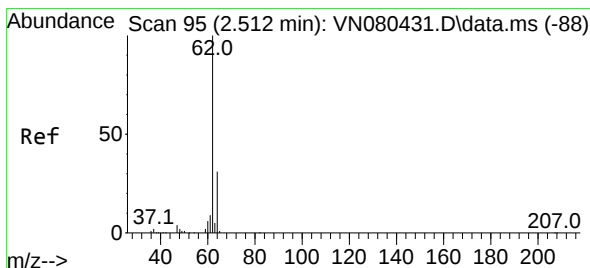
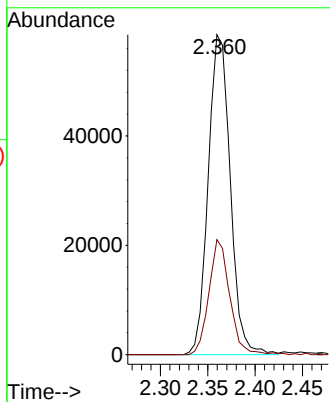
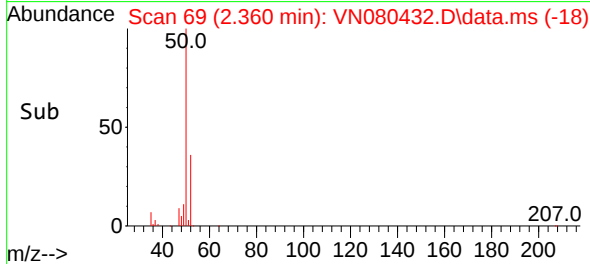
Instrument :
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Tgt Ion: 50 Resp: 94730
Ion Ratio Lower Upper
50 100
52 36.0 26.5 39.7

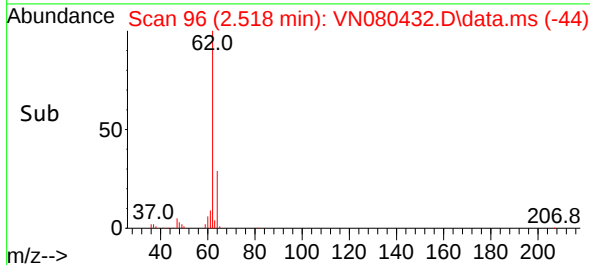
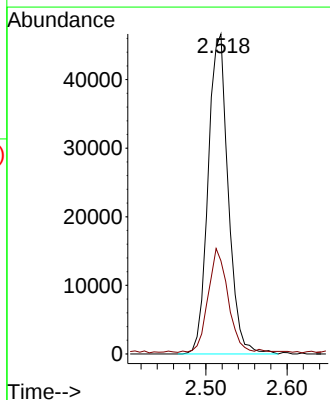
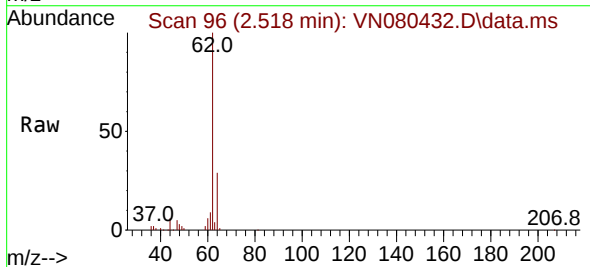
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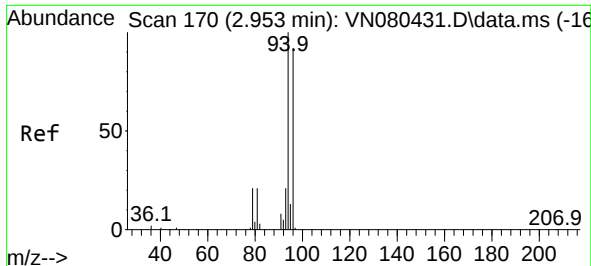
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#4
Vinyl Chloride
Concen: 21.346 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

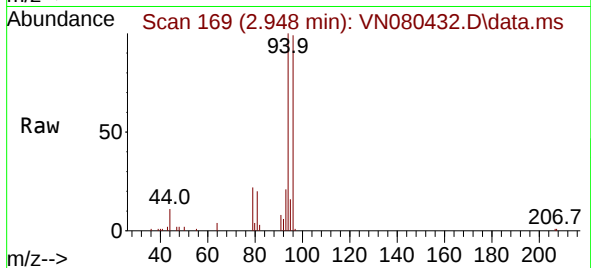
Tgt Ion: 62 Resp: 79749
Ion Ratio Lower Upper
62 100
64 28.6 26.2 39.2





#5
Bromomethane
Concen: 20.962 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

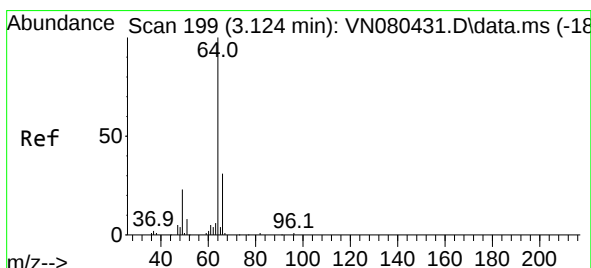
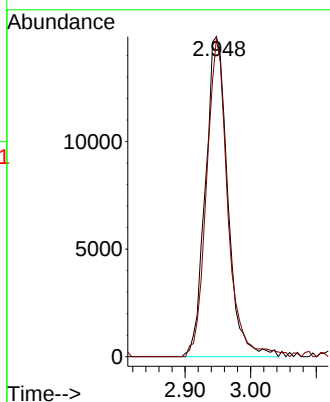
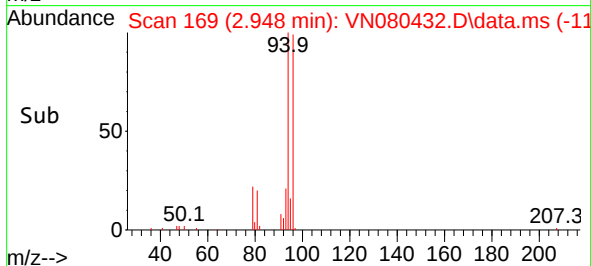
Instrument :
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Tgt Ion: 94 Resp: 35309
Ion Ratio Lower Upper
94 100
96 99.4 73.1 109.7

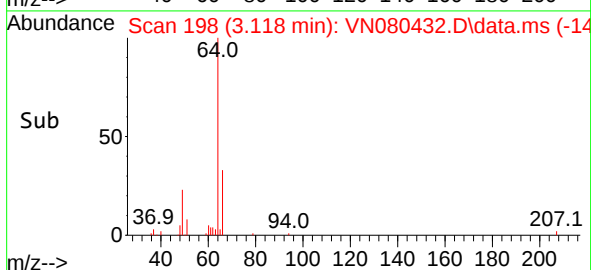
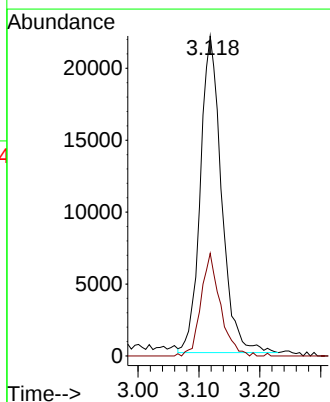
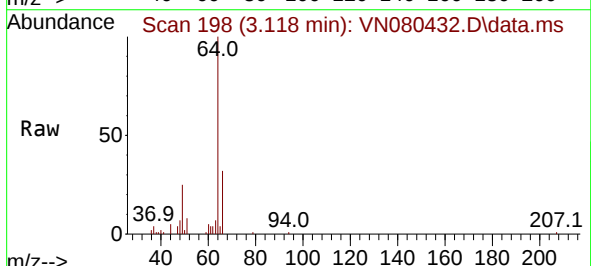
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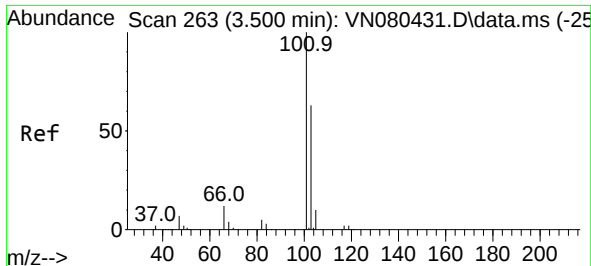
Reviewed By :John Carlone 12/13/2023
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#6
Chloroethane
Concen: 22.224 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 64 Resp: 53387
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.2





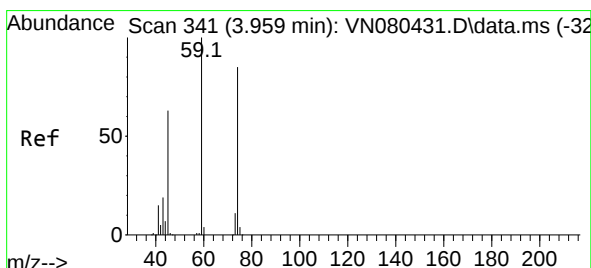
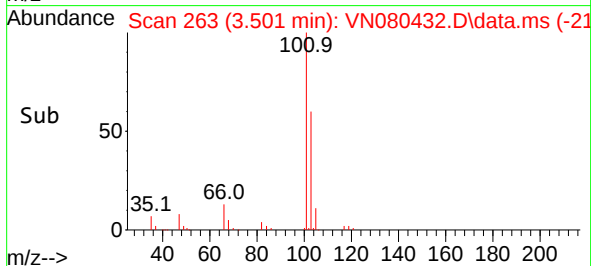
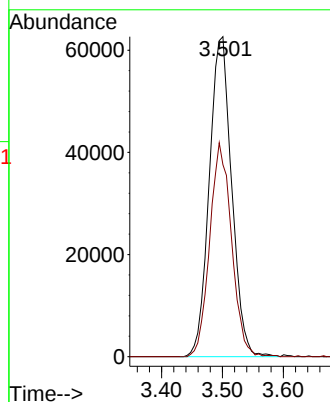
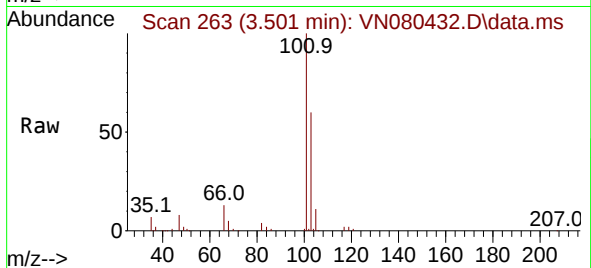
#7
Trichlorofluoromethane
Concen: 21.113 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 159989
Ion Ratio Lower Upper
101 100
103 60.0 50.7 76.1

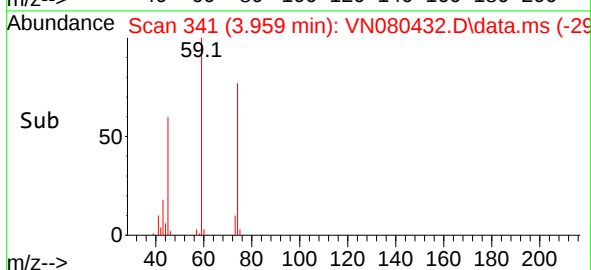
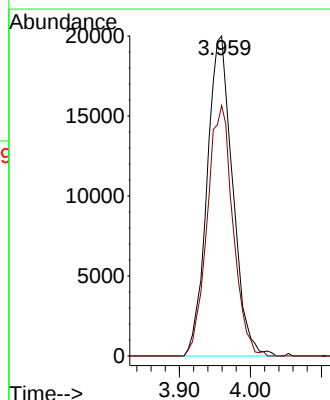
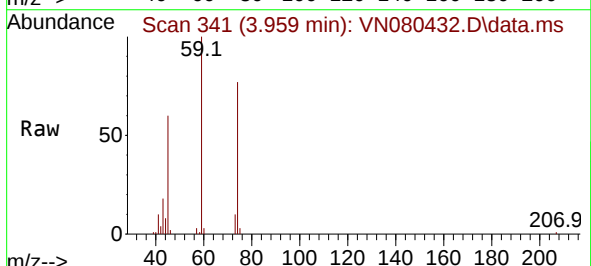
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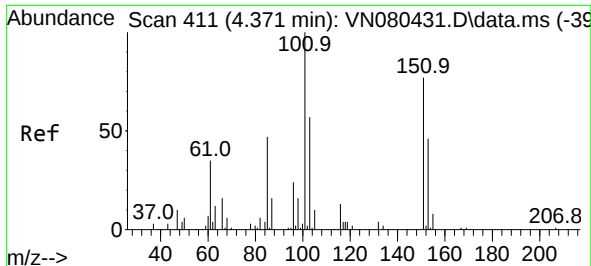
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#8
Diethyl Ether
Concen: 20.968 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

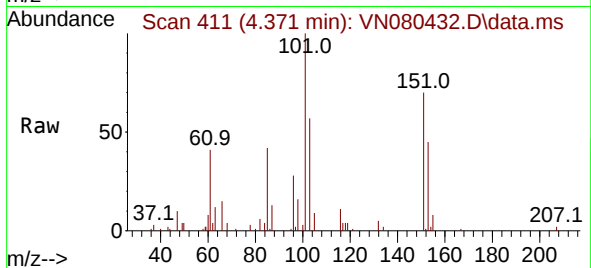
Tgt Ion: 74 Resp: 50046
Ion Ratio Lower Upper
74 100
45 78.6 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.607 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080432.D
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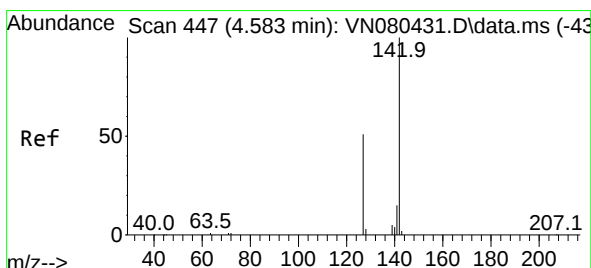
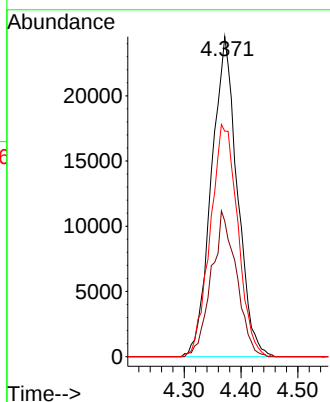
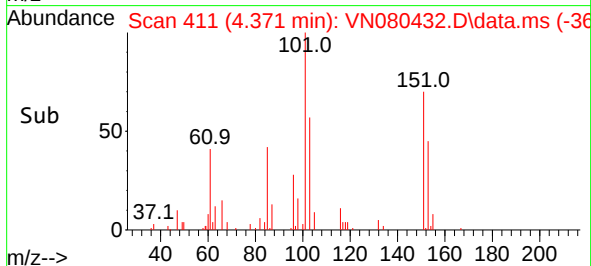
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



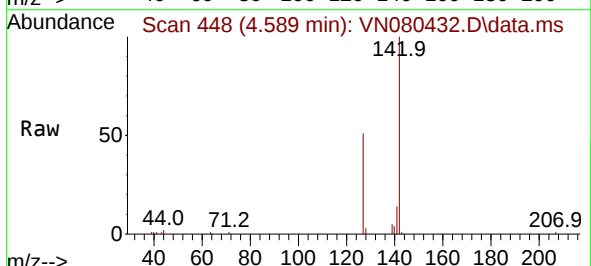
Tgt Ion:101 Resp: 7760
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 77.2 57.6 86.4

Manual Integrations
APPROVED

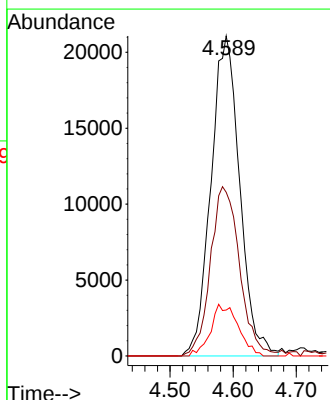
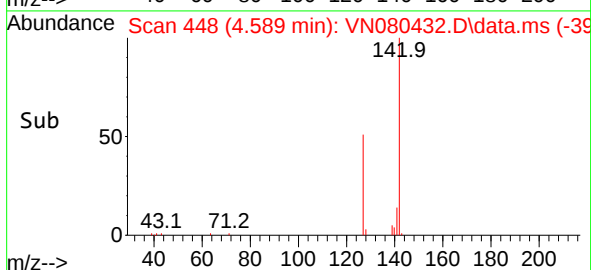
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

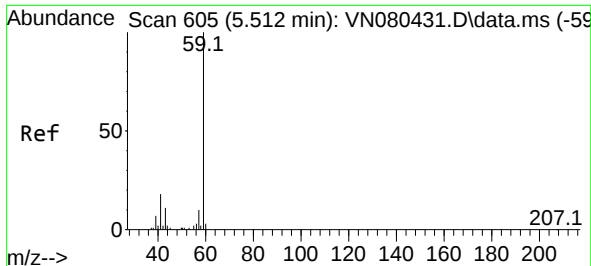


#10
Methyl Iodide
Concen: 21.075 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57



Tgt Ion:142 Resp: 66581
Ion Ratio Lower Upper
142 100
127 51.1 37.6 56.4
141 14.4 11.4 17.0





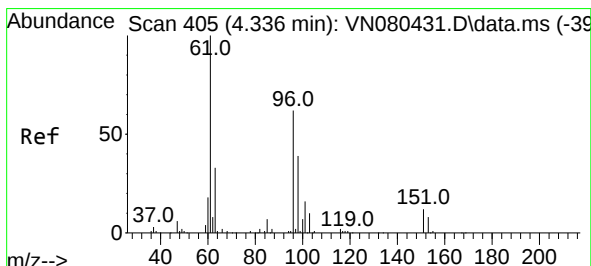
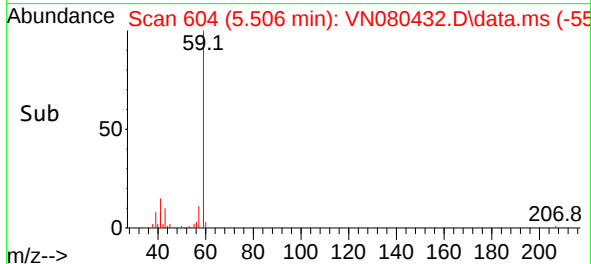
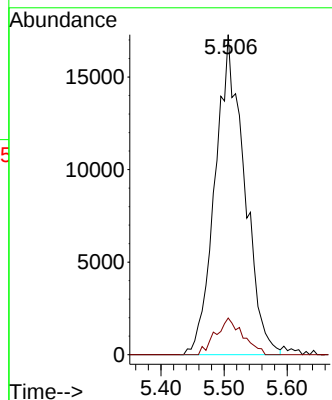
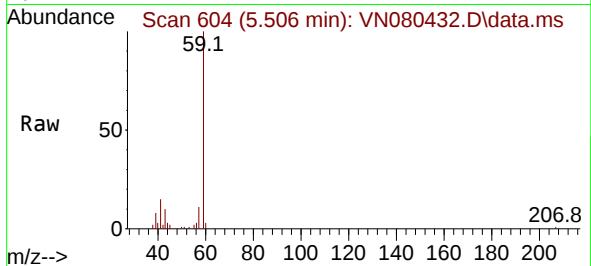
#11
Tert butyl alcohol
Concen: 108.071 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 5565
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

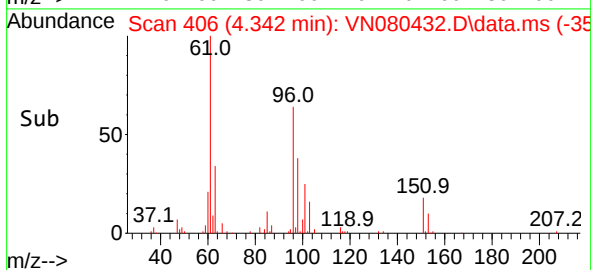
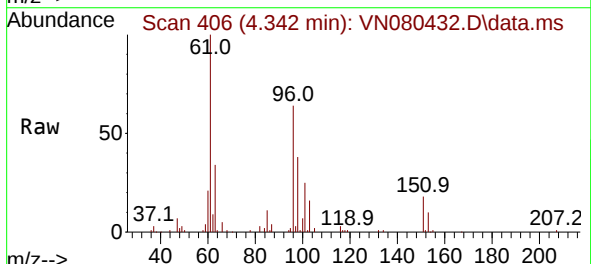
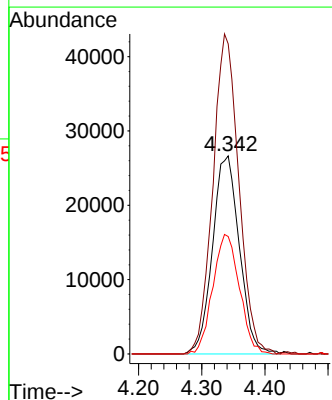
Manual Integrations
APPROVED

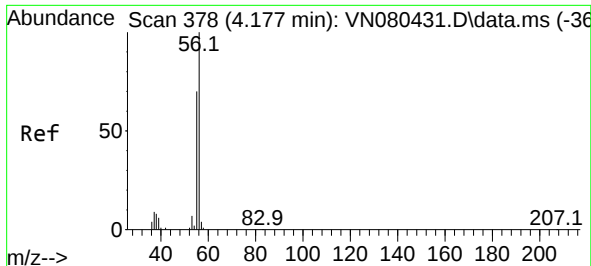
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#12
1,1-Dichloroethene
Concen: 21.357 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 96 Resp: 78596
Ion Ratio Lower Upper
96 100
61 156.6 112.7 169.1
98 59.3 51.2 76.8





#13

Acrolein

Concen: 105.856 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 59690

Ion Ratio Lower Upper

56 100

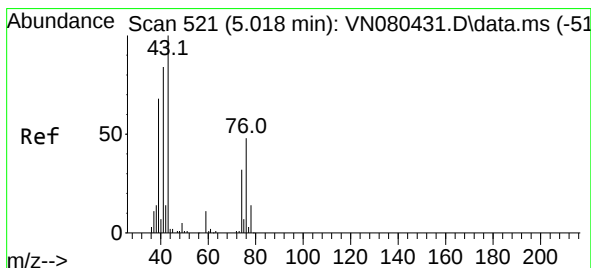
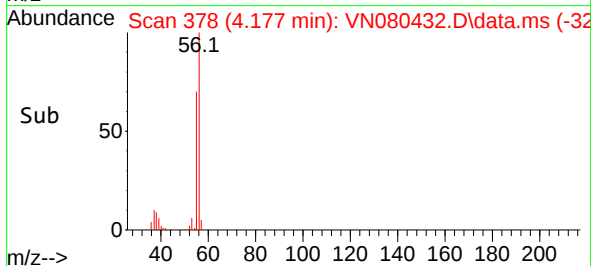
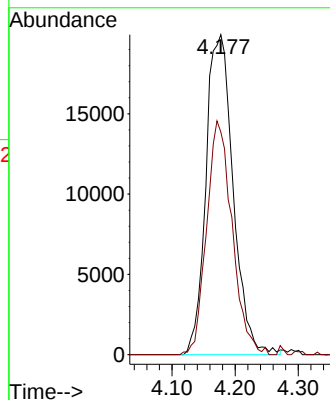
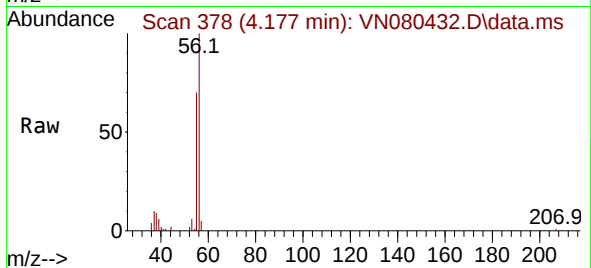
55 68.4 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#14

Allyl chloride

Concen: 21.105 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

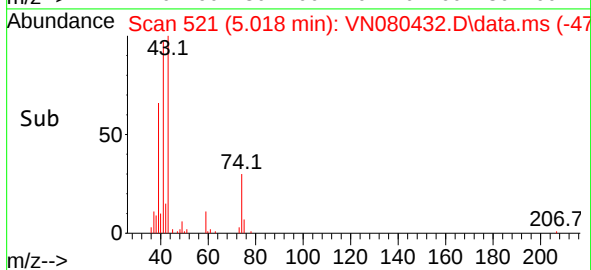
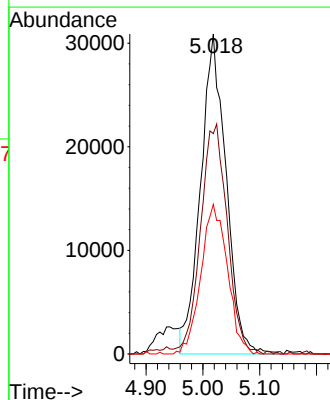
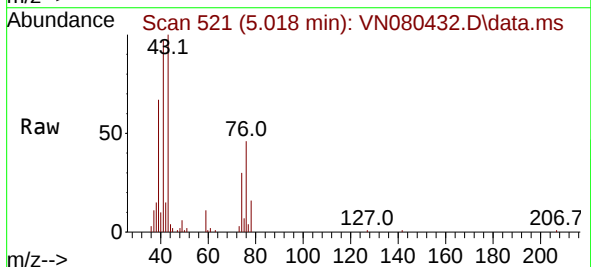
Tgt Ion: 41 Resp: 96096

