

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020624\
 Data File : VN080923.D
 Acq On : 06 Feb 2024 17:21
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024

Quant Time: Feb 07 05:32:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 05:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	426317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	980949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	677749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	274762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	29782	5.538	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.080%#		
35) Dibromofluoromethane	8.171	113	25584	4.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.720%#		
50) Toluene-d8	10.571	98	90210	4.738	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.480%#		
62) 4-Bromofluorobenzene	12.847	95	31226	4.515	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.020%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	24664	5.107	ug/l	92
3) Chloromethane	2.359	50	31120	4.977	ug/l	93
4) Vinyl Chloride	2.507	62	35201	5.581	ug/l	94
5) Bromomethane	2.942	94	25155	6.199	ug/l	84
6) Chloroethane	3.118	64	26154	5.863	ug/l #	85
7) Trichlorofluoromethane	3.495	101	44421	5.378	ug/l	88
8) Diethyl Ether	3.959	74	14811	5.019	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	23887	5.141	ug/l #	80
10) Methyl Iodide	4.589	142	23698	5.274	ug/l	92
11) Tert butyl alcohol	5.518	59	20417	27.554	ug/l	96
12) 1,1-Dichloroethene	4.336	96	23538	5.150	ug/l	95
13) Acrolein	4.183	56	25423	27.222	ug/l	92
14) Allyl chloride	5.024	41	30353	5.012	ug/l	90
15) Acrylonitrile	5.724	53	52989	26.161	ug/l	99
16) Acetone	4.436	43	49096	27.748	ug/l	93
17) Carbon Disulfide	4.712	76	60476	5.246	ug/l	99
18) Methyl Acetate	5.030	43	40880	5.140	ug/l #	85
19) Methyl tert-butyl Ether	5.789	73	77201	5.071	ug/l #	88
20) Methylene Chloride	5.271	84	27590	5.147	ug/l	86
21) trans-1,2-Dichloroethene	5.777	96	26587	5.182	ug/l #	79
22) Diisopropyl ether	6.677	45	69786	4.972	ug/l #	93
23) Vinyl Acetate	6.600	43	203915	22.046	ug/l #	83
24) 1,1-Dichloroethane	6.565	63	45598	4.988	ug/l #	93
25) 2-Butanone	7.483	43	75961	26.747	ug/l	97
26) 2,2-Dichloropropane	7.489	77	40469	4.841	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	30003	5.033	ug/l	81
28) Bromochloromethane	7.812	49	20562	5.406	ug/l #	68
29) Tetrahydrofuran	7.836	42	42720	24.604	ug/l #	81
30) Chloroform	7.965	83	48450	4.796	ug/l	97
31) Cyclohexane	8.253	56	44415	6.043	ug/l #	66
32) 1,1,1-Trichloroethane	8.171	97	42249	4.826	ug/l #	48
36) 1,1-Dichloropropene	8.377	75	35793	4.571	ug/l	96
37) Ethyl Acetate	7.559	43	26053	4.397	ug/l #	94
38) Carbon Tetrachloride	8.359	117	34008	4.237	ug/l	86
39) Methylcyclohexane	9.600	83	41583	4.765	ug/l	86
40) Benzene	8.606	78	106571	4.471	ug/l	97

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Reviewed By : John Carlone 02/07/2024
 Supervised By : Mahesh Dadoda 02/07/2024