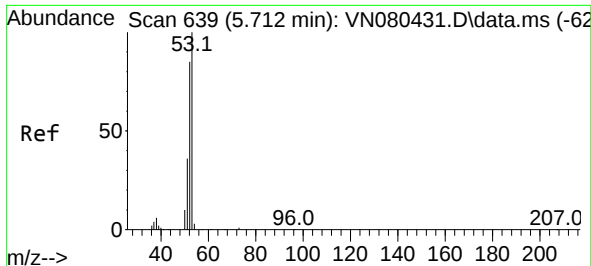
Ion Ratio Lower Upper

41 100

39 75.4 58.8 88.2

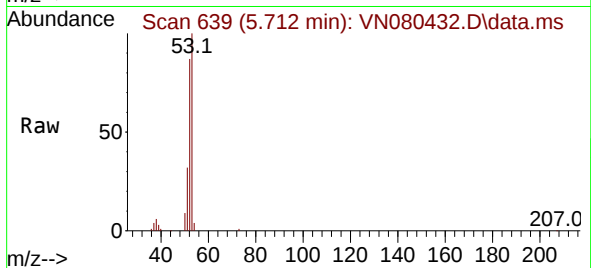
76 48.6 39.1 58.7





#15
Acrylonitrile
Concen: 108.952 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

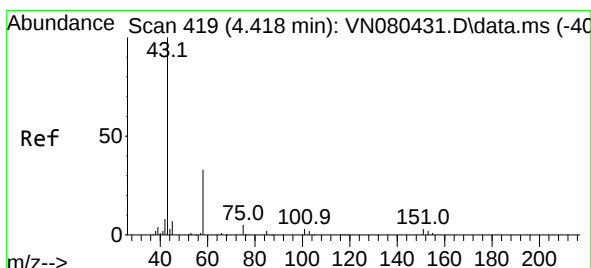
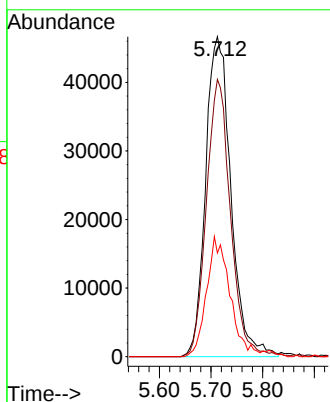
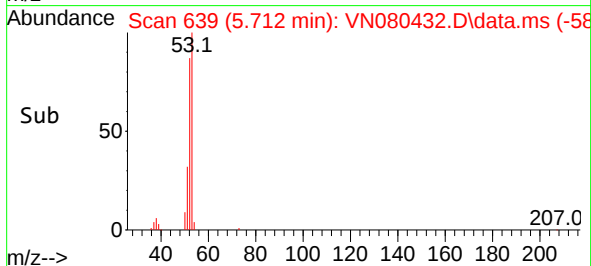
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 158520
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 34.7 28.9 43.3

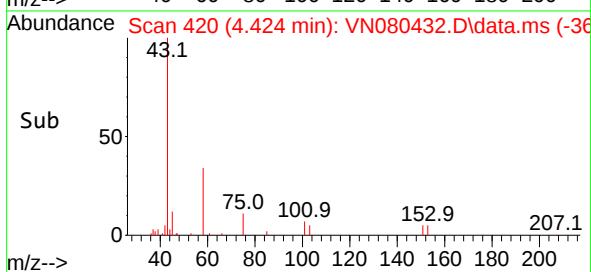
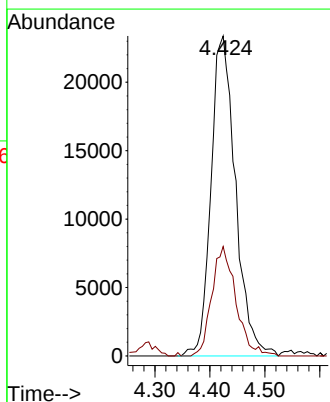
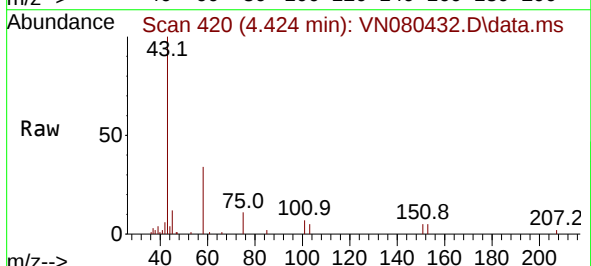
Manual Integrations
APPROVED

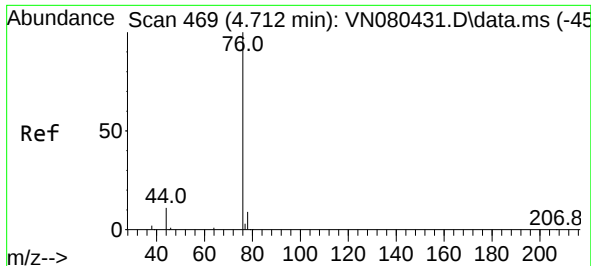
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#16
Acetone
Concen: 93.301 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 43 Resp: 72334
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0





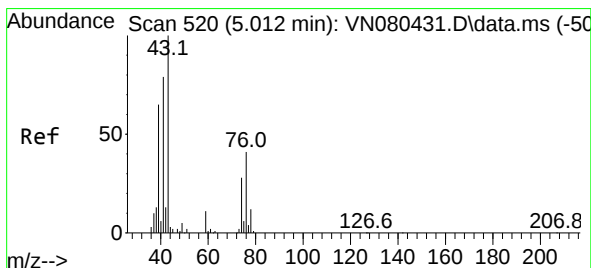
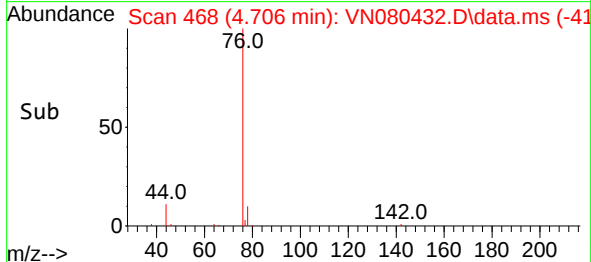
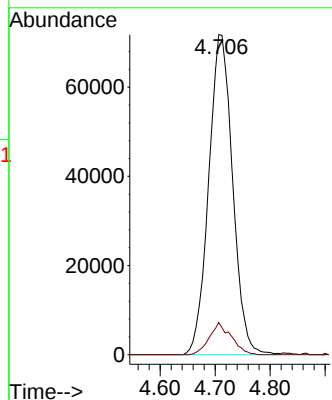
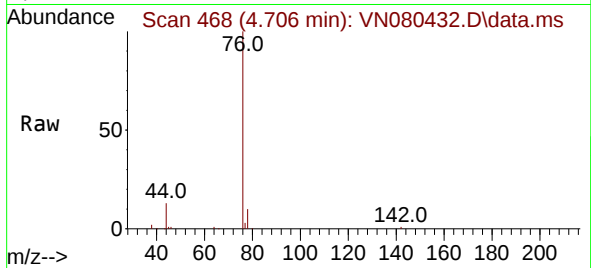
#17
Carbon Disulfide
Concen: 20.836 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 21731
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

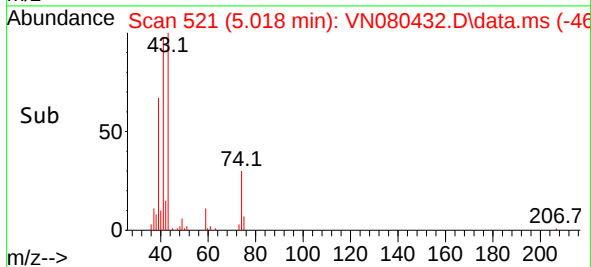
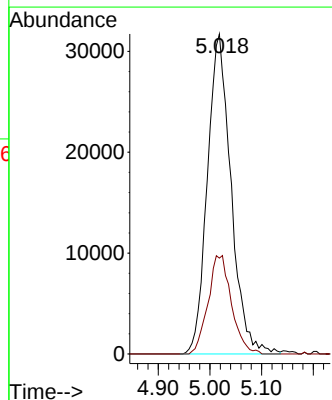
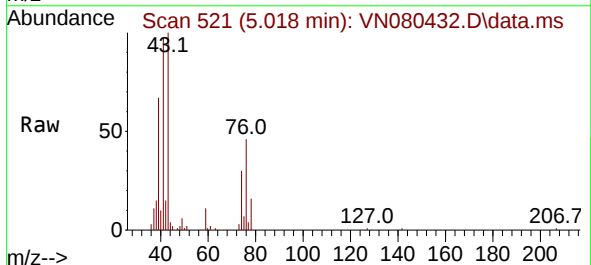
Manual Integrations
APPROVED

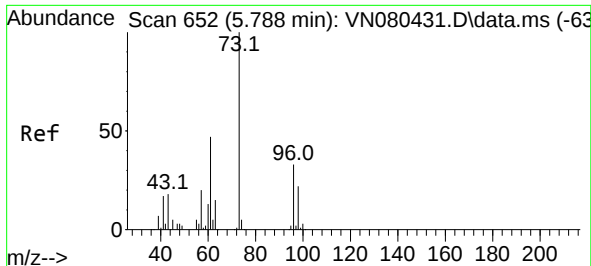
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#18
Methyl Acetate
Concen: 20.185 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

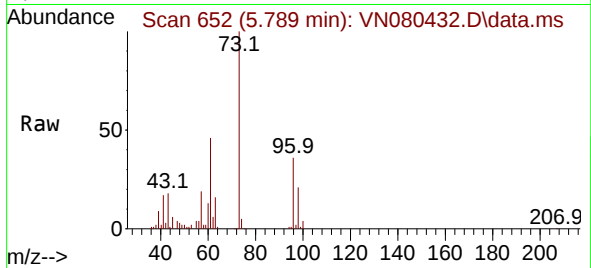
Tgt Ion: 43 Resp: 100694
Ion Ratio Lower Upper
43 100
74 30.5 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 21.511 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

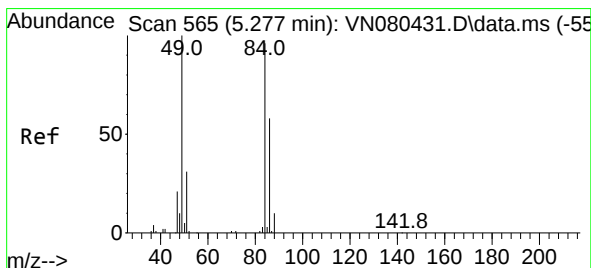
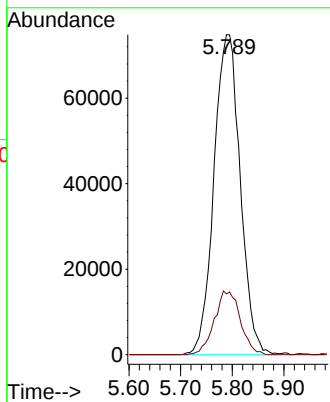
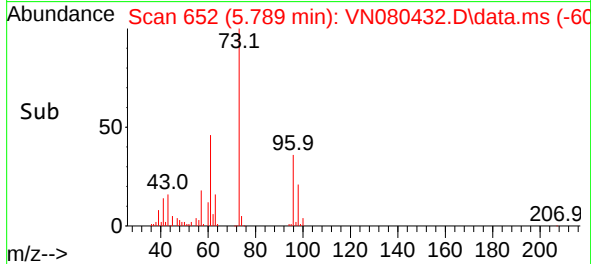
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 26411
Ion Ratio Lower Upper
73 100
57 19.0 15.6 23.4

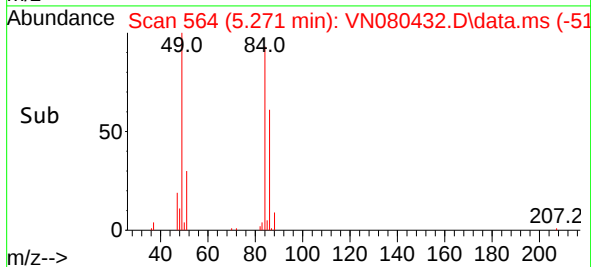
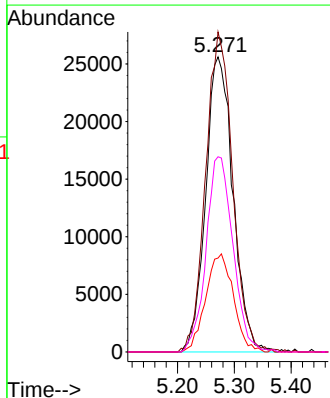
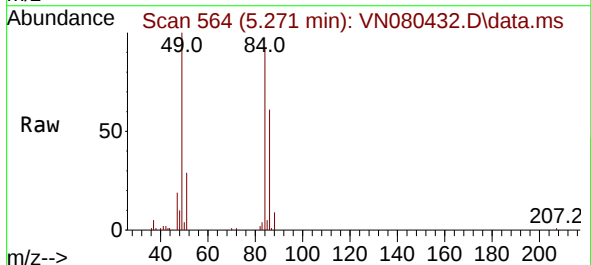
Manual Integrations
APPROVED

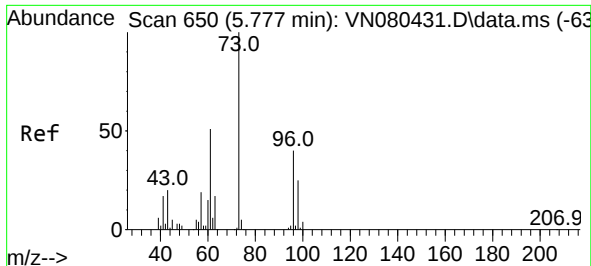
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#20
Methylene Chloride
Concen: 20.614 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

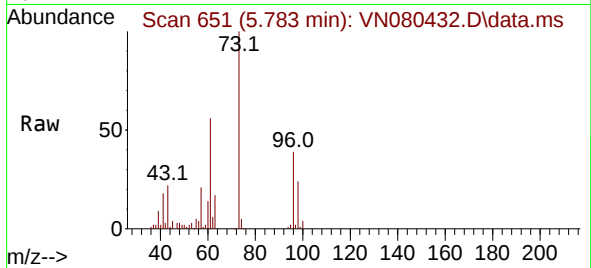
Tgt Ion: 84 Resp: 85527
Ion Ratio Lower Upper
84 100
49 108.4 79.7 119.5
51 31.8 25.2 37.8
86 66.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 21.138 ug/l
RT: 5.783 min Scan# 650
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

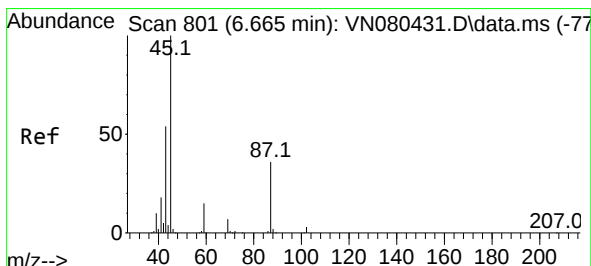
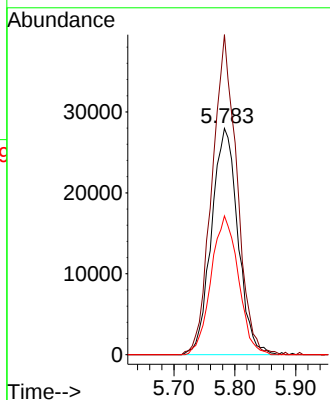
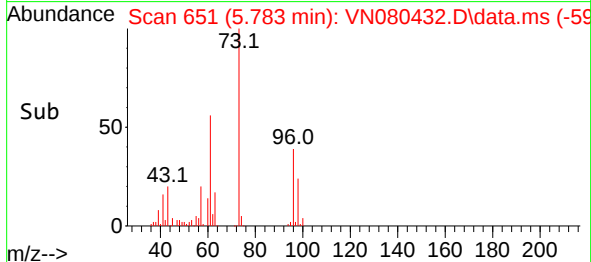
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 84350
Ion Ratio Lower Upper
96 100
61 141.4 90.1 135.1
98 61.3 46.4 69.6

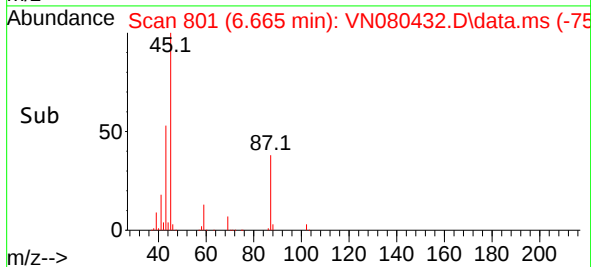
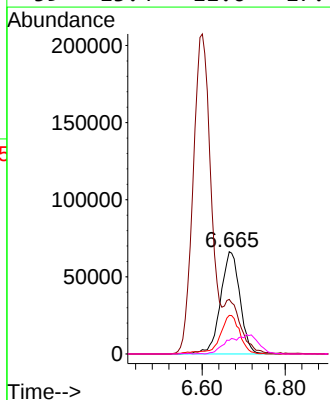
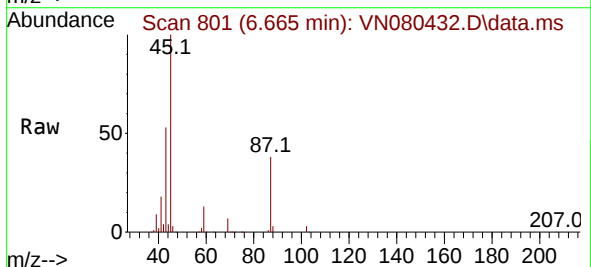
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#22
Diisopropyl ether
Concen: 21.879 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 45 Resp: 215016
Ion Ratio Lower Upper
45 100
43 52.7 45.5 68.3
87 37.8 31.8 47.8
59 13.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 109.801 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

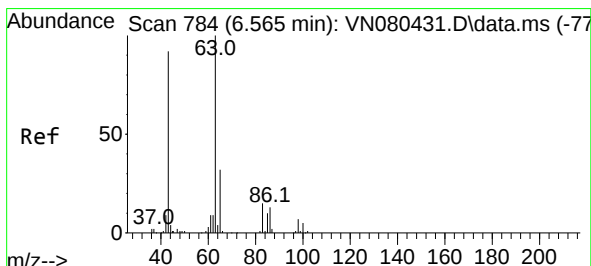
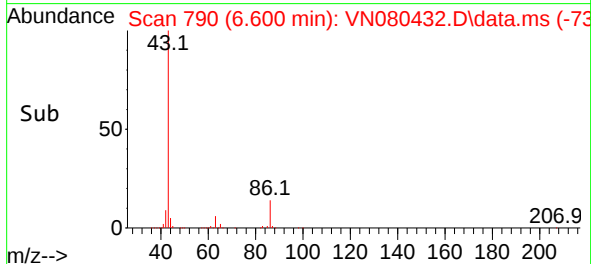
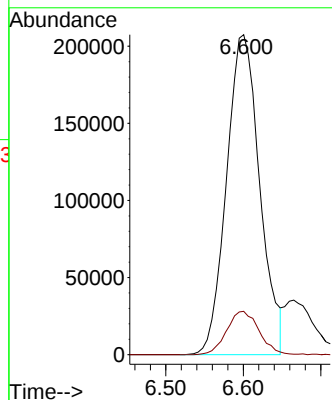
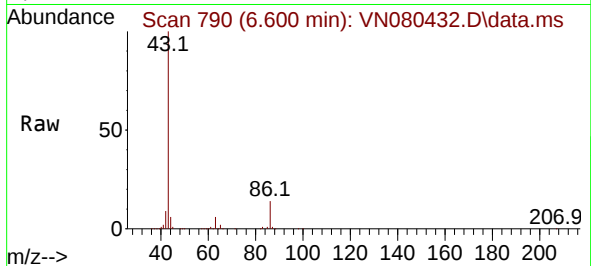
Client Sample Id :

VSTDIC020

Tgt Ion: 43 Resp: 61973
 Ion Ratio Lower Upper
 43 100
 86 13.6 13.0 19.6

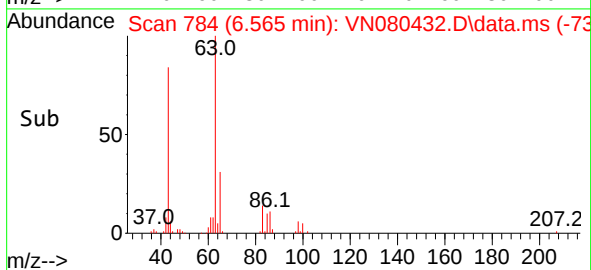
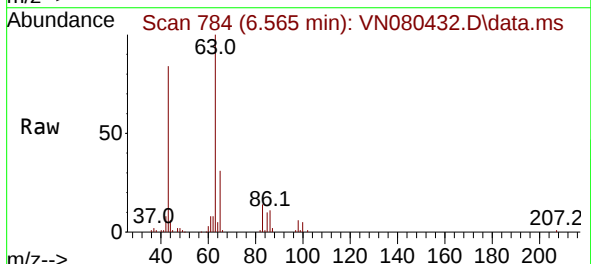
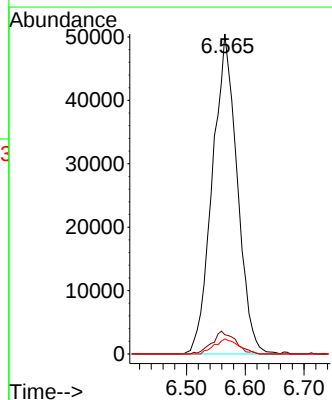
Manual Integrations
 APPROVED

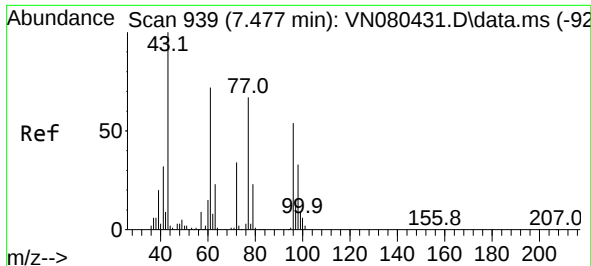
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#24
 1,1-Dichloroethane
 Concen: 21.537 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

Tgt Ion: 63 Resp: 147667
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.9 11.7
 100 4.7 2.5 7.4





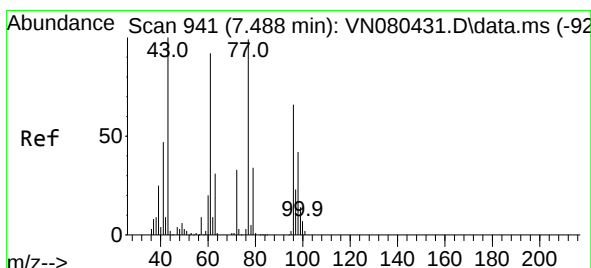
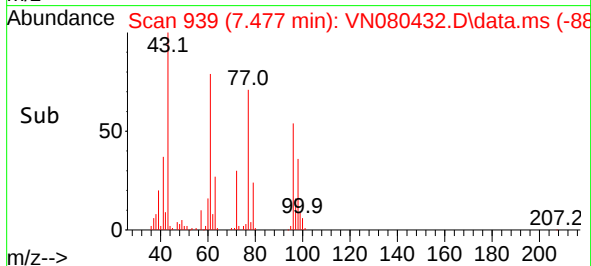
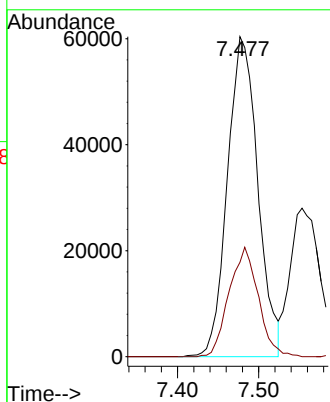
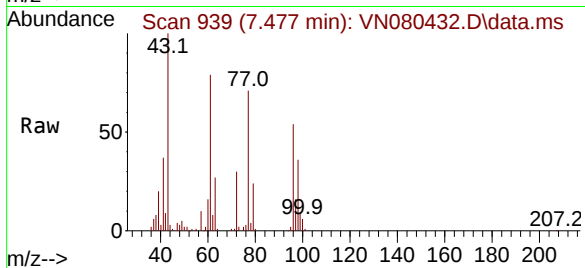
#25
2-Butanone
Concen: 105.222 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 157150
Ion Ratio Lower Upper
43 100
72 29.5 30.2 45.2

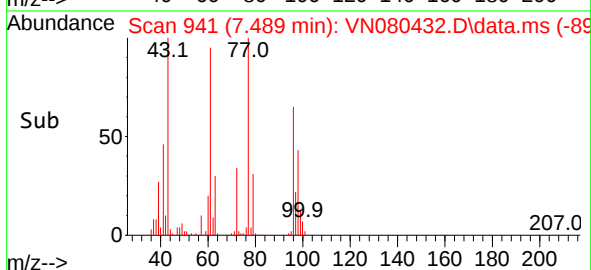
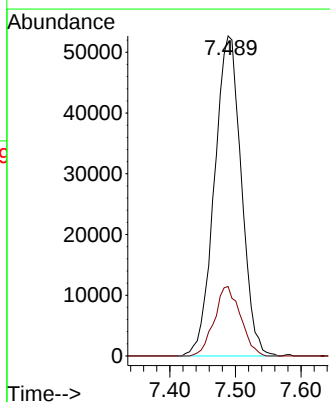
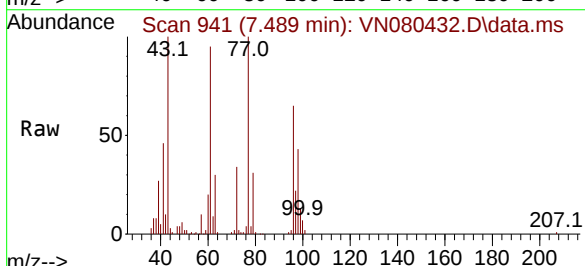
Manual Integrations
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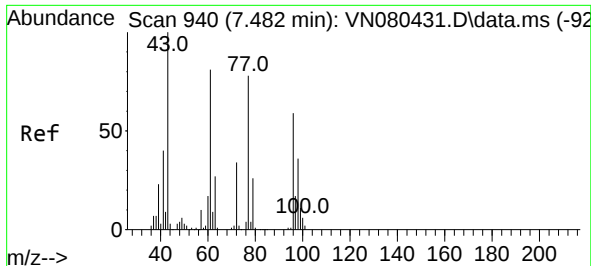
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#26
2,2-Dichloropropane
Concen: 21.373 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

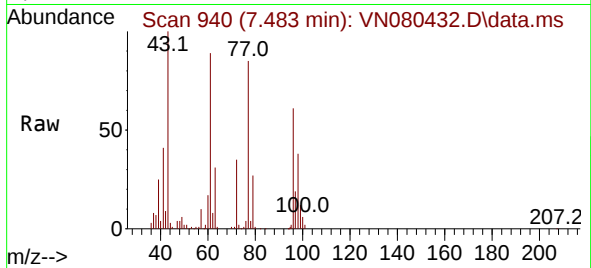
Tgt Ion: 77 Resp: 149848
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.787 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

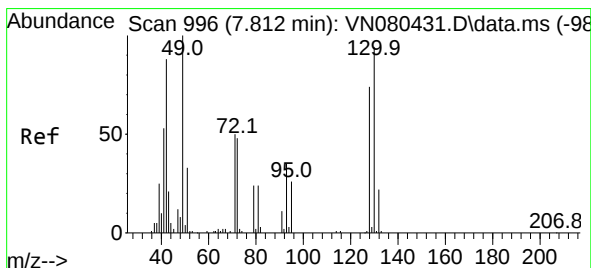
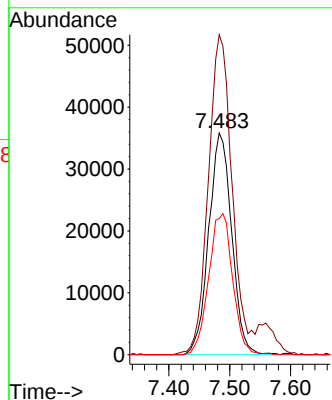
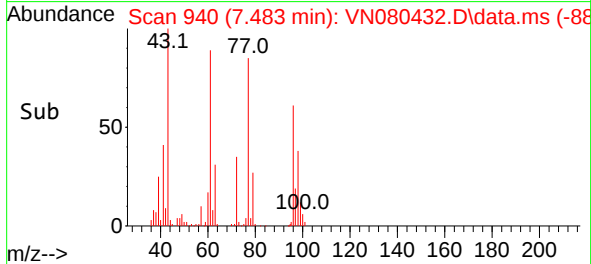
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



Tgt Ion: 96 Resp: 93890
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 255.2
 98 66.3 0.0 128.8

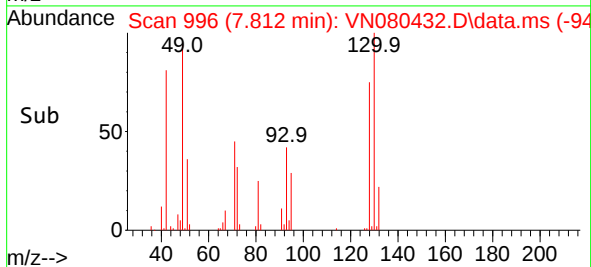
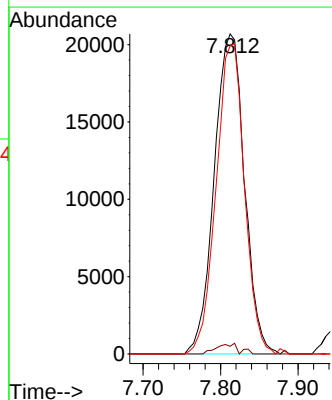
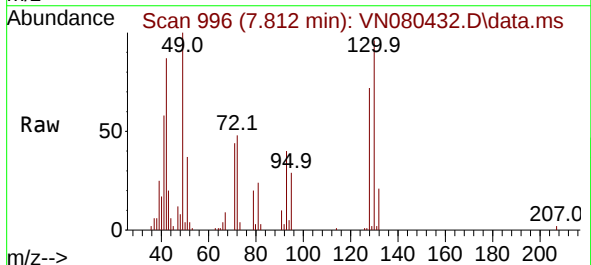
Manual Integrations
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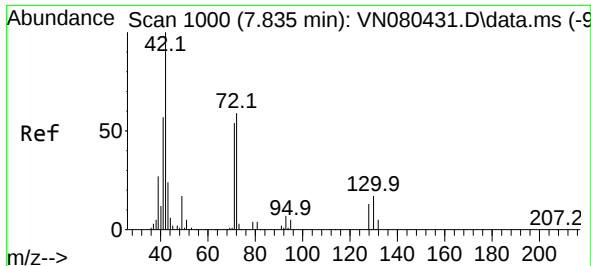
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#28
 Bromochloromethane
 Concen: 21.289 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

Tgt Ion: 49 Resp: 56045
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 90.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 109.930 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 11756

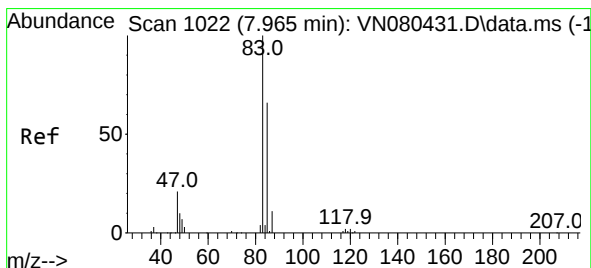
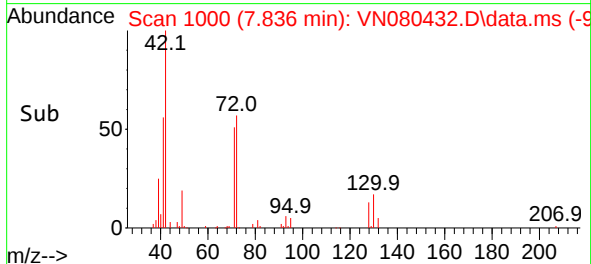
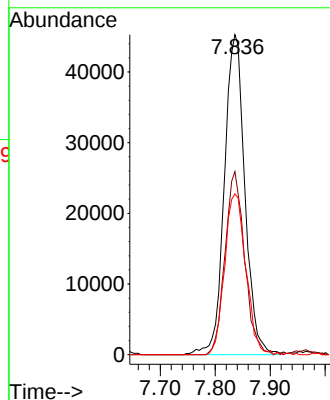
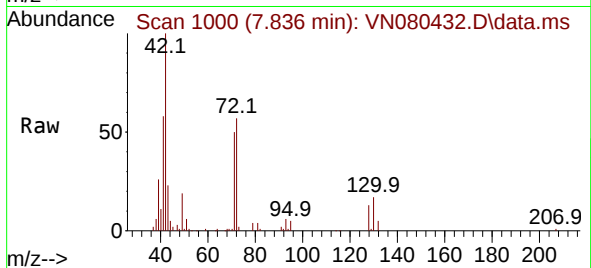
Ion	Ratio	Lower	Upper
42	100		
72	54.6	49.8	74.6
71	51.8	47.4	71.2

Manual Integrations

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Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#30

Chloroform

Concen: 21.286 ug/l

RT: 7.965 min Scan# 1022

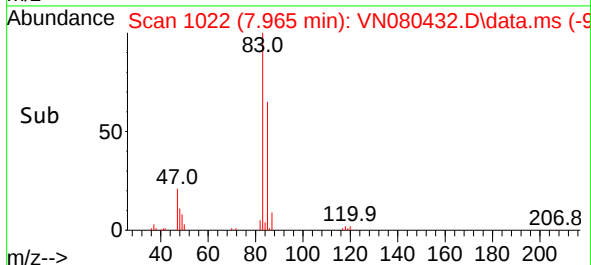
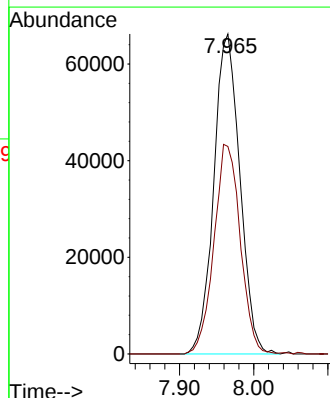
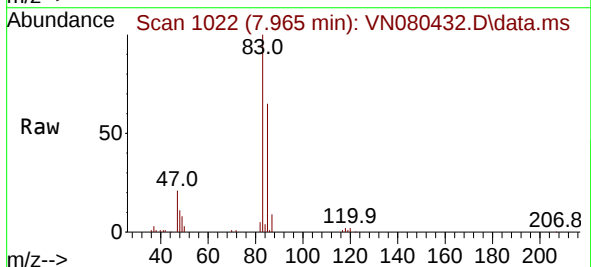
Delta R.T. 0.000 min

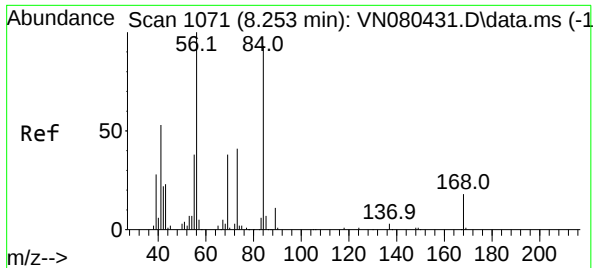
Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Tgt Ion: 83 Resp: 162001

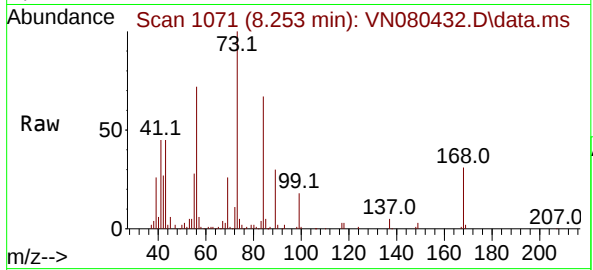
Ion	Ratio	Lower	Upper
83	100		
85	64.9	55.4	83.0





#31
Cyclohexane
Concen: 21.215 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

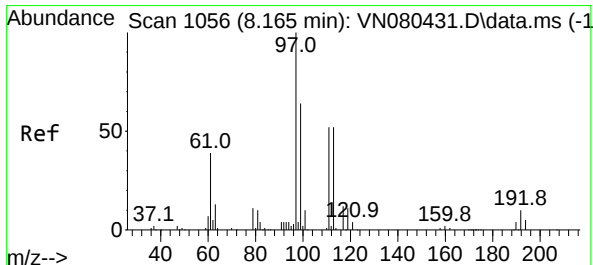
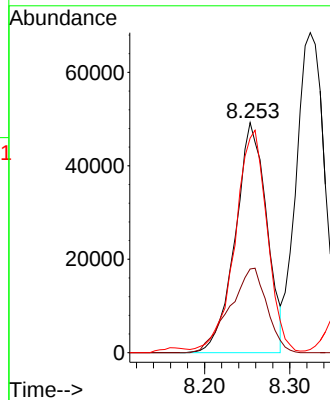
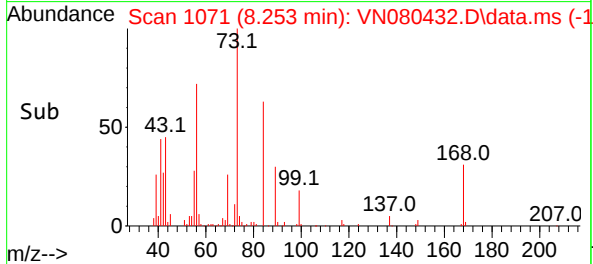
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



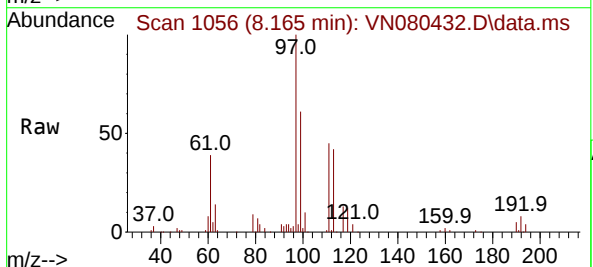
Tgt Ion: 56 Resp: 126145
Ion Ratio Lower Upper
56 100
69 36.4 26.8 40.2
84 91.3 81.8 122.6

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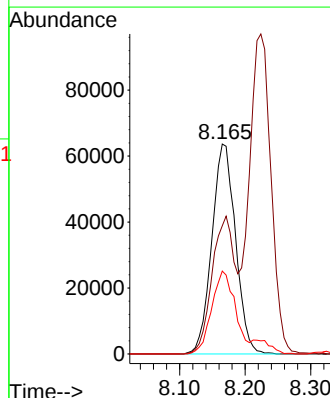
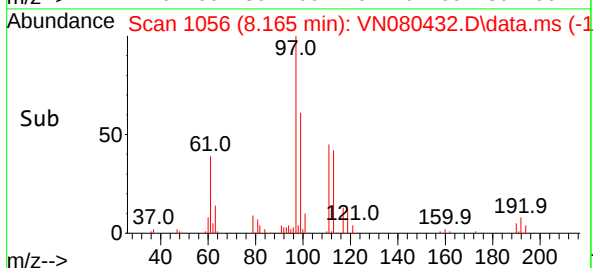
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

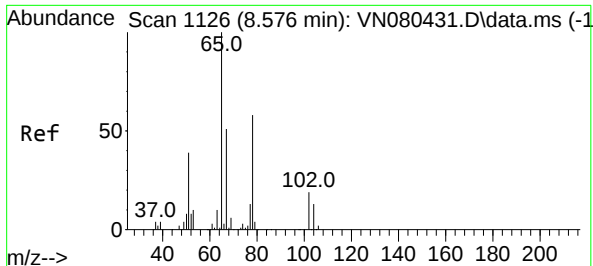


#32
1,1,1-Trichloroethane
Concen: 21.414 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57



Tgt Ion: 97 Resp: 159570
Ion Ratio Lower Upper
97 100
99 62.5 50.3 75.5
61 39.3 34.7 52.1





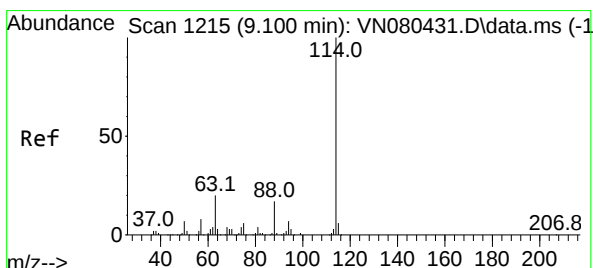
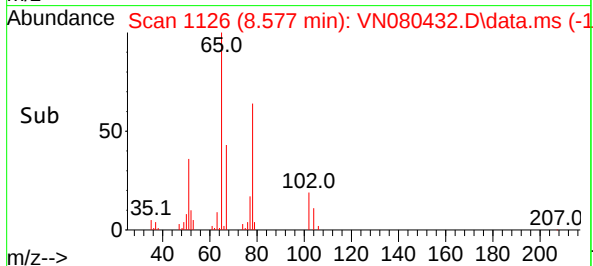
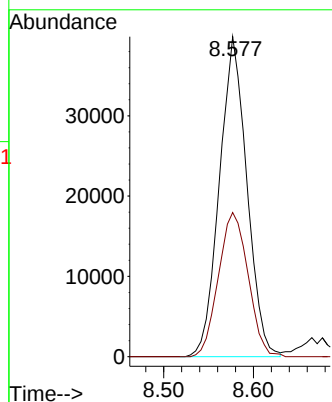
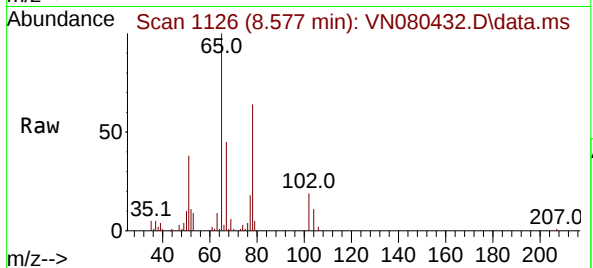
#33
1,2-Dichloroethane-d4
Concen: 19.374 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 84712
Ion Ratio Lower Upper
65 100
67 48.6 0.0 106.6

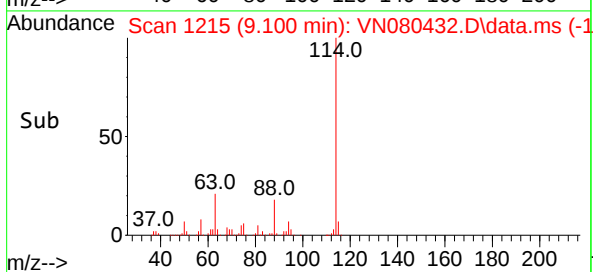
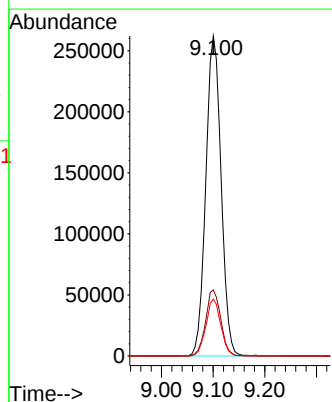
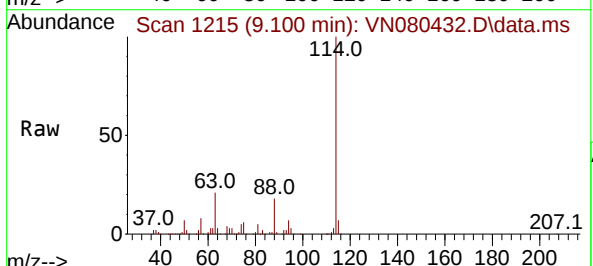
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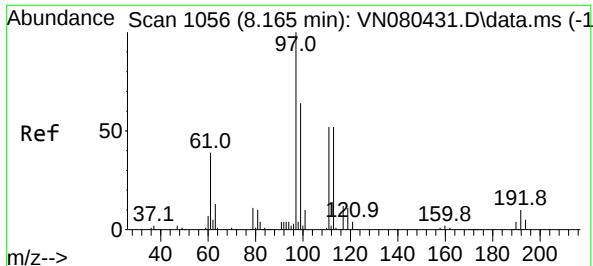
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion:114 Resp: 537941
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.4
88 17.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 18.951 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

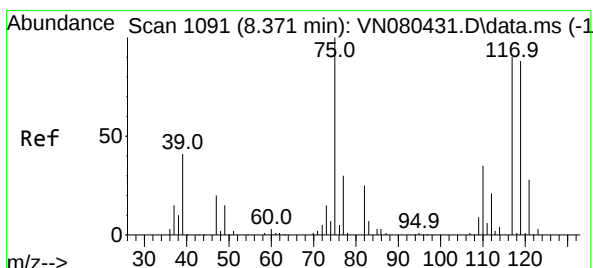
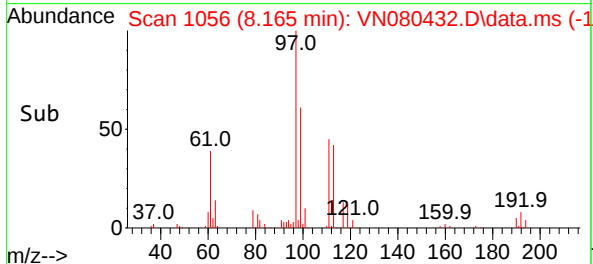
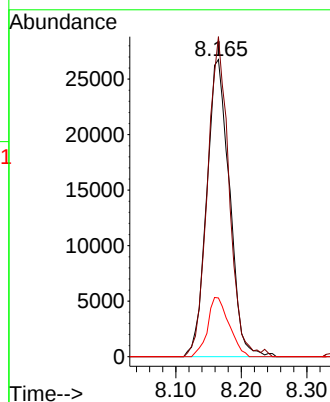
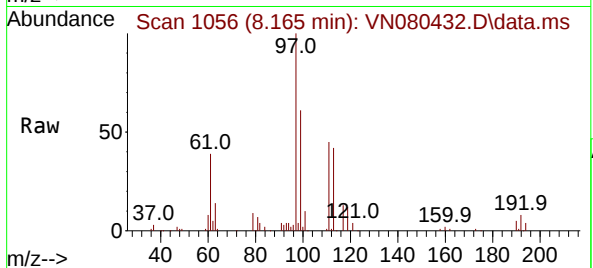
Tgt Ion:	113	Resp:	64638
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	18.7	12.7	19.1

Manual Integrations

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Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#36

1,1-Dichloropropene

Concen: 21.890 ug/l

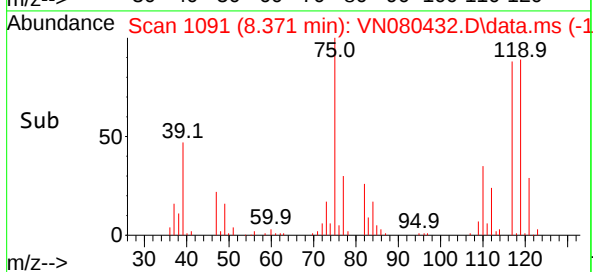
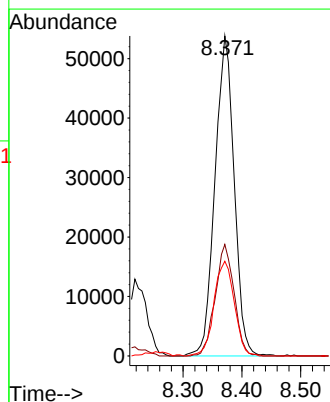
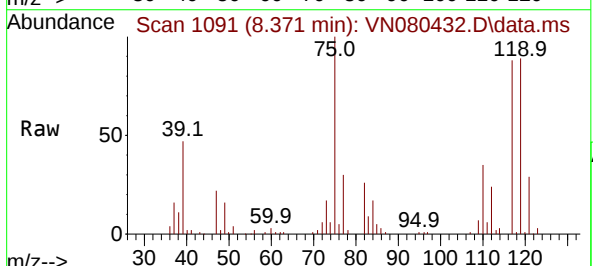
RT: 8.371 min Scan# 1091

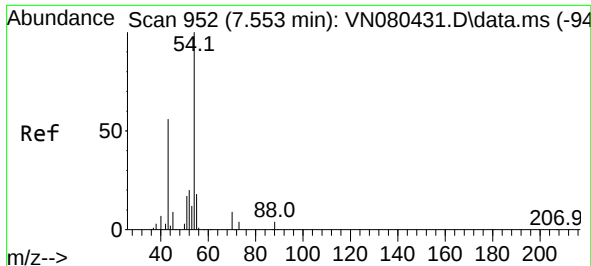
Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Tgt Ion:	75	Resp:	122077
Ion	Ratio	Lower	Upper
75	100		
110	34.4	19.1	57.3
77	31.3	25.0	37.4





#37

Ethyl Acetate

Concen: 21.344 ug/l

RT: 7.553 min Scan# 952

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

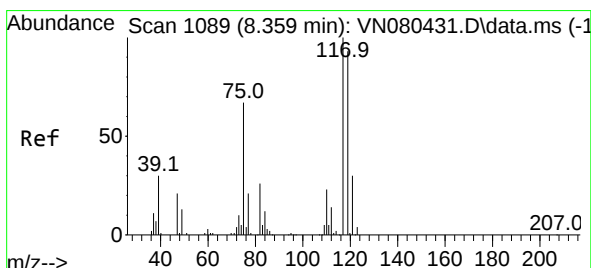
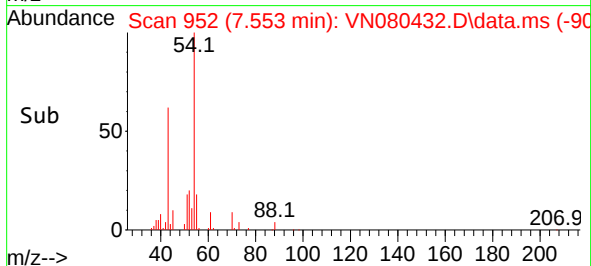
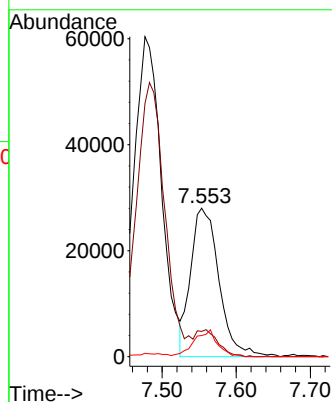
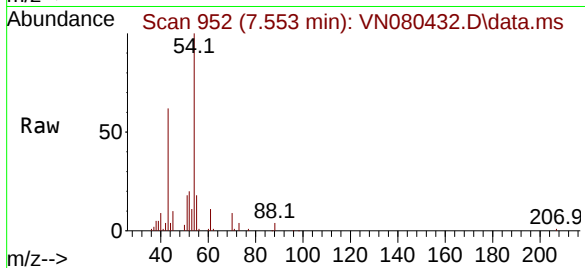
Tgt Ion:	43	Resp:	74539
Ion Ratio	Lower	Upper	
43	100		
61	13.8	13.2	19.8
70	15.0	11.3	16.9

Manual Integrations

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Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#38