Quant Time: Feb 07 05:32:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 05:25:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	16434	4.654	ug/l	94
42) 1,2-Dichloroethane	8.677	62	38505	4.640	ug/l	97
43) Isopropyl Acetate	8.694	43	49632	4.555	ug/l #	91
44) Trichloroethene	9.353	130	32662	4.511	ug/l	91
45) 1,2-Dichloropropane	9.618	63	30088	4.678	ug/l	91
46) Dibromomethane	9.706	93	22952	4.826	ug/l #	84
47) Bromodichloromethane	9.888	83	41093	4.418	ug/l #	88
48) Methyl methacrylate	9.683	41	29564	4.816	ug/l #	84
49) 1,4-Dioxane	9.694	88	10493	92.574	ug/l #	68
51) 4-Methyl-2-Pentanone	10.447	43	141785	21.593	ug/l	94
52) Toluene	10.630	92	65452	4.099	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	35573	3.952	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	40392	3.998	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	25021	4.055	ug/l	92
56) Ethyl methacrylate	10.882	69	24429	3.309	ug/l	90
57) 1,3-Dichloropropane	11.165	76	42296	4.225	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.159	63	98973	22.084	ug/l #	83
59) 2-Hexanone	11.200	43	111759	22.456	ug/l	95
60) Dibromochloromethane	11.359	129	26439	4.193	ug/l	99
61) 1,2-Dibromoethane	11.471	107	27012	4.388	ug/l	95
64) Tetrachloroethene	11.106	164	25252	4.936	ug/l #	75
65) Chlorobenzene	11.894	112	70361	4.954	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.965	131	24169	4.715	ug/l	98
67) Ethyl Benzene	11.965	91	117856	4.817	ug/l	97
68) m/p-Xylenes	12.071	106	89152	9.590	ug/l	89
69) o-Xylene	12.400	106	42068	4.664	ug/l	94
70) Styrene	12.412	104	58801	4.343	ug/l	97
71) Bromoform	12.582	173	15424	4.493	ug/l #	96
73) Isopropylbenzene	12.700	105	103652	4.851	ug/l	97
74) N-amyl acetate	12.500	43	37841	4.913	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	32495	4.888	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	25799m	4.414	ug/l	
77) Bromobenzene	12.982	156	26232	4.865	ug/l	74
78) n-propylbenzene	13.041	91	117805	4.883	ug/l	97
79) 2-Chlorotoluene	13.123	91	76224	4.999	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	83167	4.788	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	8546	4.144	ug/l #	74
82) 4-Chlorotoluene	13.223	91	76075	5.001	ug/l	95
83) tert-Butylbenzene	13.441	119	70631	4.771	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	81725	4.724	ug/l	92
85) sec-Butylbenzene	13.618	105	95675	4.809	ug/l	93
86) p-Isopropyltoluene	13.729	119	77944	4.636	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	46888	4.883	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	47876	4.913	ug/l	97
89) n-Butylbenzene	14.059	91	71549	4.818	ug/l	97
90) Hexachloroethane	14.329	117	12814	4.834	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	42972	4.671	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5920	4.761	ug/l	86
93) 1,2,4-Trichlorobenzene	15.400	180	22477	4.939	ug/l	100
94) Hexachlorobutadiene	15.506	225	10362	5.252	ug/l	99
95) Naphthalene	15.641	128	72585	4.831	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	21472	4.794	ug/l	95

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

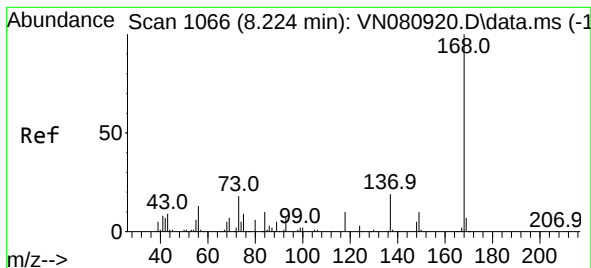
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

Quant Time: Feb 07 05:32:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 05:25:05 2024
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: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

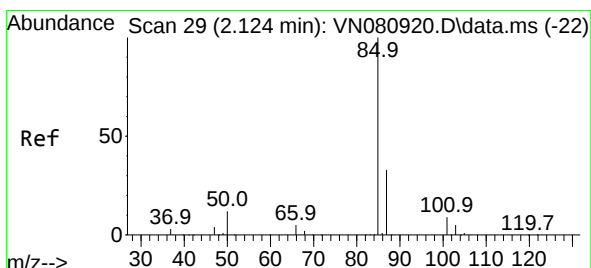
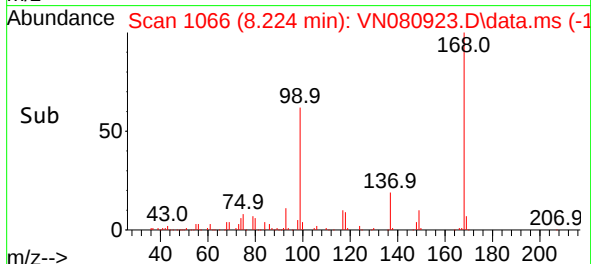
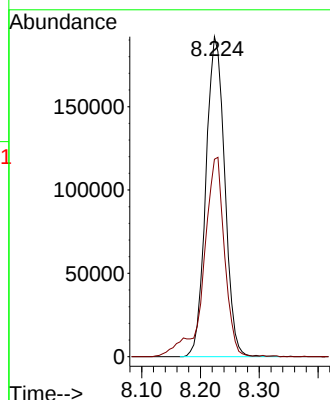
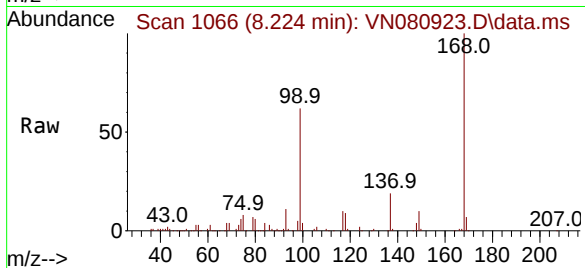
Tgt Ion:168 Resp: 42631
Ion Ratio Lower Upper
168 100
99 61.7 59.9 89.9