Carbon Tetrachloride

Concen: 21.270 ug/l

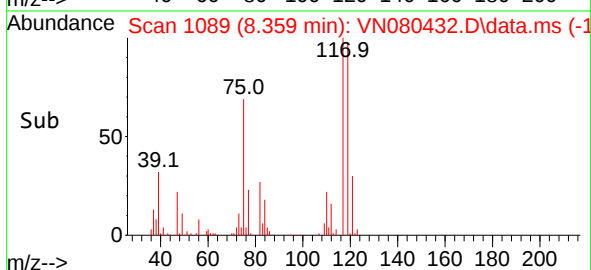
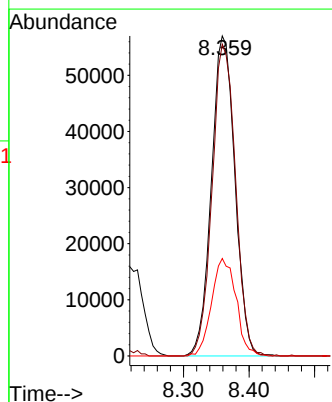
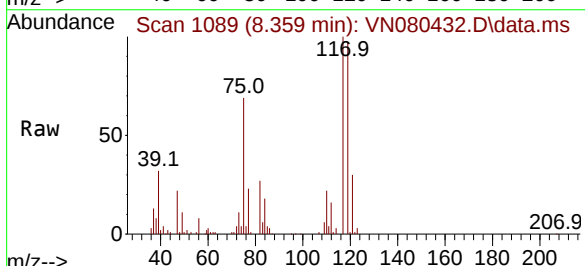
RT: 8.359 min Scan# 1089

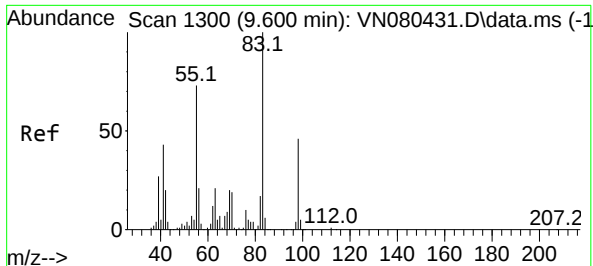
Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Tgt Ion:	117	Resp:	141734
Ion Ratio	Lower	Upper	
117	100		
119	97.4	77.3	115.9
121	30.4	23.3	34.9





#39

Methylcyclohexane

Concen: 21.693 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

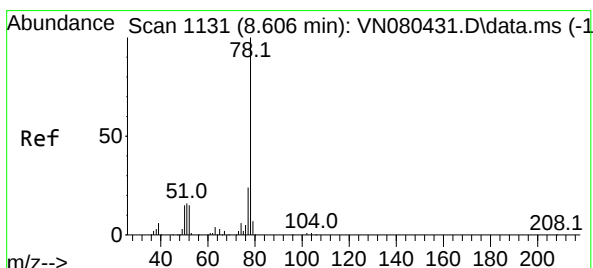
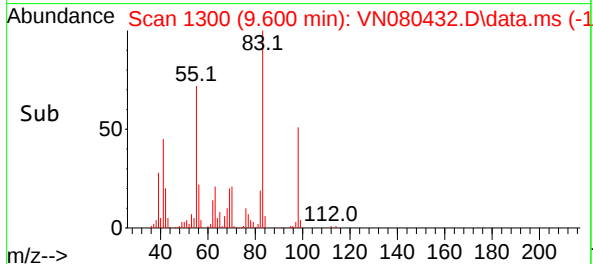
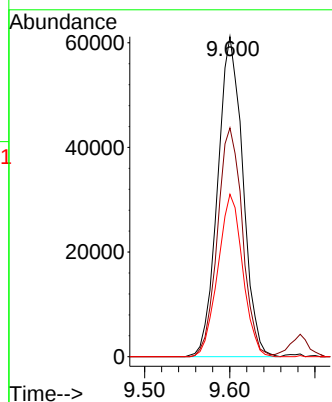
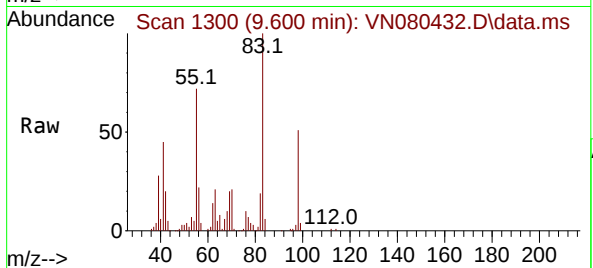
Tgt Ion: 83	Resp: 12567
Ion Ratio	Lower Upper
83	100
55	71.5 49.1 73.7
98	50.7 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#40

Benzene

Concen: 21.540 ug/l

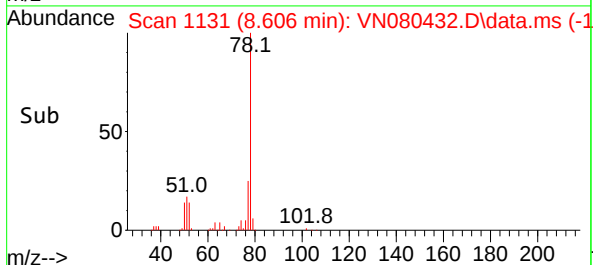
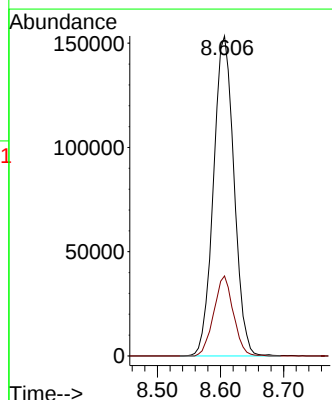
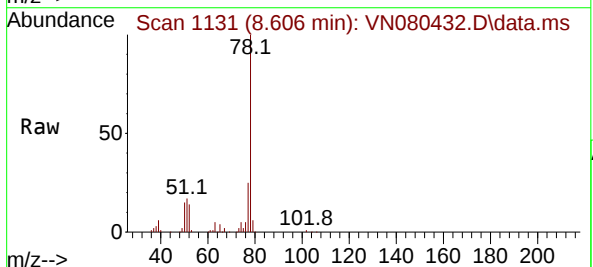
RT: 8.606 min Scan# 1131

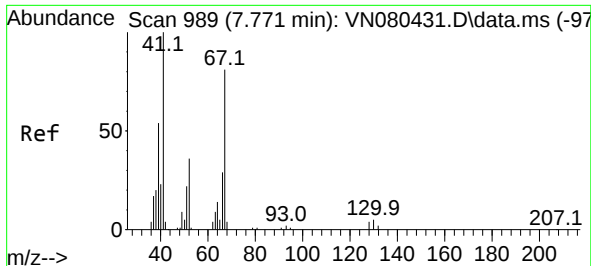
Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Tgt Ion: 78	Resp: 346883
Ion Ratio	Lower Upper
78	100
77	25.0 19.0 28.6





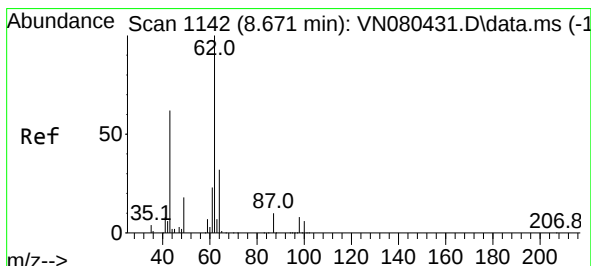
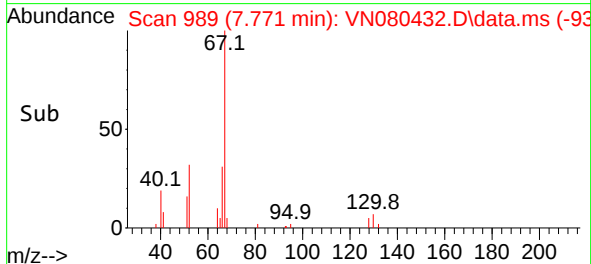
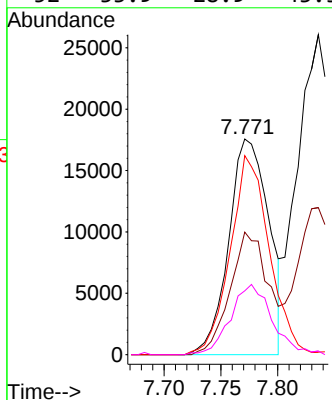
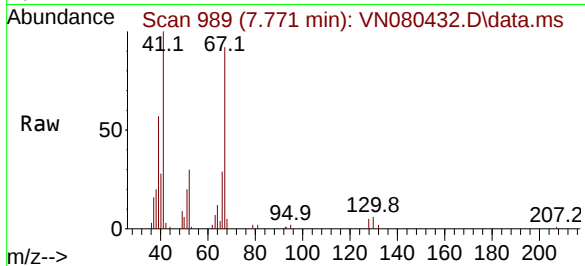
#41
Methacrylonitrile
Concen: 21.360 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 41	Resp: 4300
Ion Ratio	Lower Upper
41 100	
39 53.5	42.6 64.0
67 90.3	77.5 116.3
52 33.9	28.9 43.3

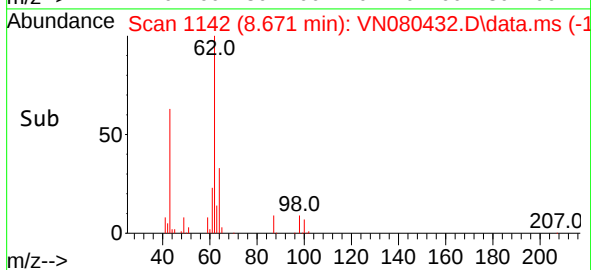
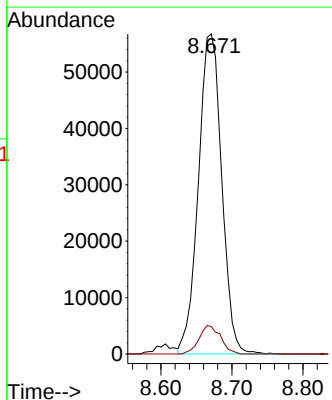
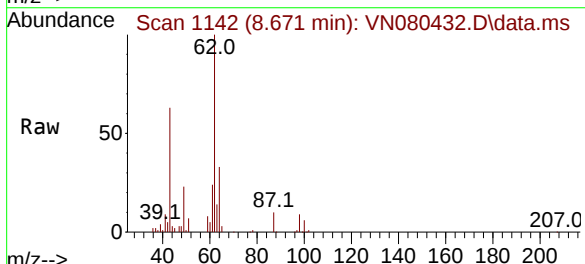
Manual Integrations
APPROVED

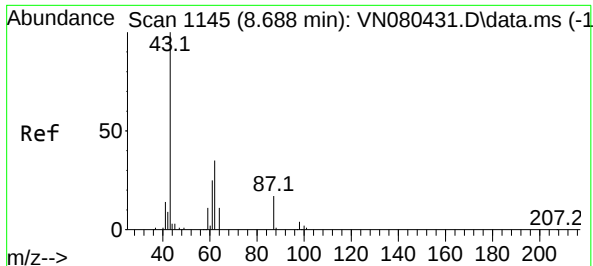
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#42
1,2-Dichloroethane
Concen: 21.779 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

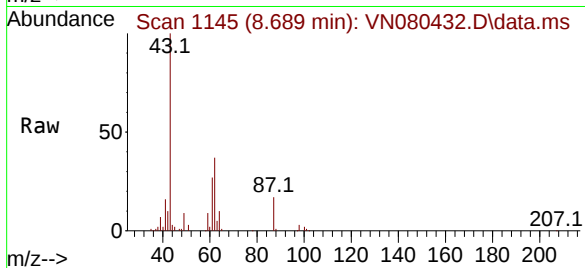
Tgt Ion: 62	Resp: 129879
Ion Ratio	Lower Upper
62 100	
98 8.2	0.0 19.8





#43
Isopropyl Acetate
Concen: 21.987 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

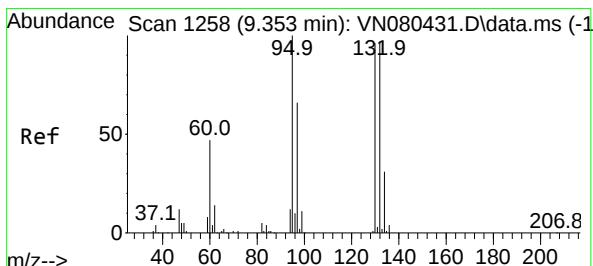
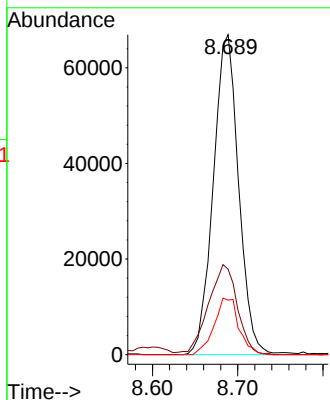
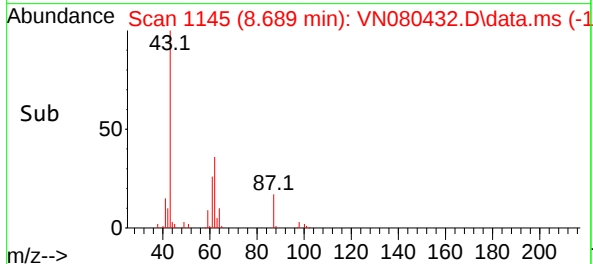
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



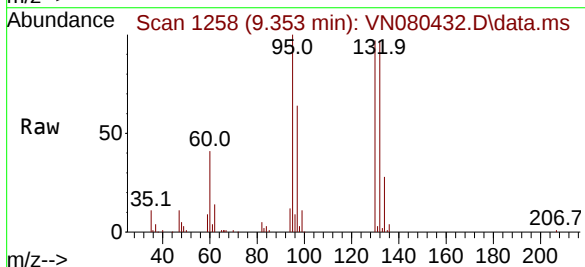
Tgt Ion: 43 Resp: 138060
Ion Ratio Lower Upper
43 100
61 32.2 24.7 37.1
87 17.3 14.6 21.8

Manual Integrations
APPROVED

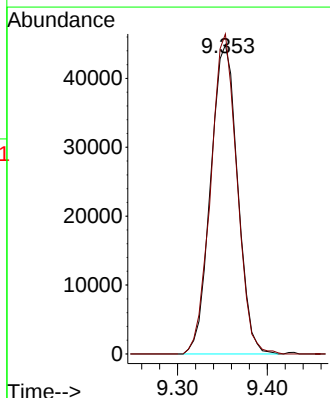
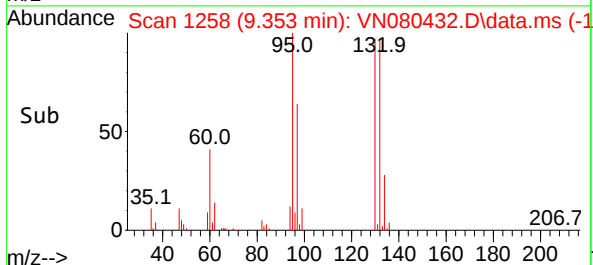
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

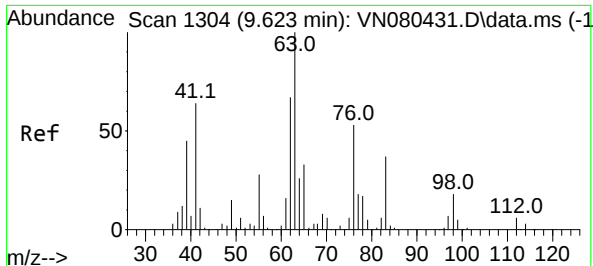


#44
Trichloroethene
Concen: 21.584 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57



Tgt Ion:130 Resp: 93703
Ion Ratio Lower Upper
130 100
95 103.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.358 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 80784

Ion Ratio Lower Upper

63 100

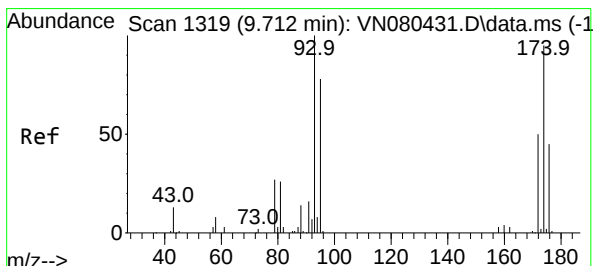
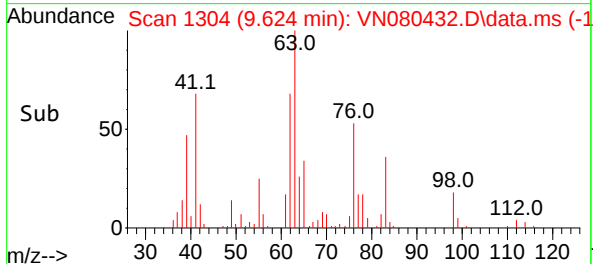
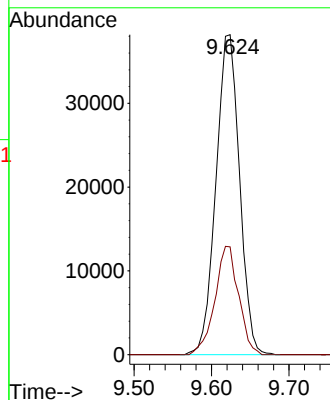
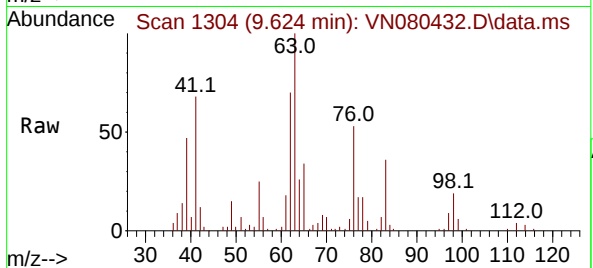
65 33.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#46

Dibromomethane

Concen: 22.032 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

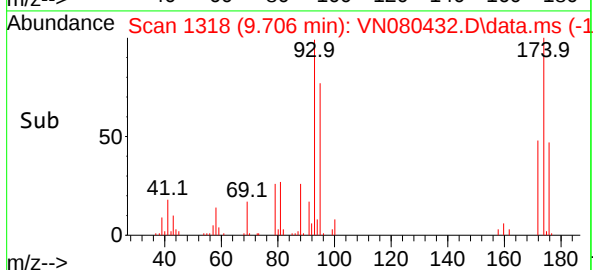
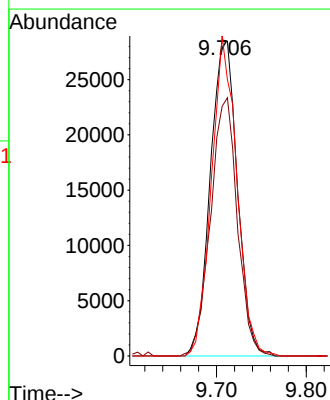
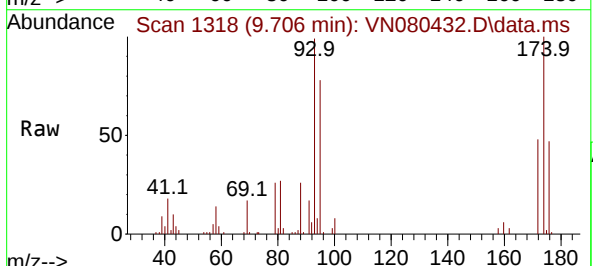
Tgt Ion: 93 Resp: 59844

Ion Ratio Lower Upper

93 100

95 80.7 63.8 95.8

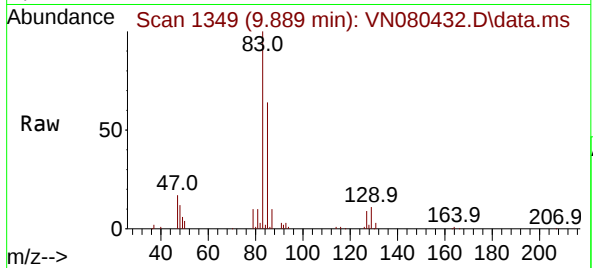
174 94.9 65.6 98.4





#47
Bromodichloromethane
Concen: 21.874 ug/l
RT: 9.889 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

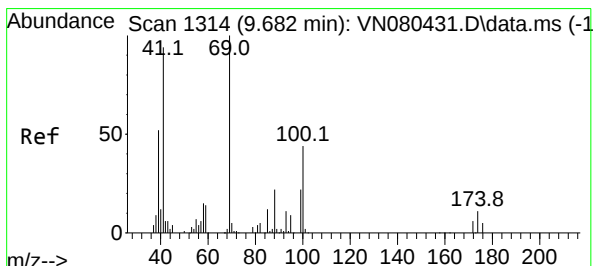
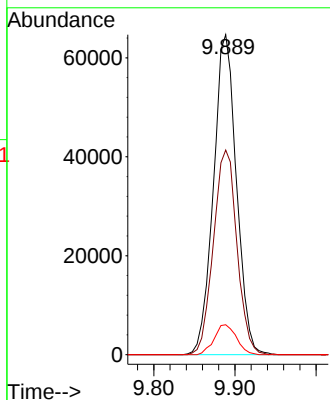
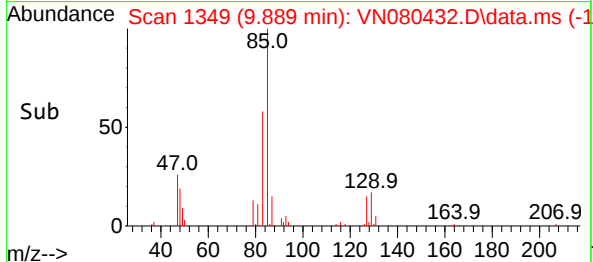
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



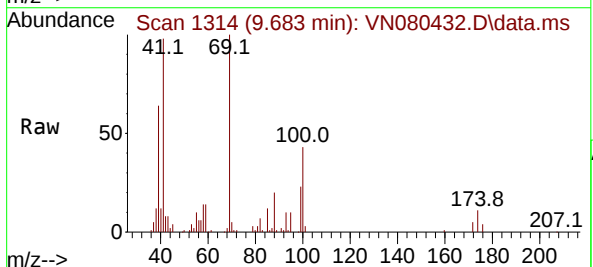
Tgt Ion: 83 Resp: 12733
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 9.3 7.0 10.6

Manual Integrations
APPROVED

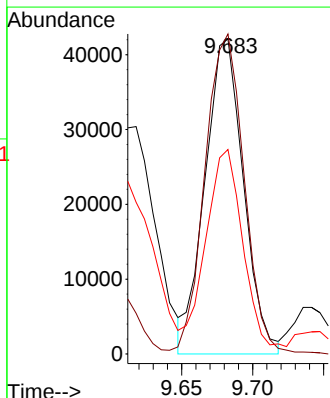
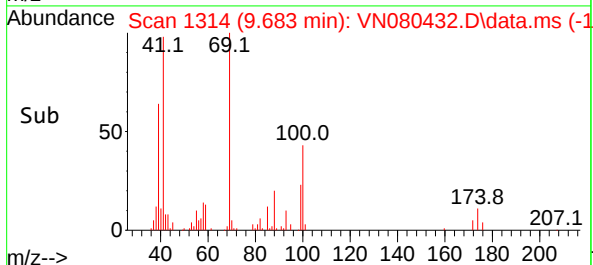
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

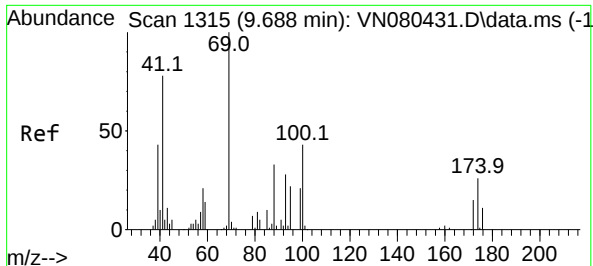


#48
Methyl methacrylate
Concen: 21.200 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57



Tgt Ion: 41 Resp: 79438
Ion Ratio Lower Upper
41 100
69 103.4 90.4 135.6
39 64.0 54.6 81.8





#49

1,4-Dioxane

Concen: 422.726 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

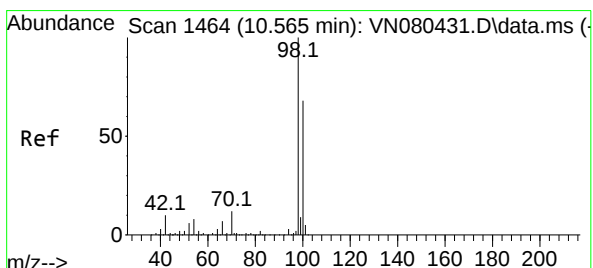
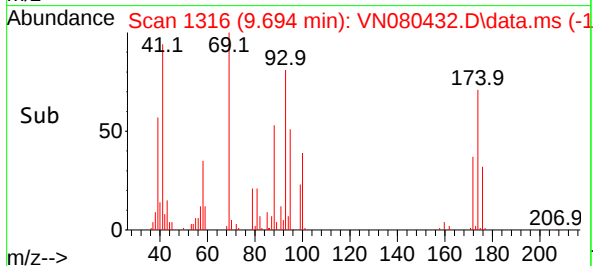
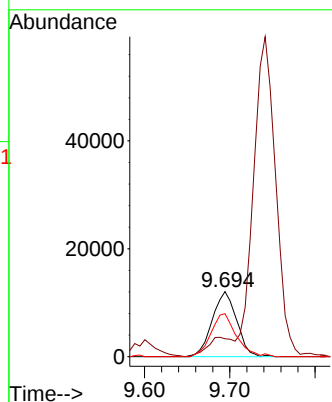
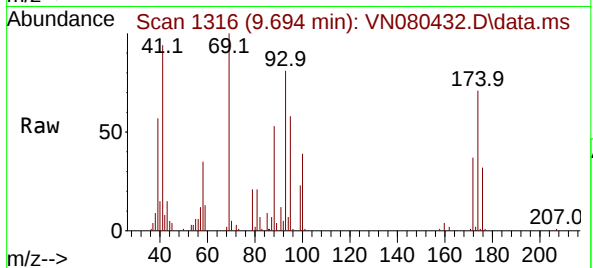
Tgt Ion: 88	Resp: 24009
Ion Ratio	Lower Upper
88 100	
43 31.7	17.0 25.6
58 68.9	47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#50

Toluene-d8

Concen: 19.163 ug/l

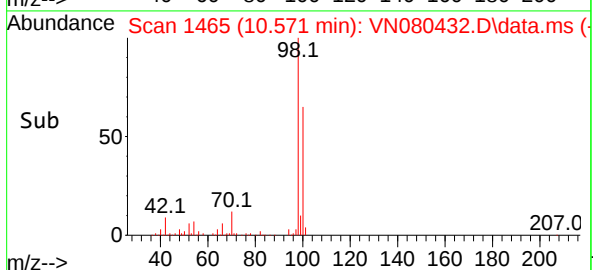
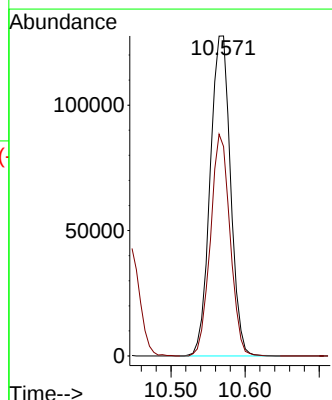
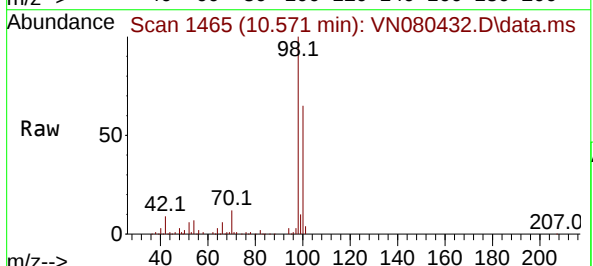
RT: 10.571 min Scan# 1465

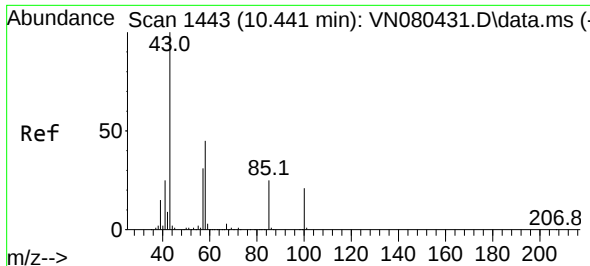
Delta R.T. 0.006 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

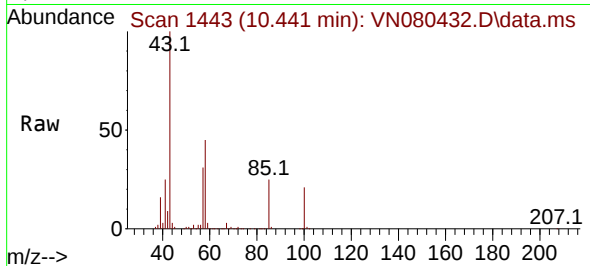
Tgt Ion: 98	Resp: 243766
Ion Ratio	Lower Upper
98 100	
100 66.5	52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 109.216 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

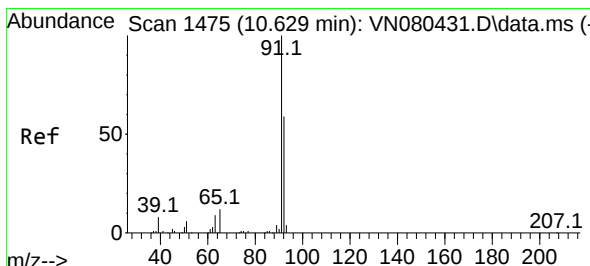
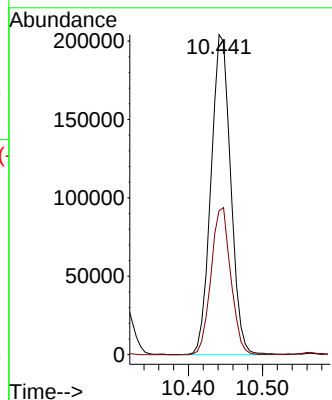
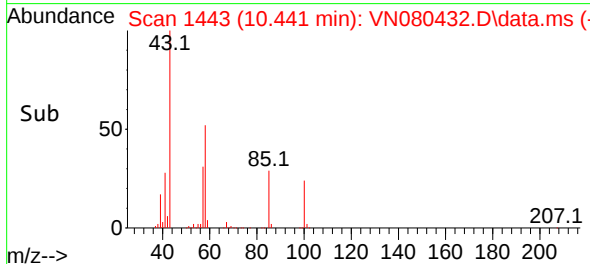
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



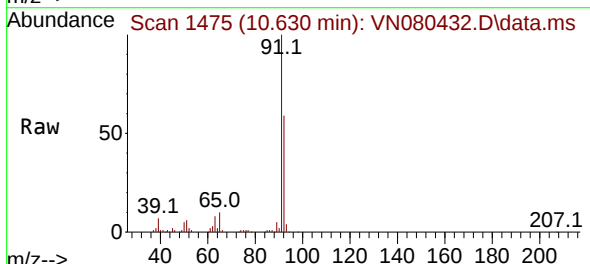
Tgt Ion: 43 Resp: 377689
Ion Ratio Lower Upper
43 100
58 45.9 36.6 54.8

Manual Integrations
APPROVED

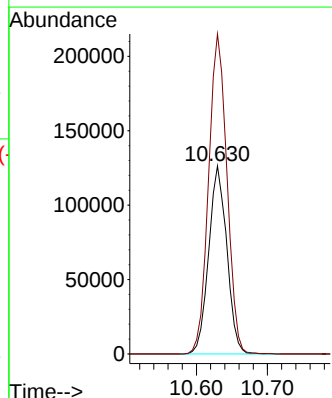
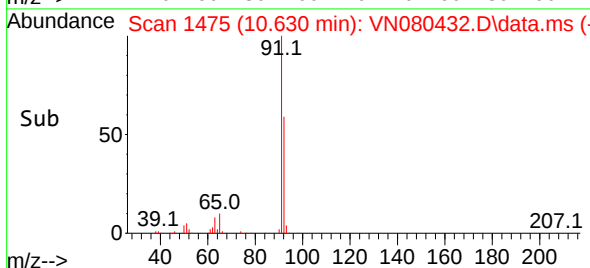
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

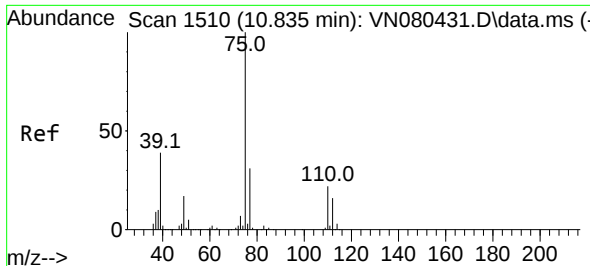


#52
Toluene
Concen: 21.997 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57



Tgt Ion: 92 Resp: 223780
Ion Ratio Lower Upper
92 100
91 172.5 137.4 206.0





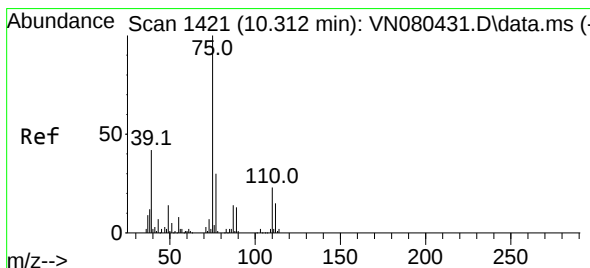
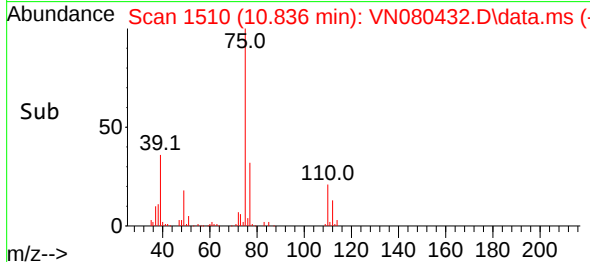
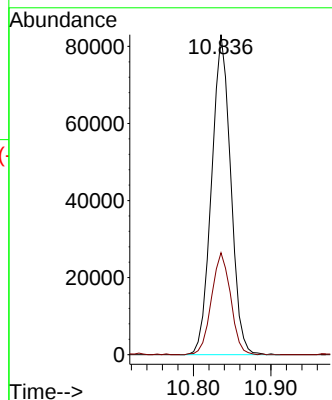
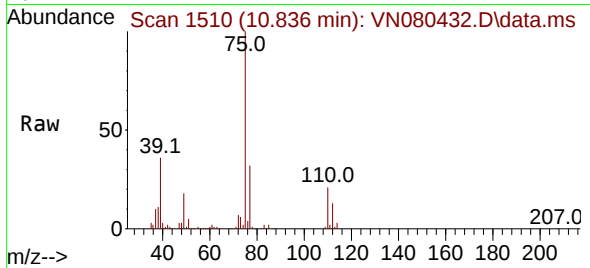
#53
t-1,3-Dichloropropene
Concen: 22.602 ug/l
RT: 10.836 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 14235
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

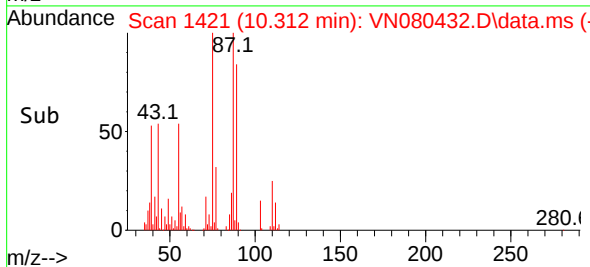
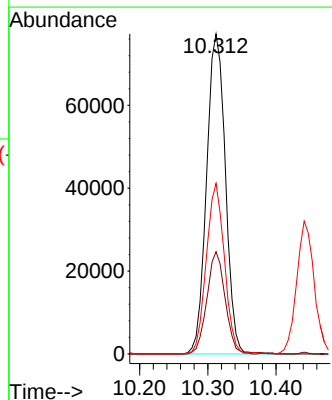
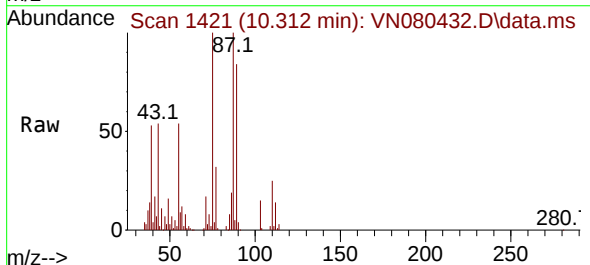
Manual Integrations
APPROVED

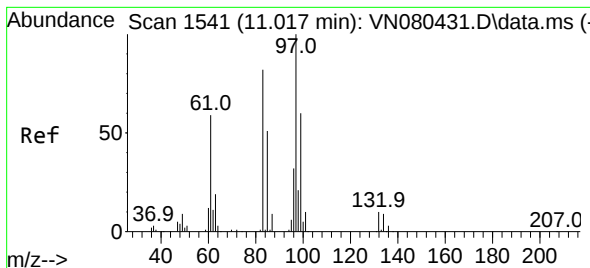
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#54
cis-1,3-Dichloropropene
Concen: 22.049 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

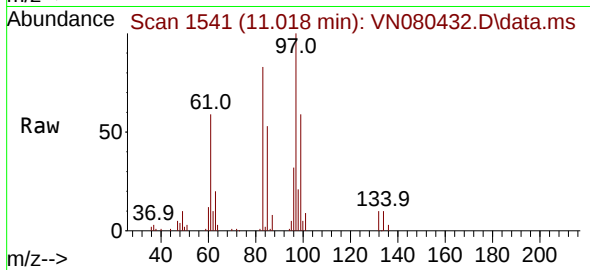
Tgt Ion: 75 Resp: 148439
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 53.3 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 22.152 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

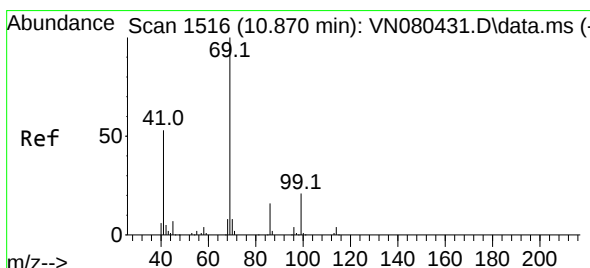
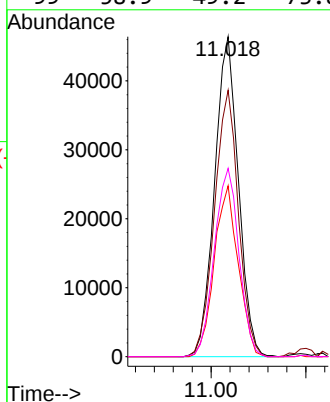
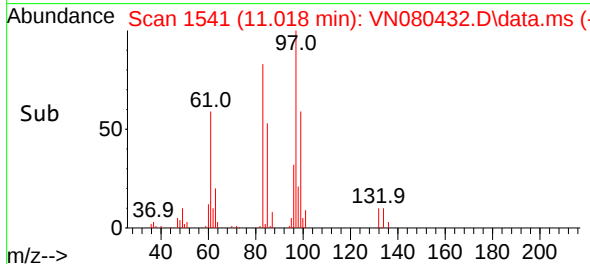
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



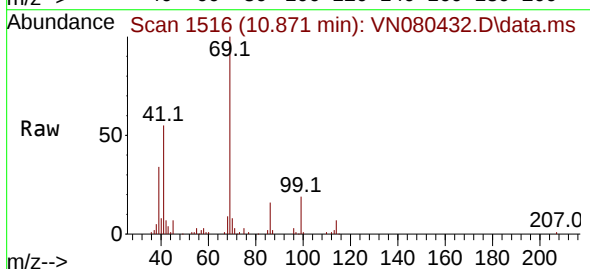
Tgt Ion: 97	Resp: 81090
Ion Ratio	Lower Upper
97 100	
83 83.3	65.1 97.7
85 53.4	43.4 65.2
99 58.9	49.2 73.8

Manual Integrations
APPROVED

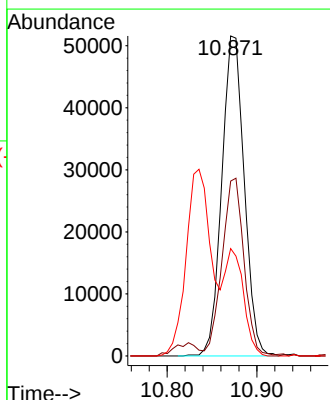
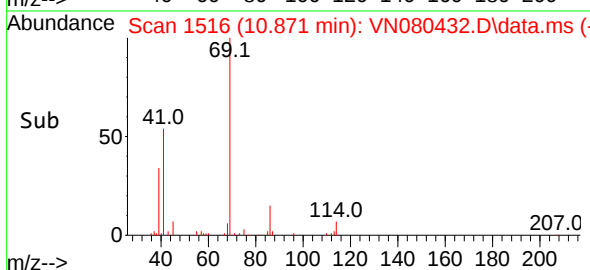
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

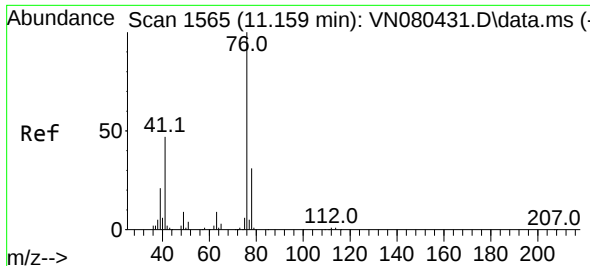


#56
Ethyl methacrylate
Concen: 22.107 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57



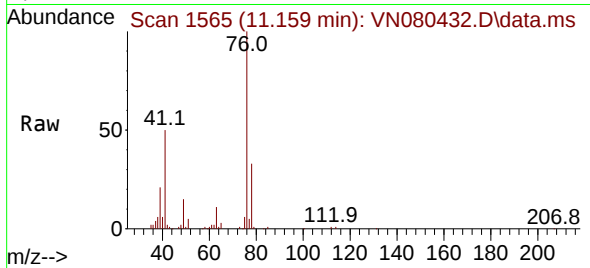
Tgt Ion: 69	Resp: 89593
Ion Ratio	Lower Upper
69 100	
41 54.6	39.6 59.4
39 27.7	28.6 43.0#





#57
1,3-Dichloropropane
Concen: 21.832 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

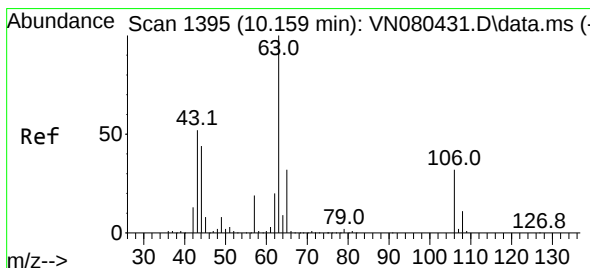
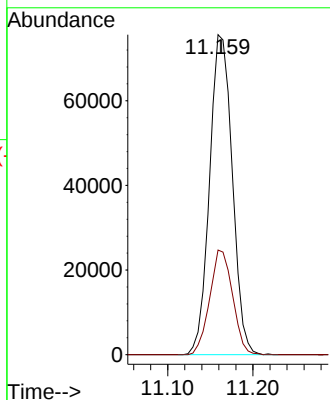
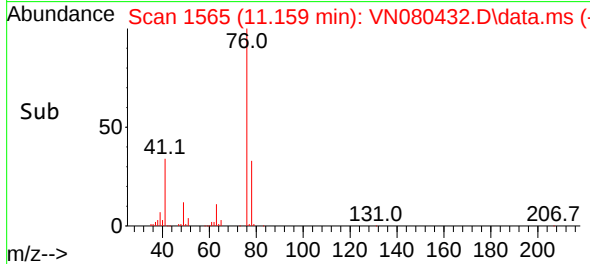
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 14009
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

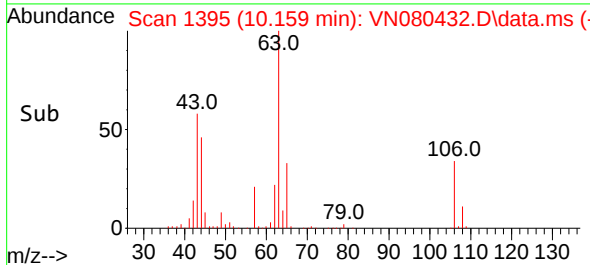
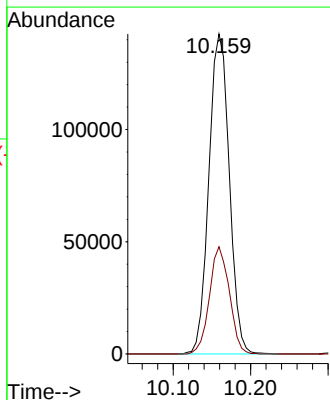
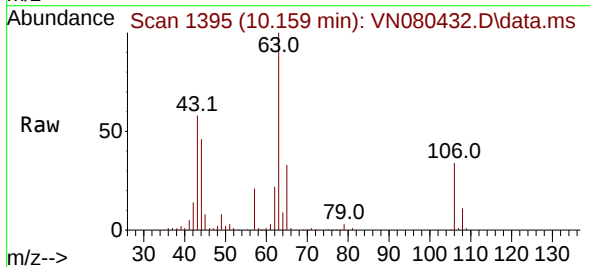
Manual Integrations
APPROVED

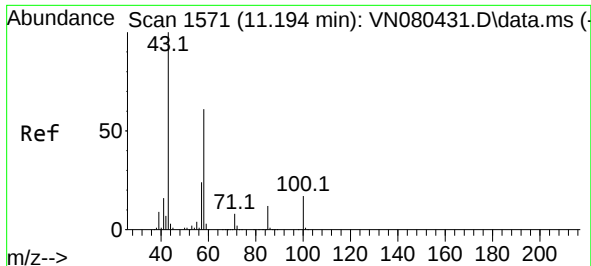
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 102.197 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 63 Resp: 261473
Ion Ratio Lower Upper
63 100
106 32.6 26.2 39.4





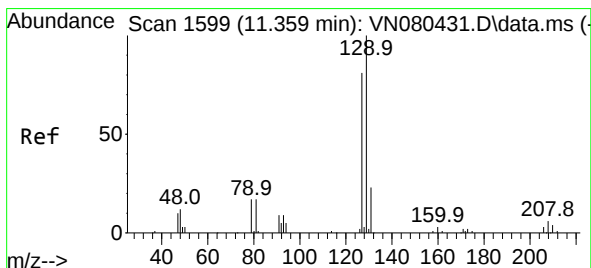
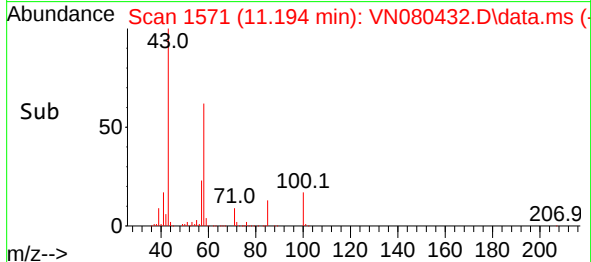
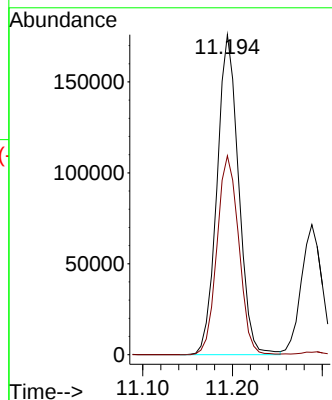
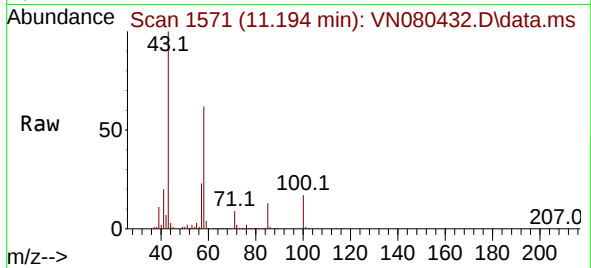
#59
2-Hexanone
Concen: 115.157 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 293994
Ion Ratio Lower Upper
43 100
58 62.7 31.7 95.1

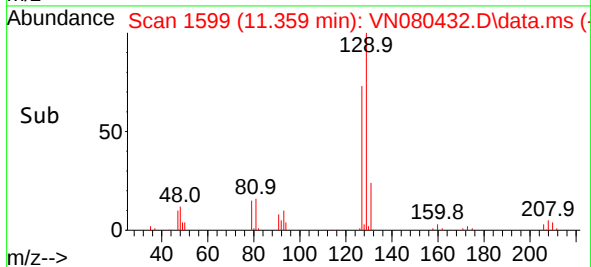
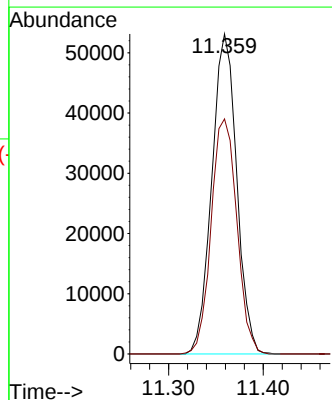
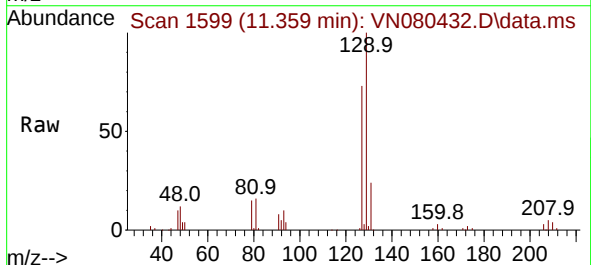
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#60
Dibromochloromethane
Concen: 22.342 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

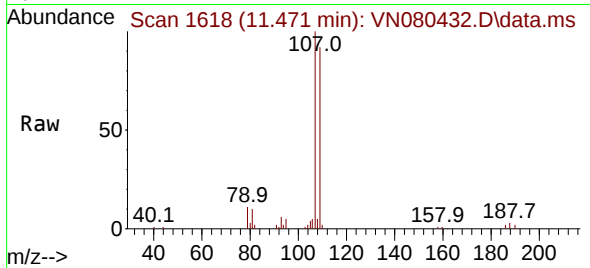
Tgt Ion:129 Resp: 96912
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 22.172 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