Manual Integrations

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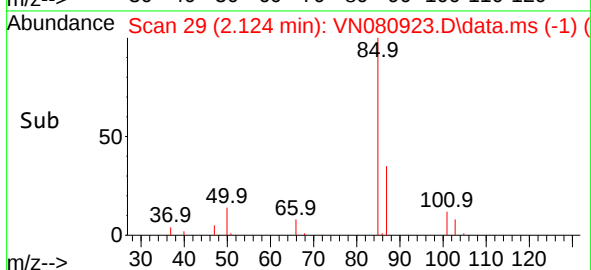
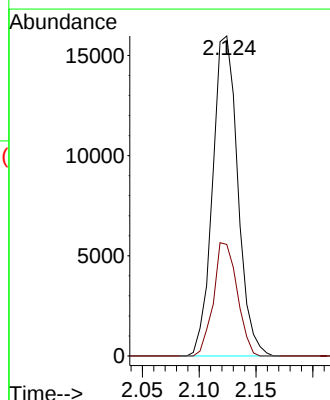
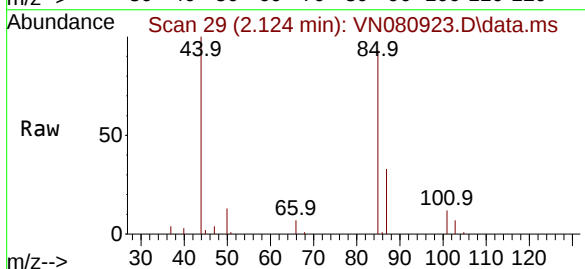
Reviewed By :John Carlone 02/07/2024

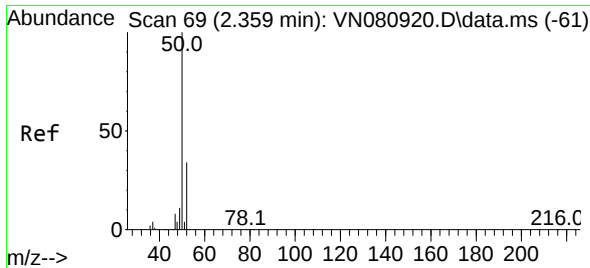
Supervised By :Mahesh Dadoda 02/07/2024



#2
Dichlorodifluoromethane
Concen: 5.107 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion: 85 Resp: 24664
Ion Ratio Lower Upper
85 100
87 34.8 15.3 45.9