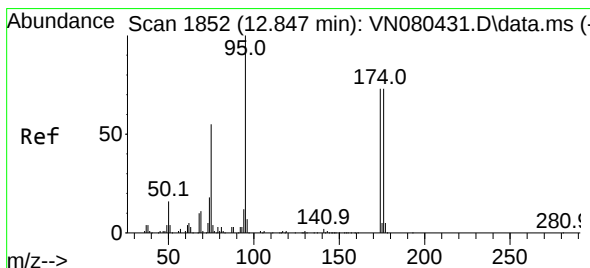
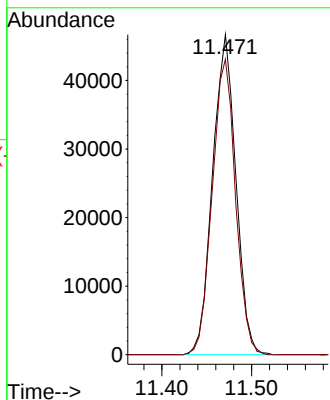
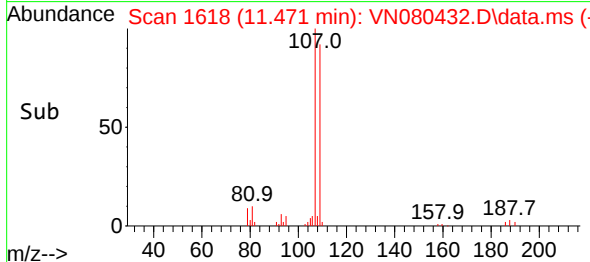
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



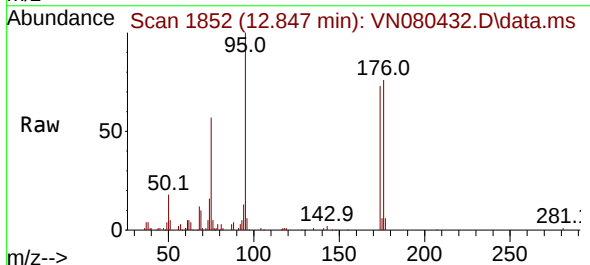
Tgt Ion:107 Resp: 8400
Ion Ratio Lower Upper
107 100
109 92.4 76.6 114.8

Manual Integrations
APPROVED

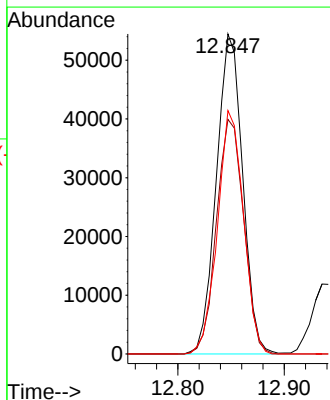
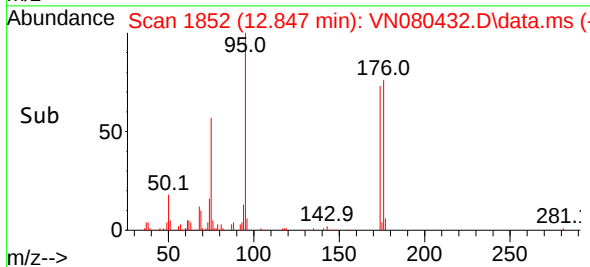
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

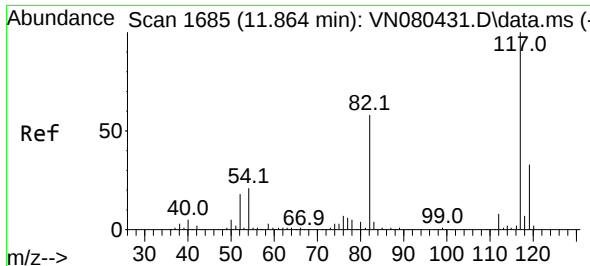


#62
4-Bromofluorobenzene
Concen: 19.294 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57



Tgt Ion: 95 Resp: 93193
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 75.3 0.0 135.8





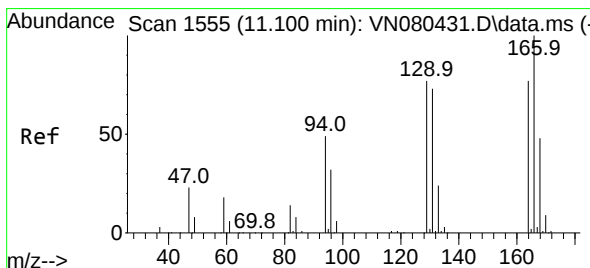
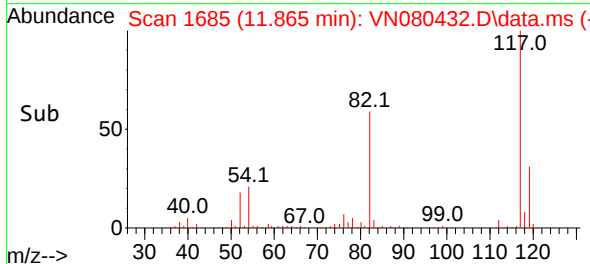
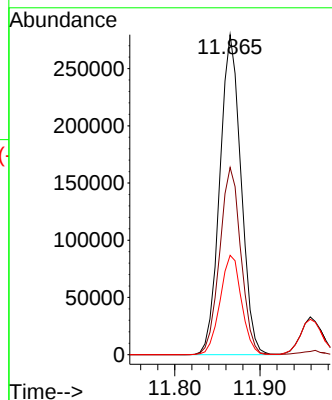
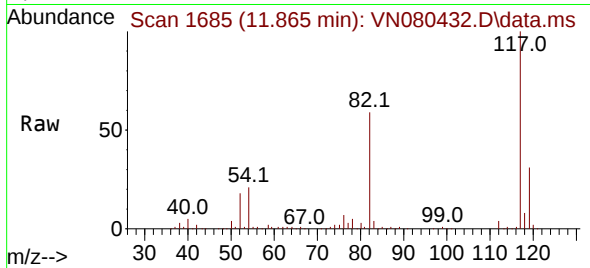
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 483409
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 31.1 25.6 38.4

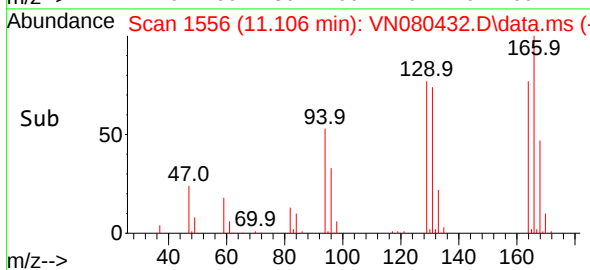
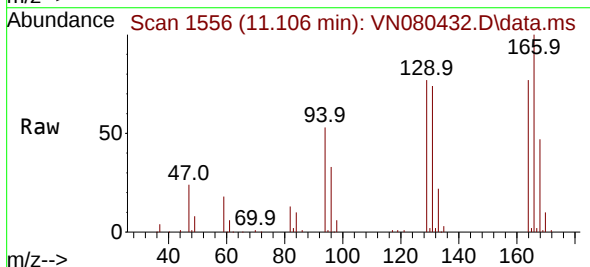
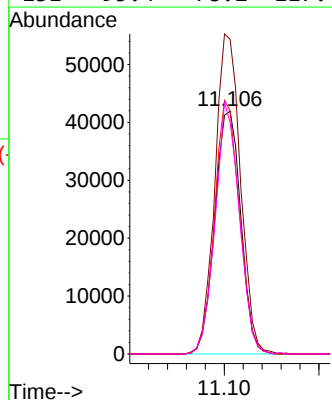
Manual Integrations
APPROVED

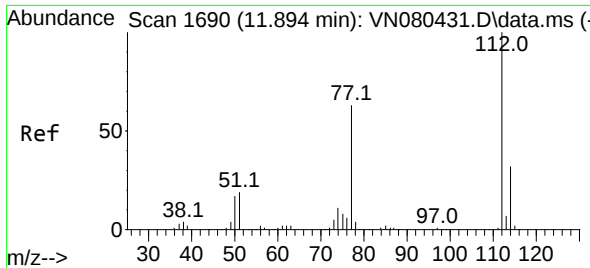
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#64
Tetrachloroethene
Concen: 21.421 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

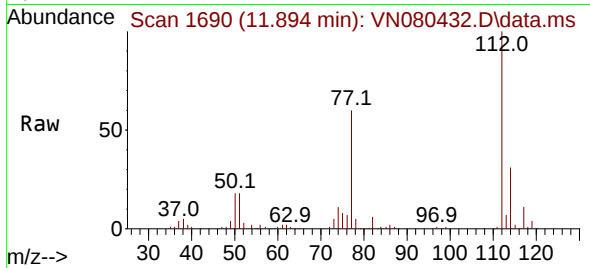
Tgt Ion:164 Resp: 79952
Ion Ratio Lower Upper
164 100
166 129.7 101.4 152.0
129 100.1 82.4 123.6
131 95.4 78.2 117.4





#65
Chlorobenzene
Concen: 21.991 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

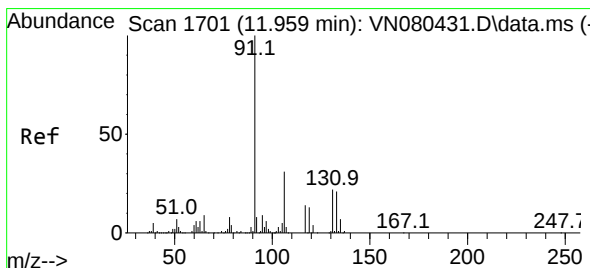
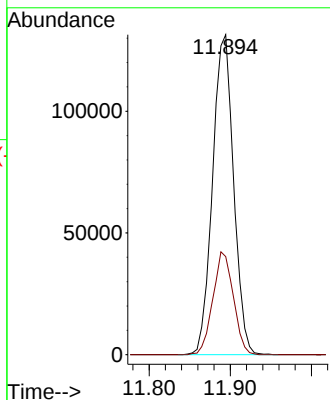
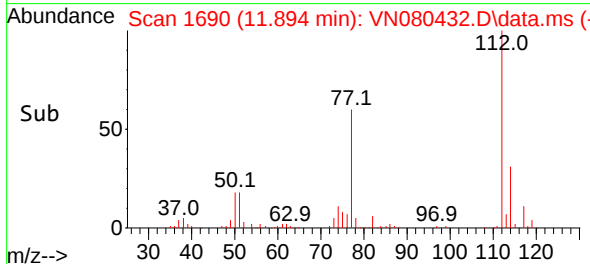
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 23648
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.4

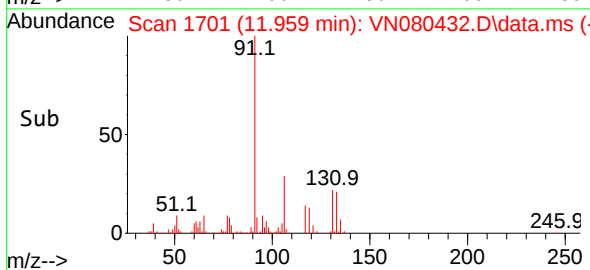
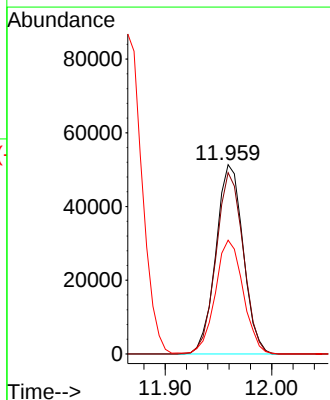
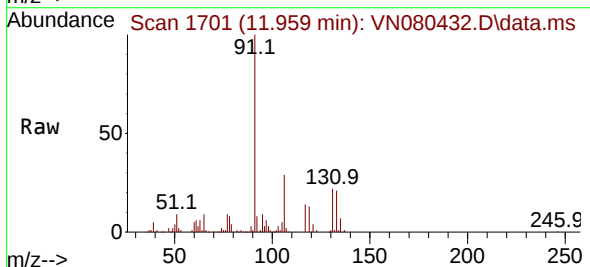
Manual Integrations
APPROVED

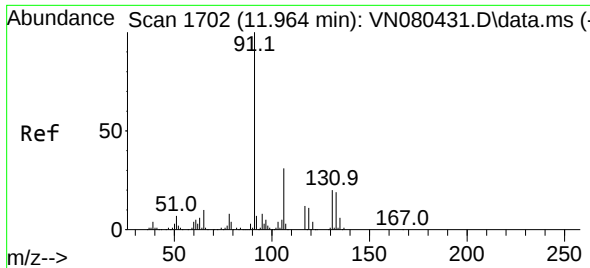
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.636 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion:131 Resp: 91293
Ion Ratio Lower Upper
131 100
133 95.8 46.4 139.1
119 61.5 34.1 102.2





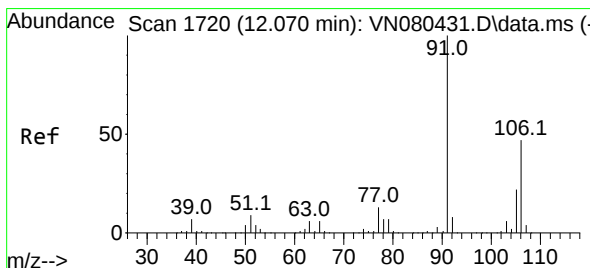
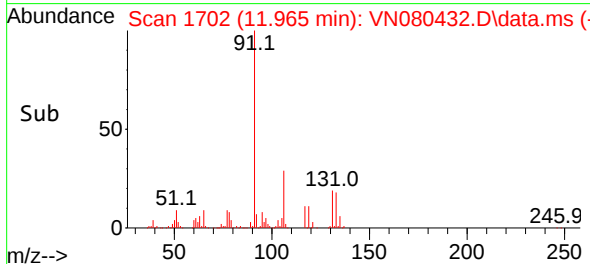
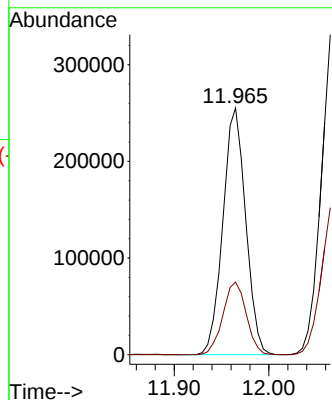
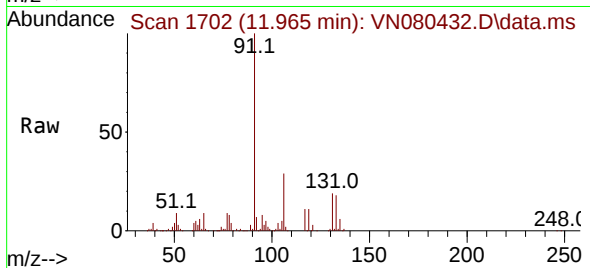
#67
Ethyl Benzene
Concen: 21.586 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 426825
Ion Ratio Lower Upper
91 100
106 29.4 25.6 38.4

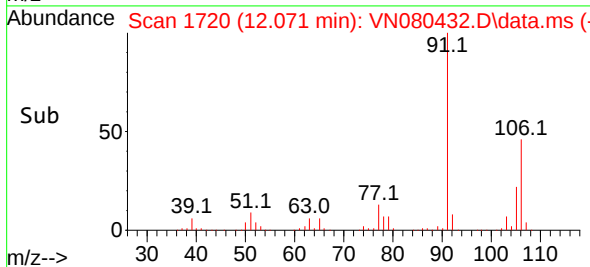
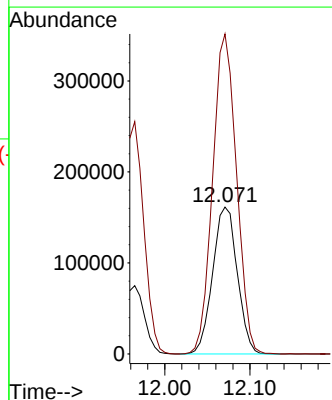
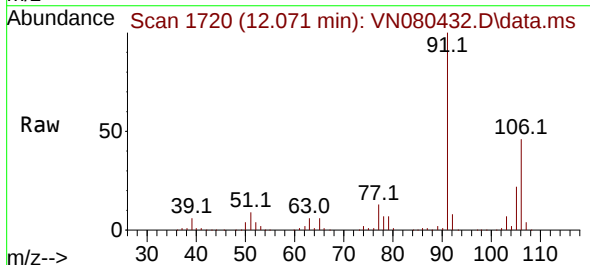
Manual Integrations
APPROVED

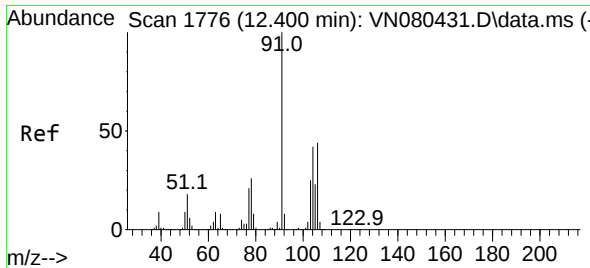
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#68
m/p-Xylenes
Concen: 44.340 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion:106 Resp: 323973
Ion Ratio Lower Upper
106 100
91 211.2 159.6 239.4





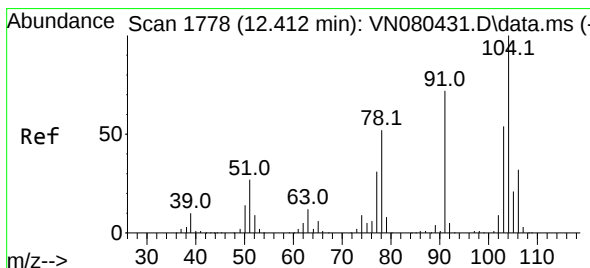
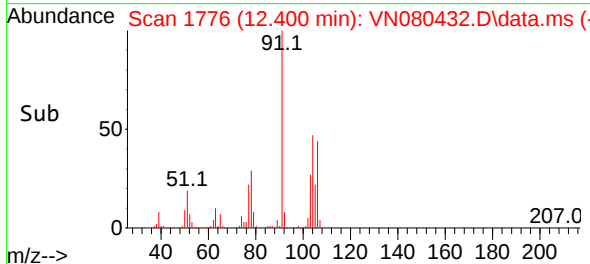
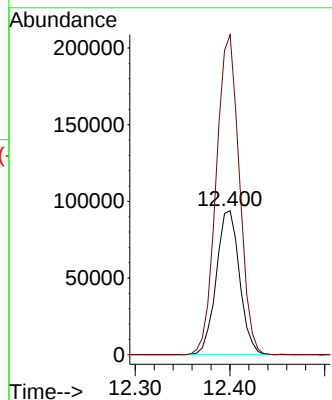
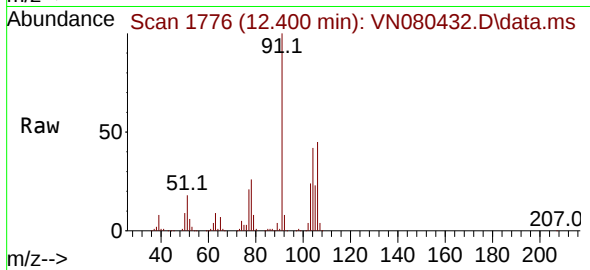
#69
o-Xylene
Concen: 22.444 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 160397
Ion Ratio Lower Upper
106 100
91 220.6 105.2 315.5

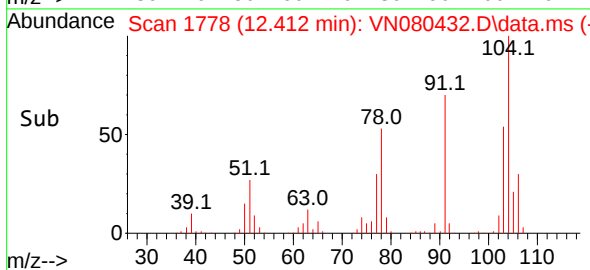
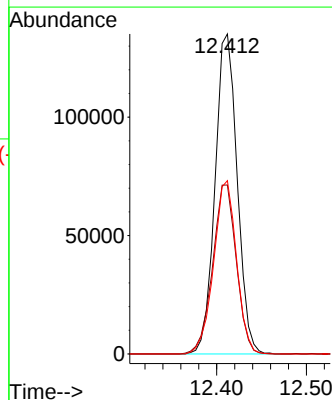
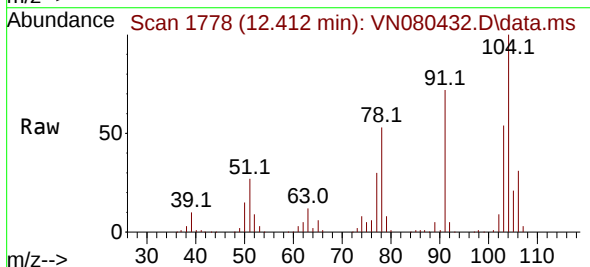
Manual Integrations
APPROVED

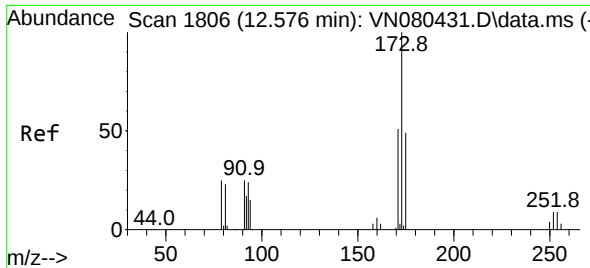
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#70
Styrene
Concen: 22.468 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

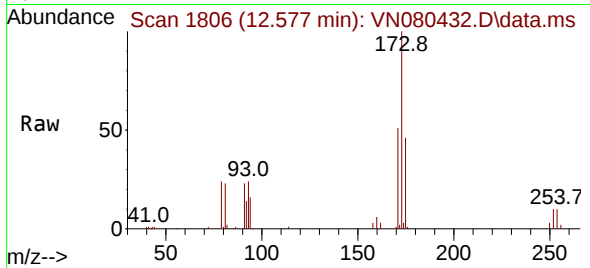
Tgt Ion:104 Resp: 231296
Ion Ratio Lower Upper
104 100
78 56.6 39.5 59.3
103 55.9 43.2 64.8





#71
Bromoform
Concen: 21.382 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

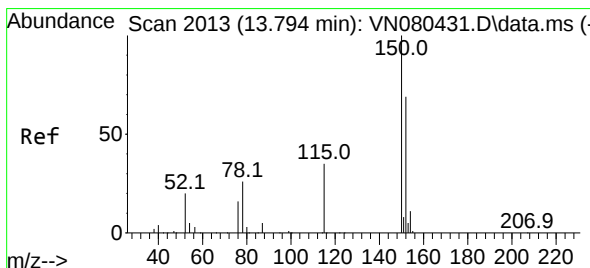
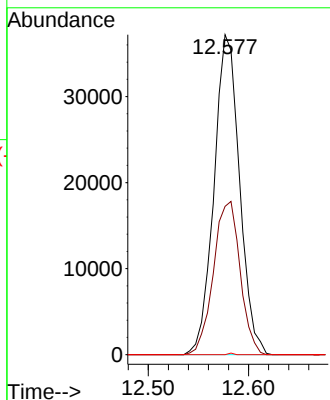
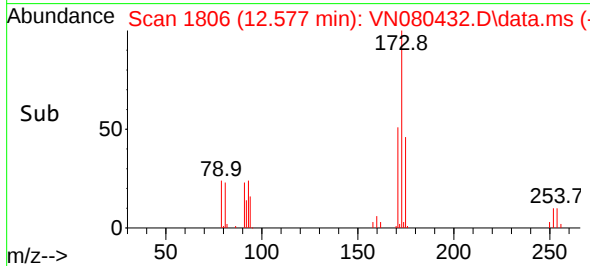
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:173 Resp: 6579
Ion Ratio Lower Upper
173 100
175 50.0 24.3 73.0
254 0.1 0.0 0.0

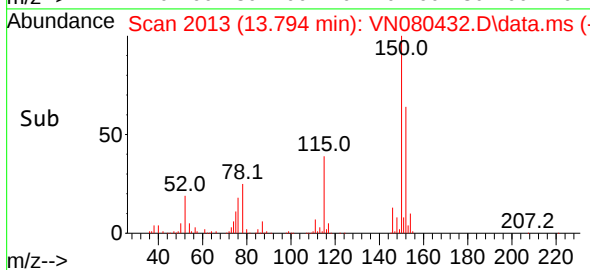
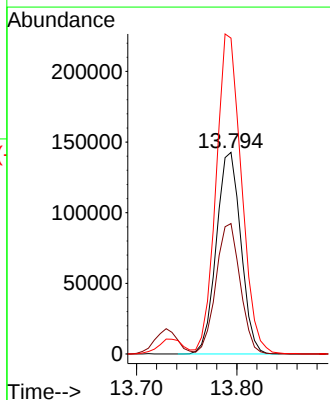
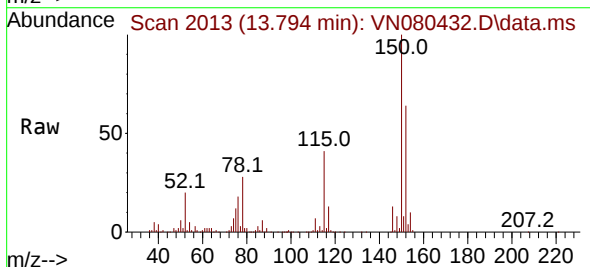
Manual Integrations
APPROVED

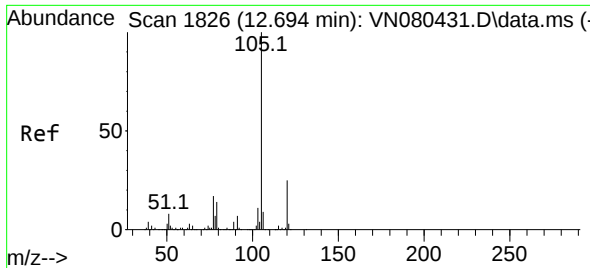
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

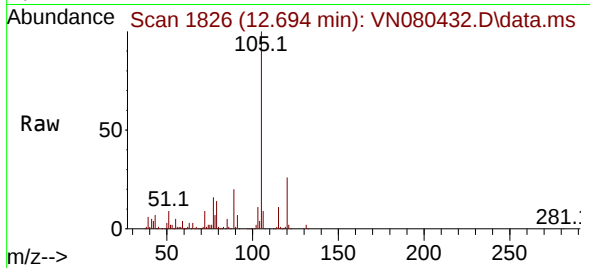
Tgt Ion:152 Resp: 241944
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 164.6 0.0 355.8





#73
Isopropylbenzene
Concen: 21.071 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

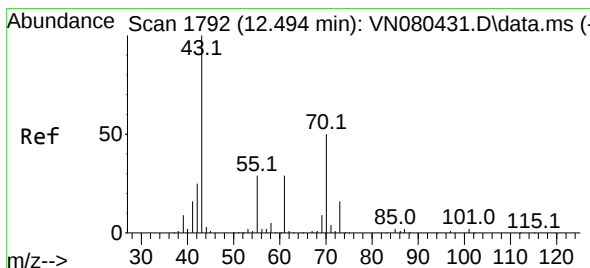
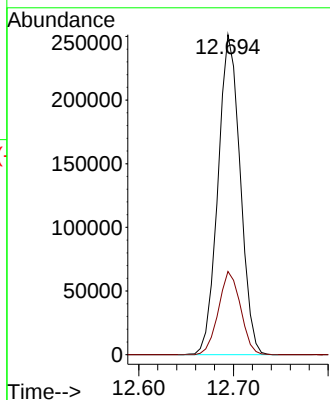
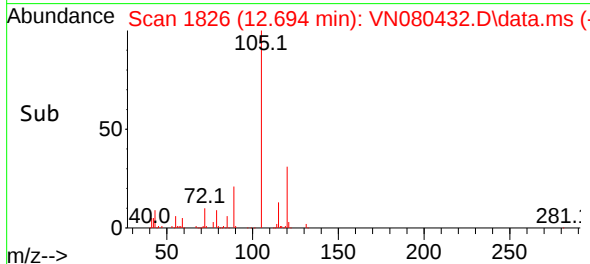
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



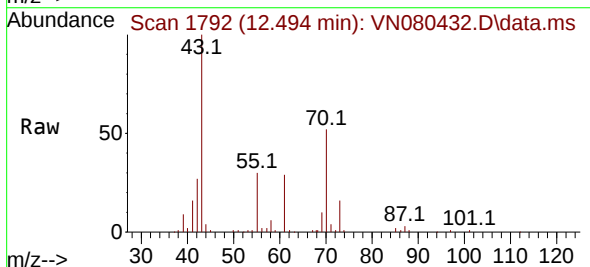
Tgt Ion:105 Resp: 40954
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

Manual Integrations
APPROVED

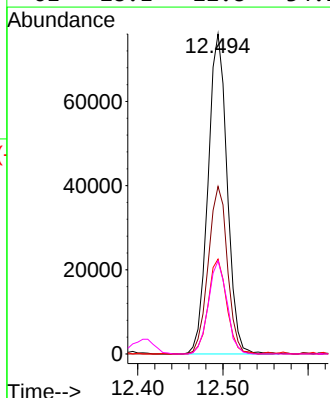
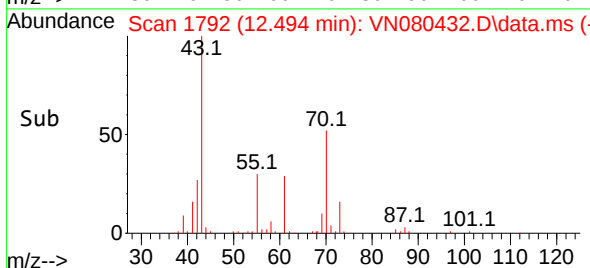
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

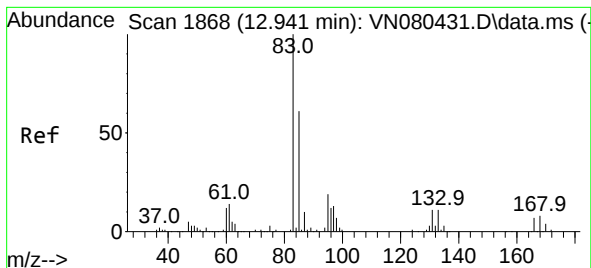


#74
N-ethyl acetate
Concen: 20.894 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57



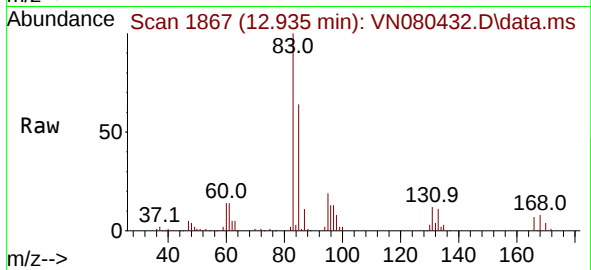
Tgt Ion: 43 Resp: 118589
Ion Ratio Lower Upper
43 100
70 52.3 43.4 65.2
55 28.7 21.4 32.0
61 28.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.220 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

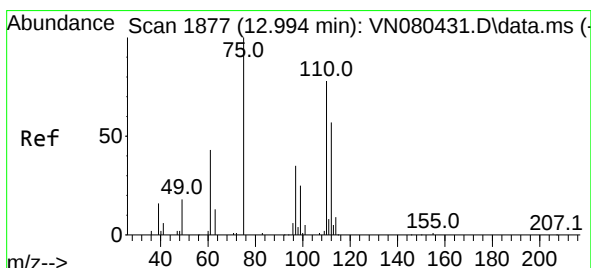
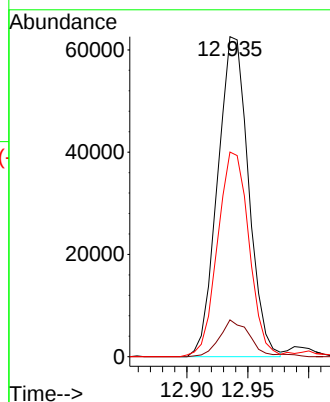
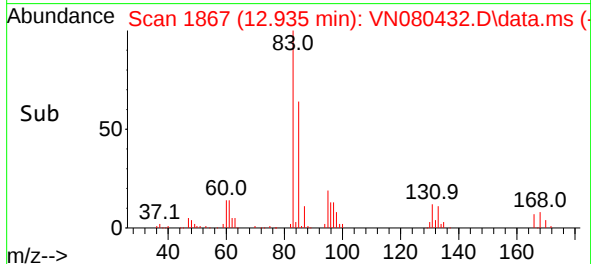
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



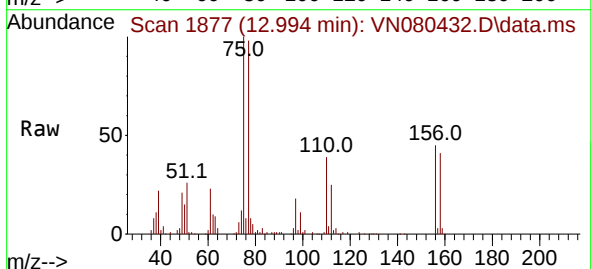
Tgt Ion: 83 Resp: 110518
Ion Ratio Lower Upper
83 100
131 11.5 5.0 15.0
85 65.5 31.9 95.7

Manual Integrations
APPROVED

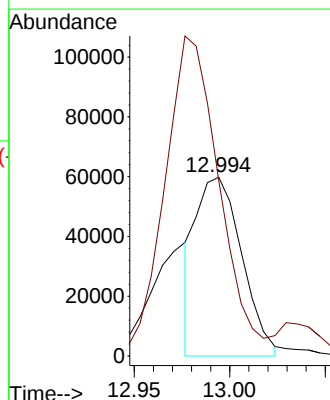
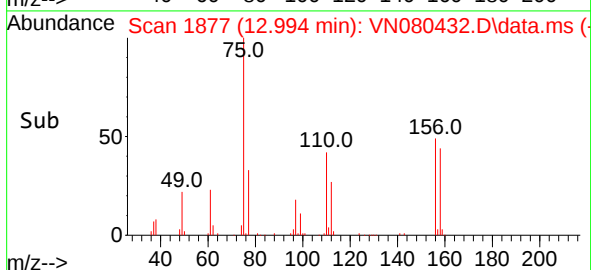
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

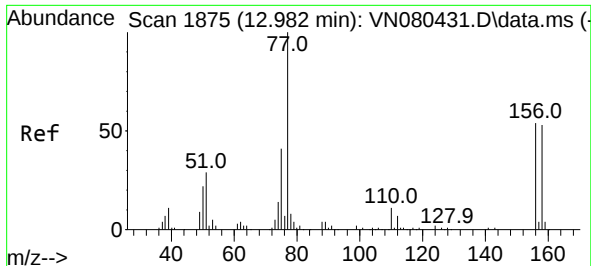


#76
1,2,3-Trichloropropane
Concen: 18.815 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57



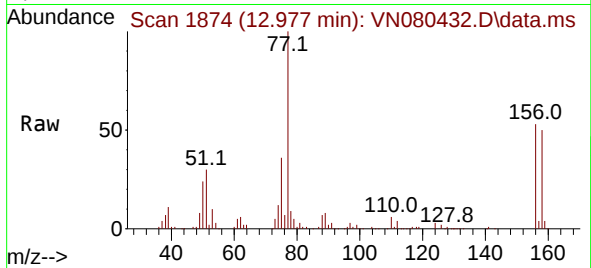
Tgt Ion: 75 Resp: 99205
Ion Ratio Lower Upper
75 100
77 212.7 84.5 253.5





#77
Bromobenzene
Concen: 21.039 ug/l
RT: 12.977 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

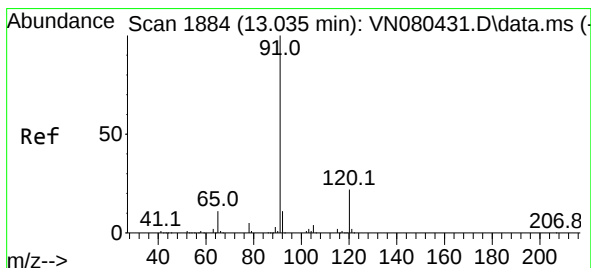
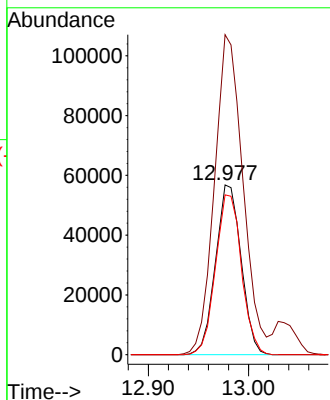
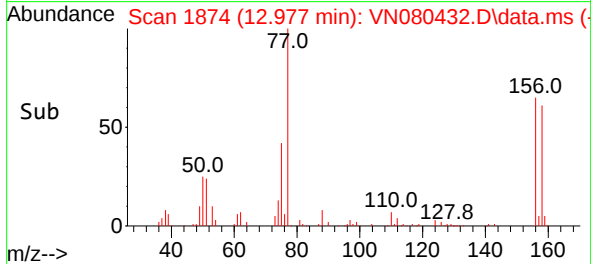
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:156 Resp: 100594
Ion Ratio Lower Upper
156 100
77 209.8 107.7 323.3
158 95.4 48.4 145.3

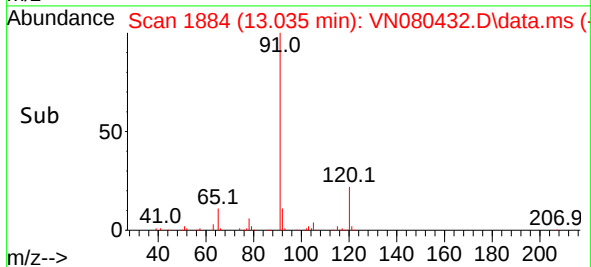
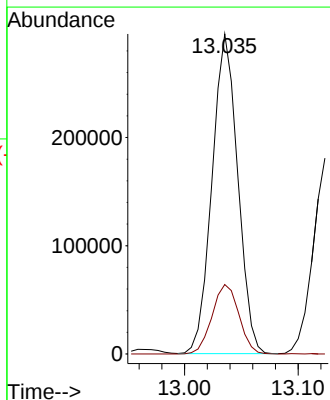
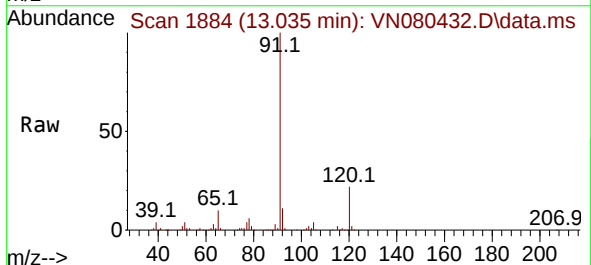
Manual Integrations
APPROVED

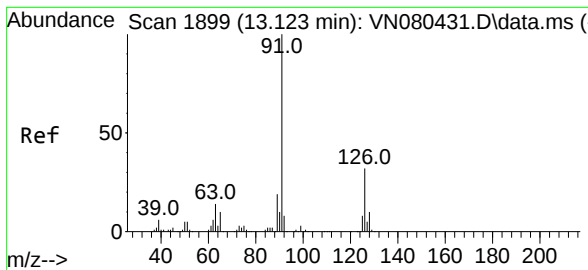
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#78
n-propylbenzene
Concen: 21.649 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion: 91 Resp: 463932
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





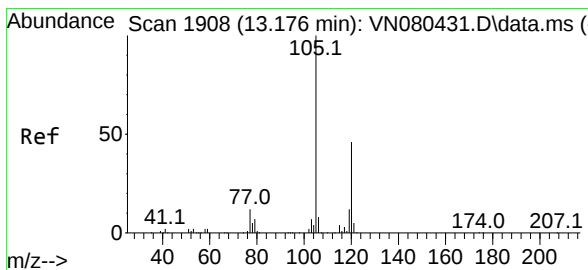
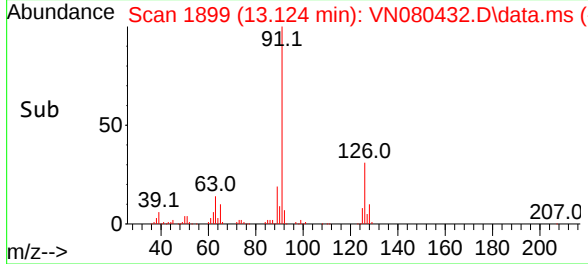
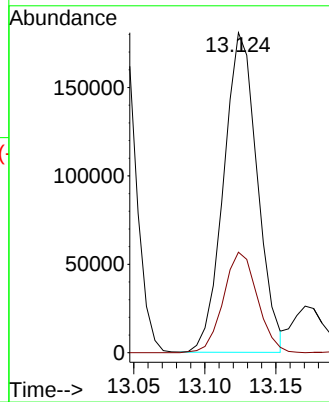
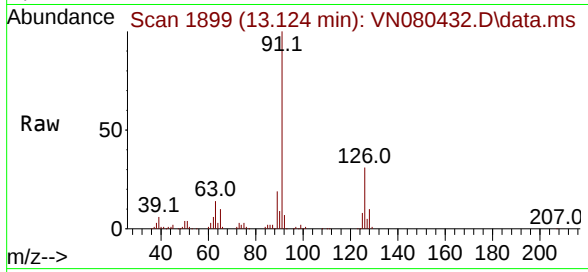
#79
2-Chlorotoluene
Concen: 21.328 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 298380
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8

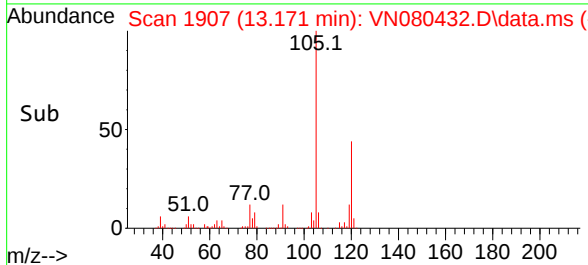
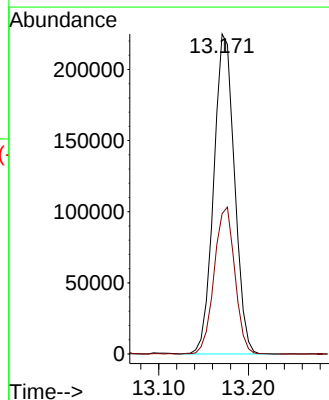
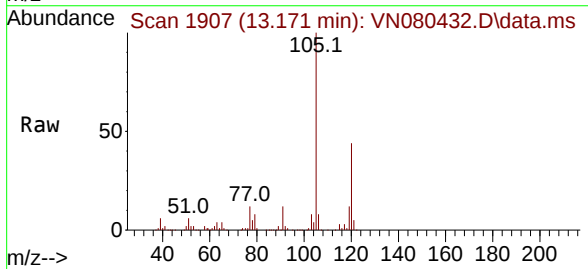
Manual Integrations
APPROVED

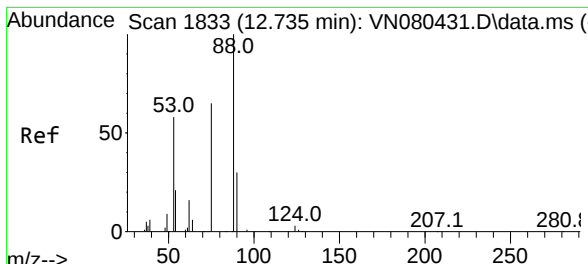
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.609 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

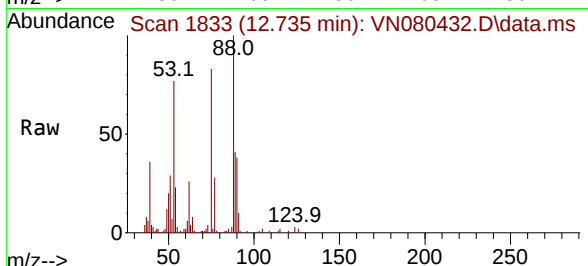
Tgt Ion:105 Resp: 361718
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.007 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

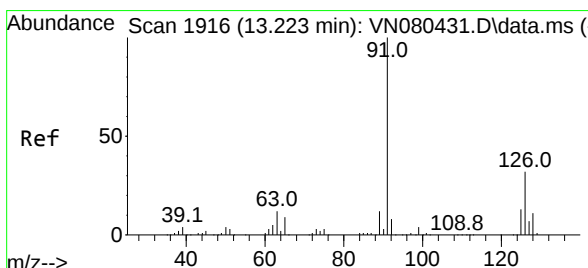
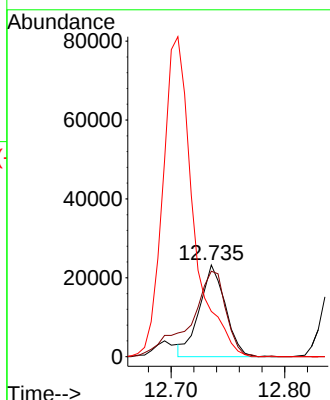
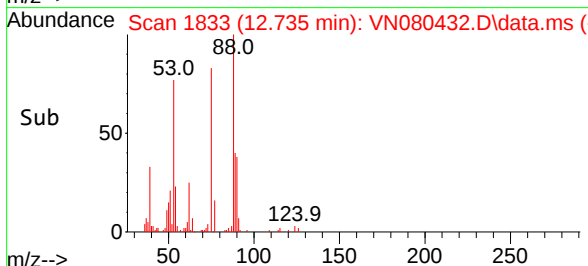
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



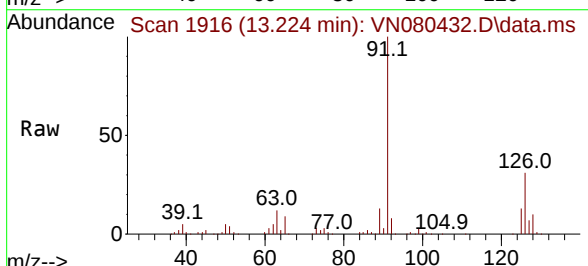
Tgt Ion: 75 Resp: 36779
Ion Ratio Lower Upper
75 100
53 128.4 67.4 101.2
89 0.0 38.8 58.2

Manual Integrations
APPROVED

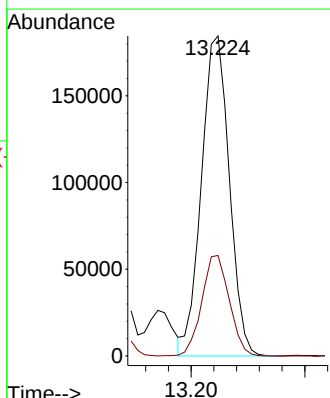
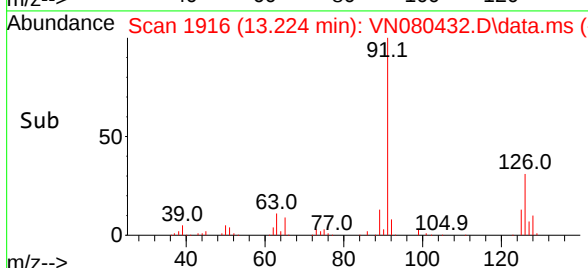
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

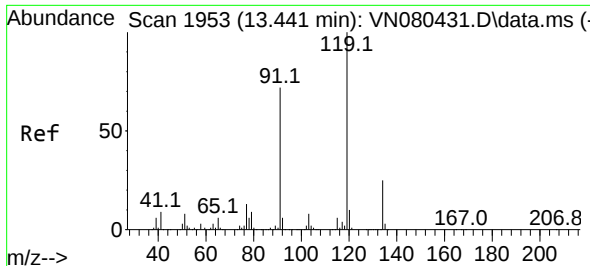


#82
4-Chlorotoluene
Concen: 21.906 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57



Tgt Ion: 91 Resp: 315016
Ion Ratio Lower Upper
91 100
126 30.9 16.7 50.0





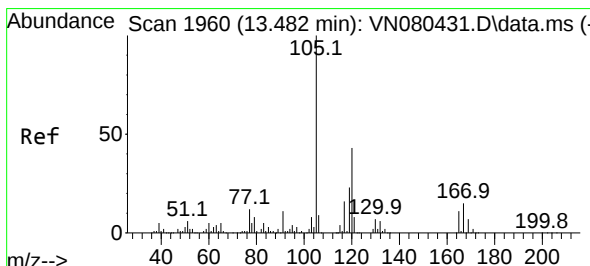
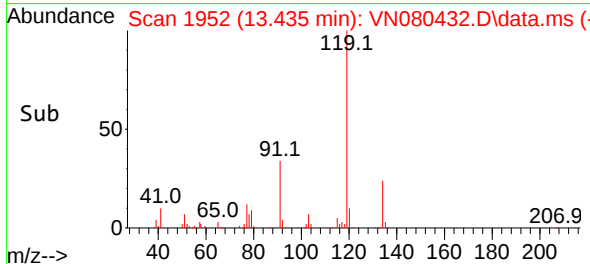
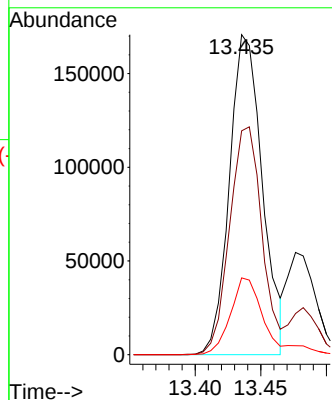
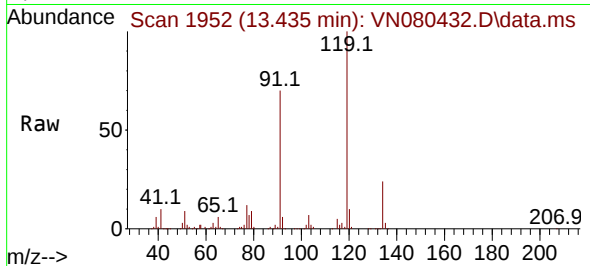
#83
tert-Butylbenzene
Concen: 21.782 ug/l
RT: 13.435 min Scan# 1953
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 29860
Ion Ratio Lower Upper
119 100
91 70.0 33.9 101.7
134 25.1 13.2 39.6

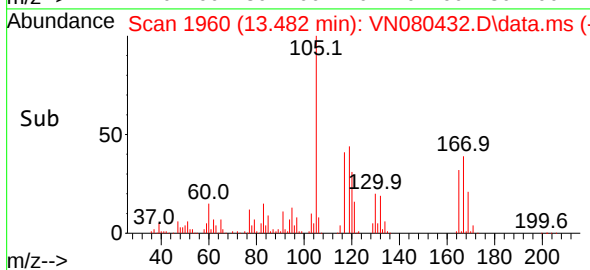
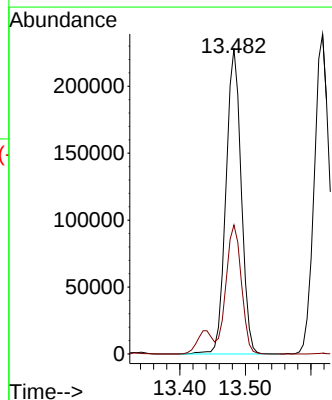
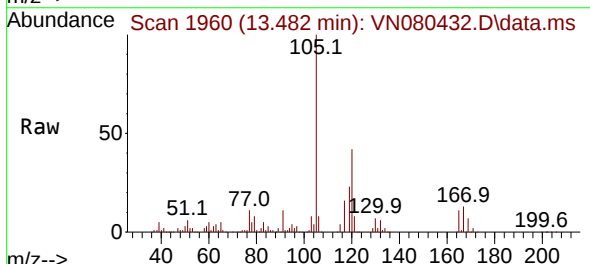
Manual Integrations
APPROVED

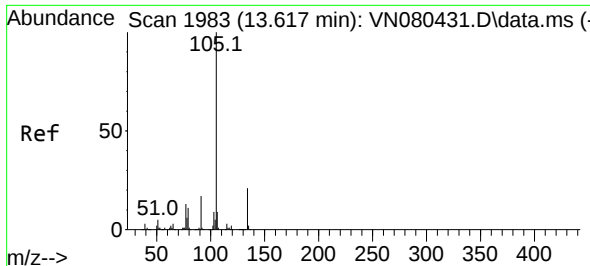
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 22.037 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

Tgt Ion:105 Resp: 366970
Ion Ratio Lower Upper
105 100
120 42.6 22.0 66.0





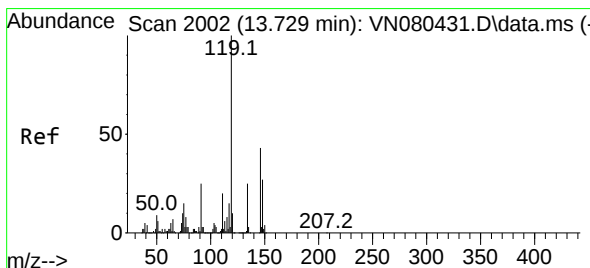
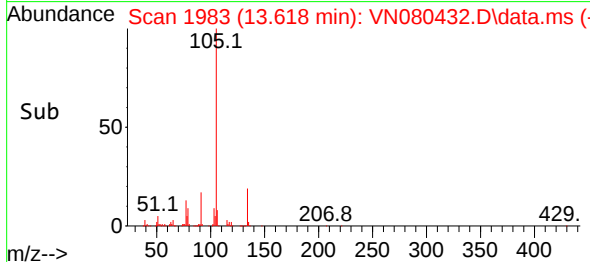
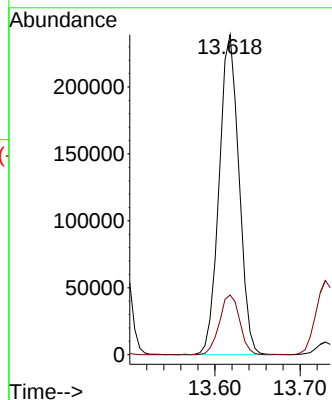
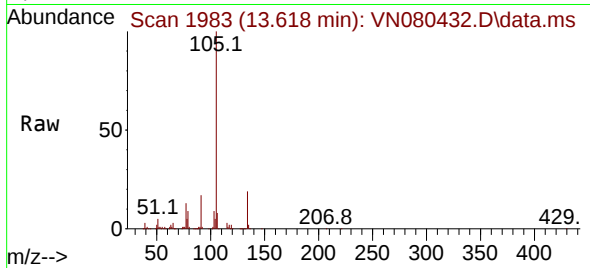
#85
 sec-Butylbenzene
 Concen: 22.066 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 386960
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

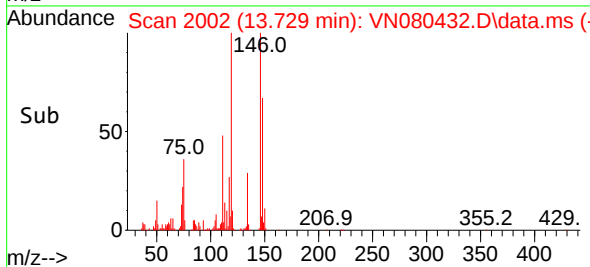
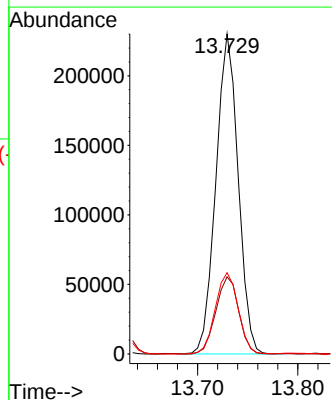
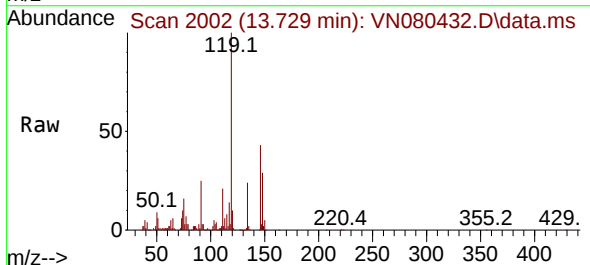
Manual Integrations
 APPROVED

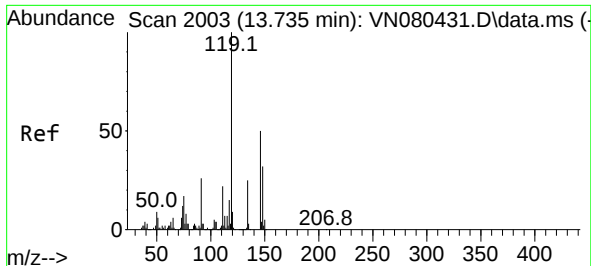
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#86
 p-Isopropyltoluene
 Concen: 22.351 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

Tgt Ion:119 Resp: 353902
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 26.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 21.487 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 181010

Ion Ratio Lower Upper

146 100

111 46.0 22.1 66.3

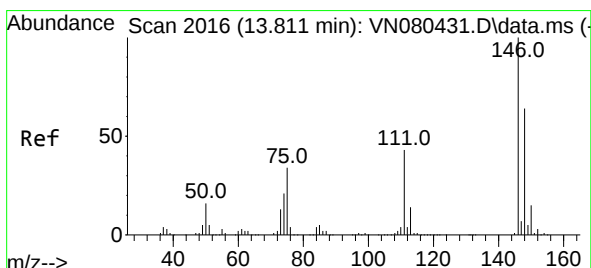
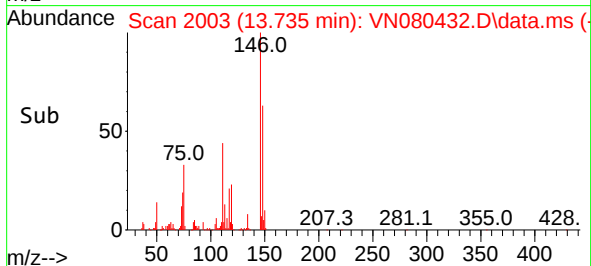
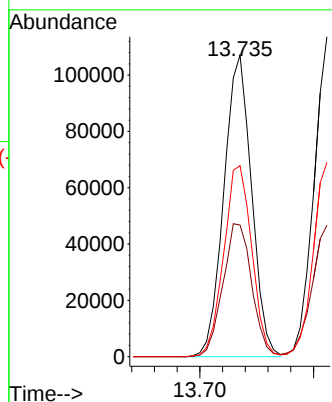
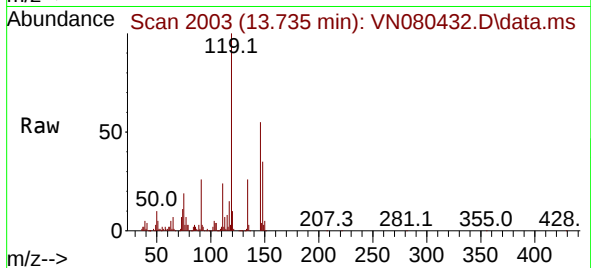
148 64.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#88

1,4-Dichlorobenzene

Concen: 21.381 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

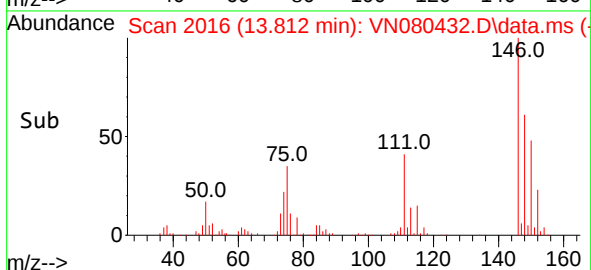
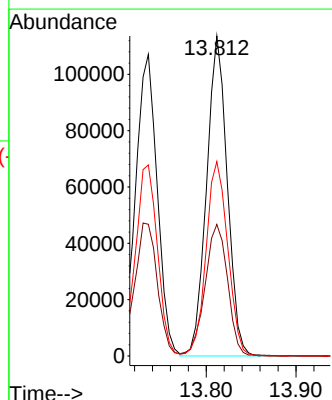
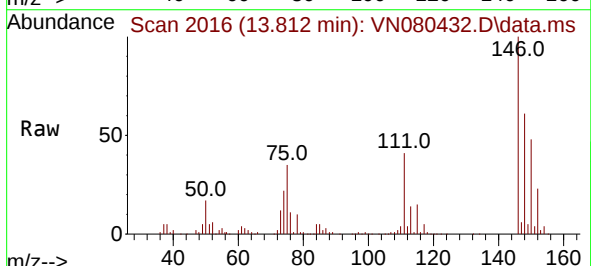
Tgt Ion:146 Resp: 181814

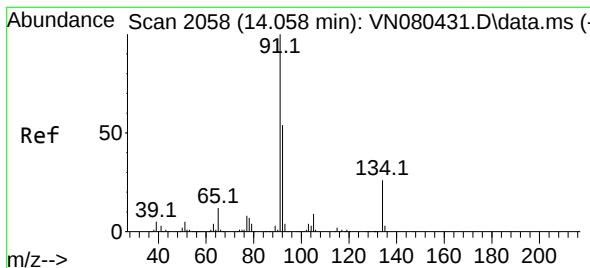
Ion Ratio Lower Upper

146 100

111 44.9 20.6 61.8

148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 22.447 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

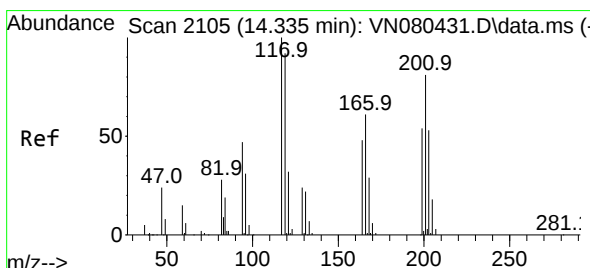
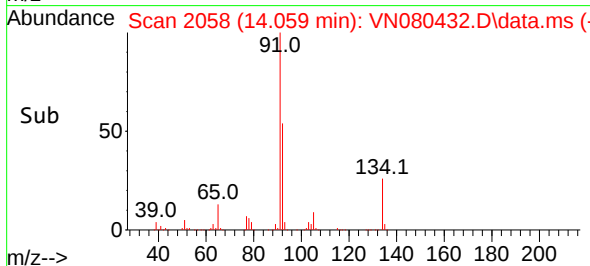
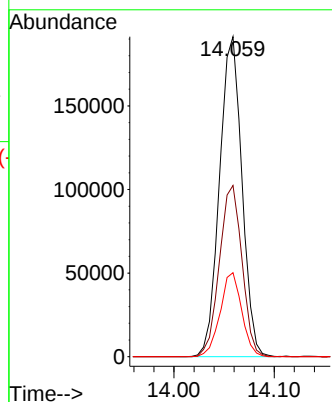
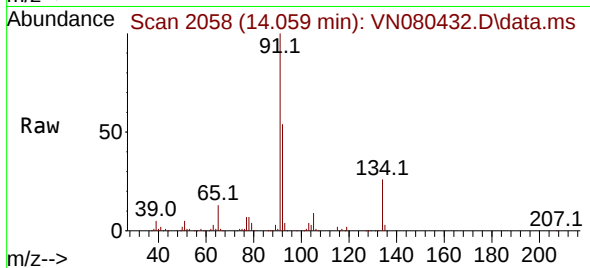
Tgt Ion:	91	Resp:	296819
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.4	79.0
134	25.4	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#90

Hexachloroethane

Concen: 21.388 ug/l

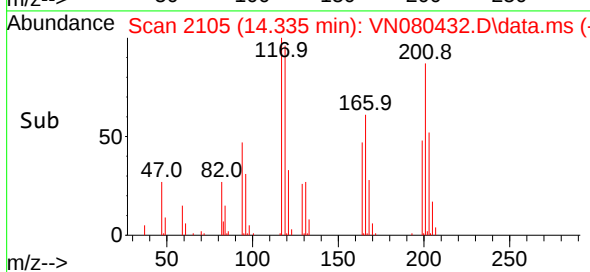
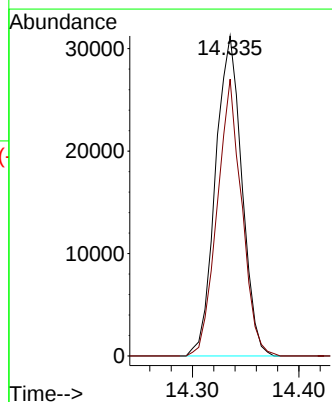
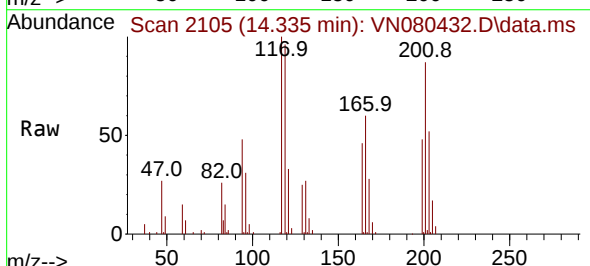
RT: 14.335 min Scan# 2105

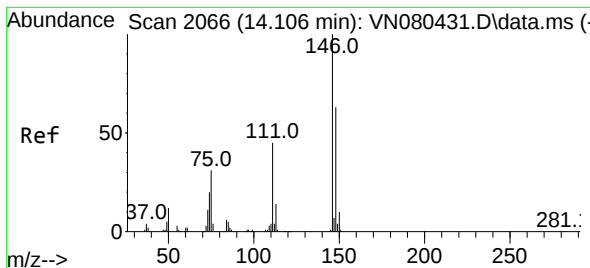
Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

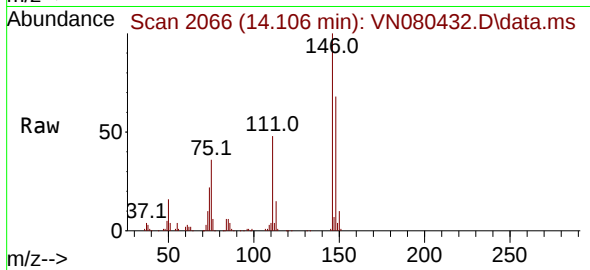
Tgt Ion:	117	Resp:	53784
Ion	Ratio	Lower	Upper
117	100		
201	80.5	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 21.023 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

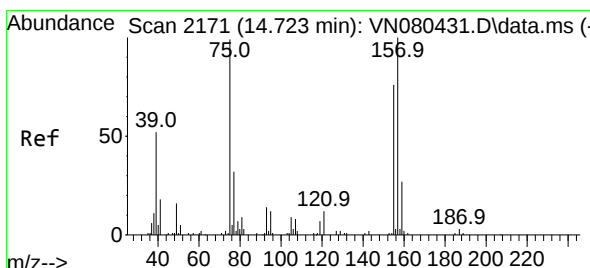
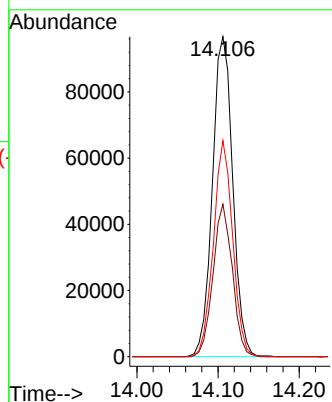
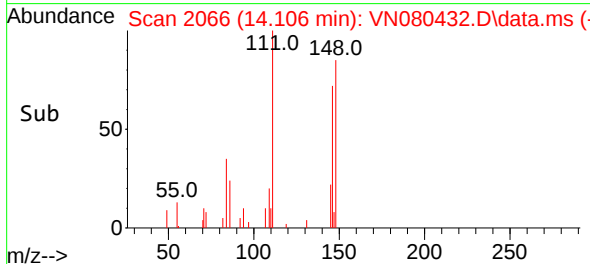
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 16816
Ion Ratio Lower Upper
146 100
111 45.2 22.0 66.0
148 64.1 31.8 95.3

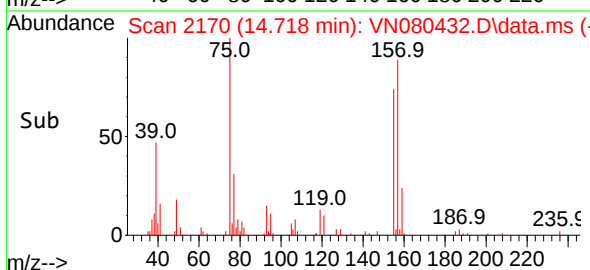
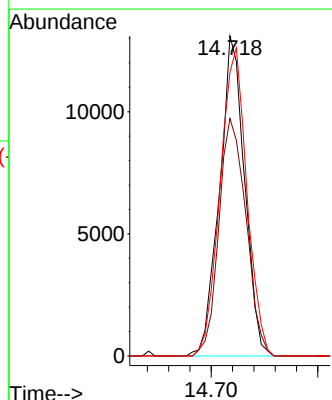
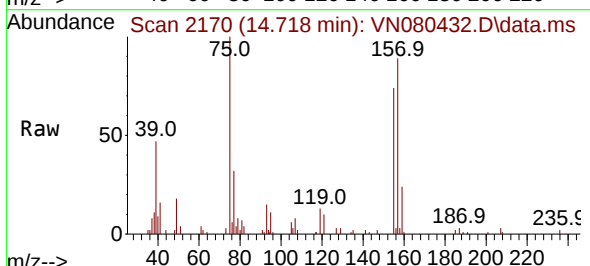
Manual Integrations
APPROVED

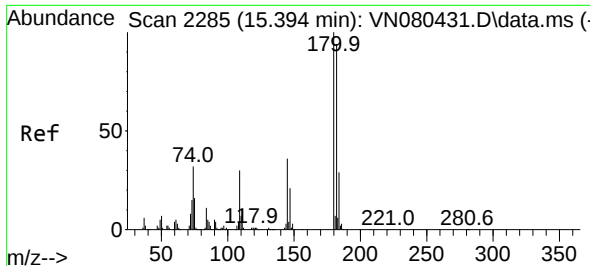
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.539 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080432.D
Acq: 12 Dec 2023 10:57

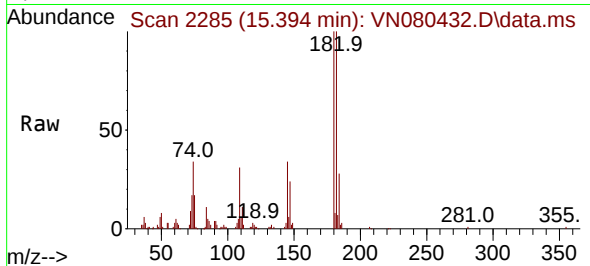
Tgt Ion: 75 Resp: 21405
Ion Ratio Lower Upper
75 100
155 80.1 39.1 117.2
157 102.7 50.3 150.9





#93
 1,2,4-Trichlorobenzene
 Concen: 20.102 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57

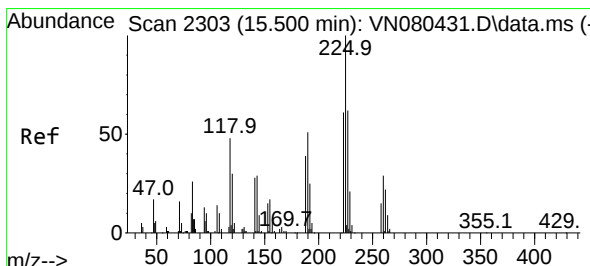
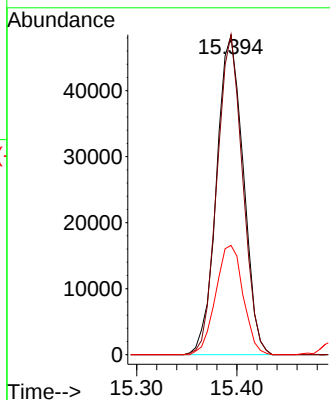
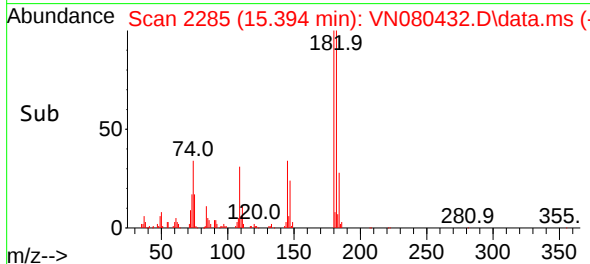
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



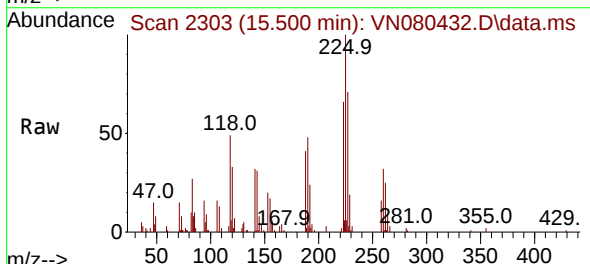
Tgt Ion:180 Resp: 8927
 Ion Ratio Lower Upper
 180 100
 182 95.9 46.1 138.2
 145 35.2 16.6 49.8

Manual Integrations
 APPROVED

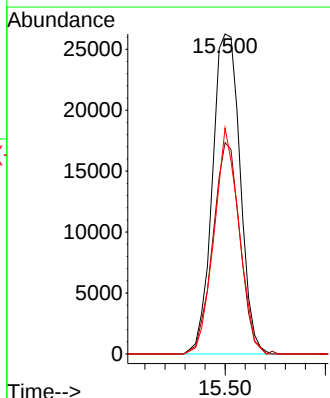
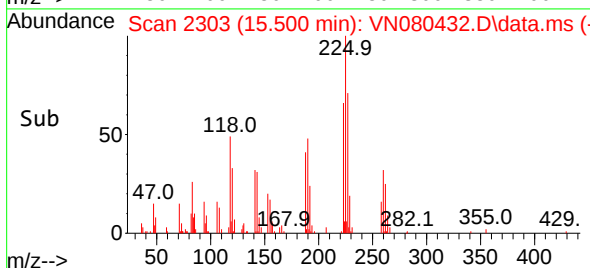
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023

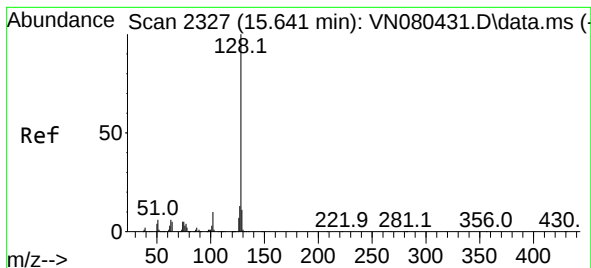


#94
 Hexachlorobutadiene
 Concen: 19.913 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN080432.D
 Acq: 12 Dec 2023 10:57



Tgt Ion:225 Resp: 50348
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.3 93.8
 227 63.5 31.9 95.9





#95

Naphthalene

Concen: 20.396 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:128 Resp: 27507

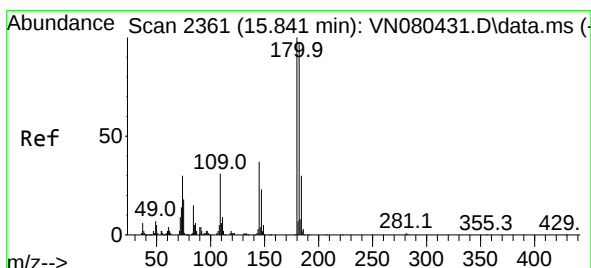
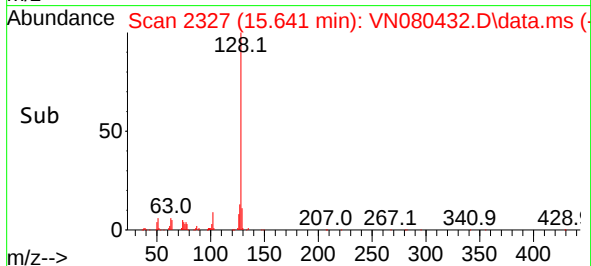
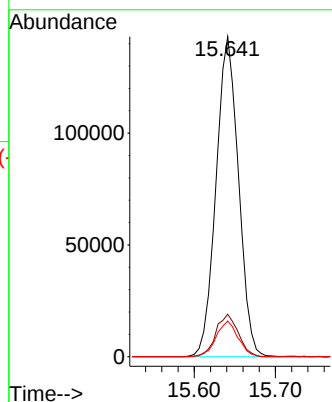
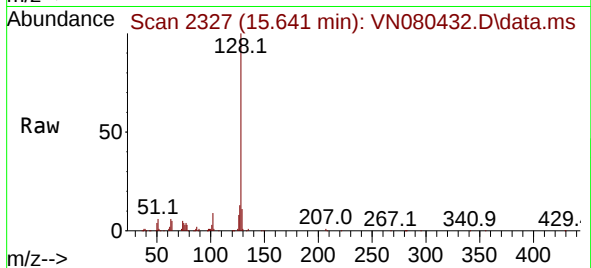
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.086 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080432.D

Acq: 12 Dec 2023 10:57

Tgt Ion:180 Resp: 86086

Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.2	138.6
145	35.2	17.5	52.6