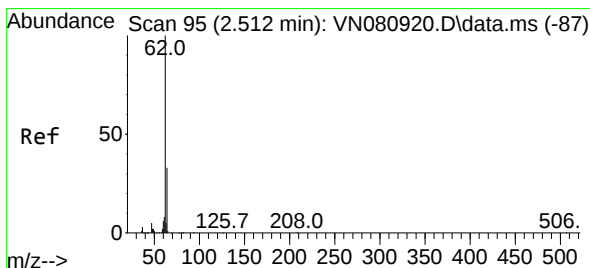
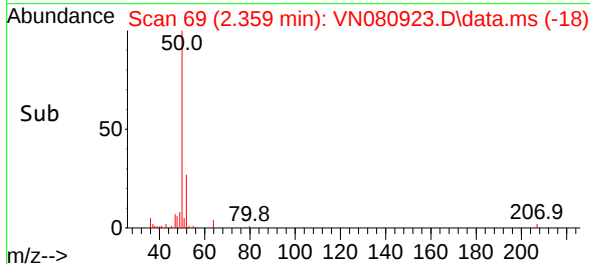
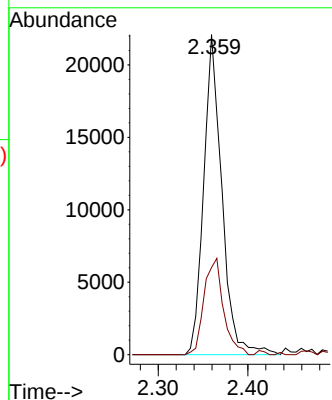
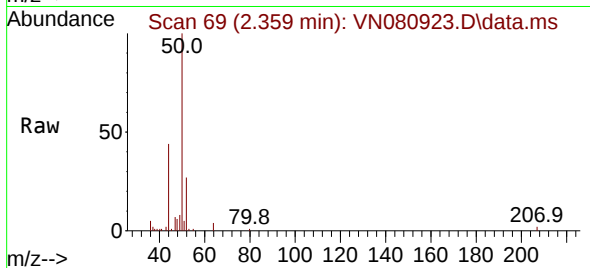
#3
Chloromethane
Concen: 4.977 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 31120
Ion Ratio Lower Upper
50 100
52 27.2 25.0 37.4

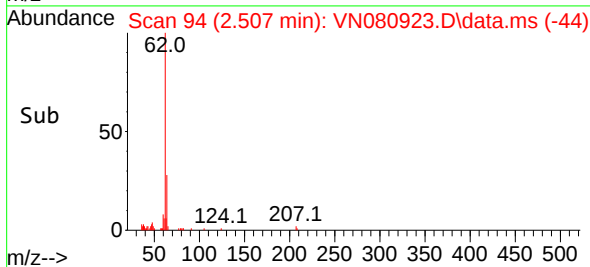
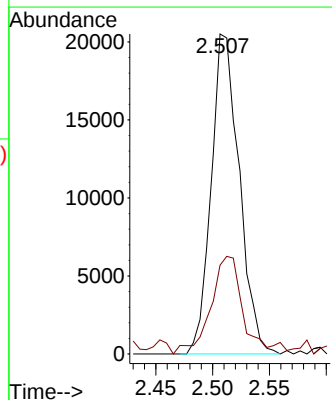
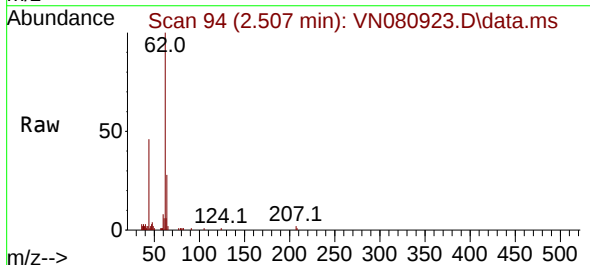
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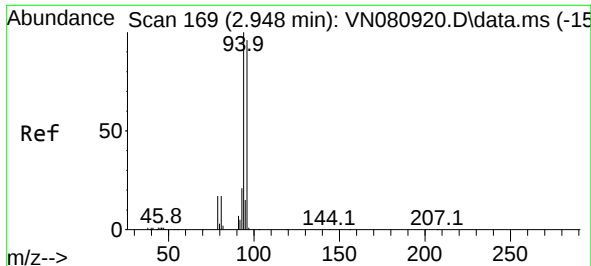
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#4
Vinyl Chloride
Concen: 5.581 ug/l
RT: 2.507 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

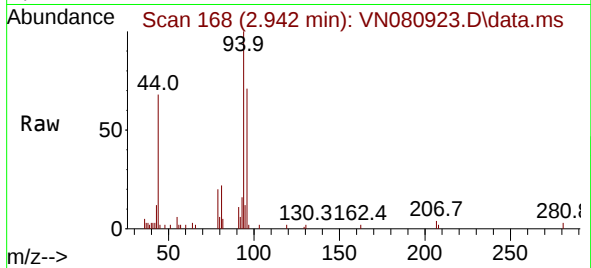
Tgt Ion: 62 Resp: 35201
Ion Ratio Lower Upper
62 100
64 25.1 22.7 34.1





#5
Bromomethane
Concen: 6.199 ug/l
RT: 2.942 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

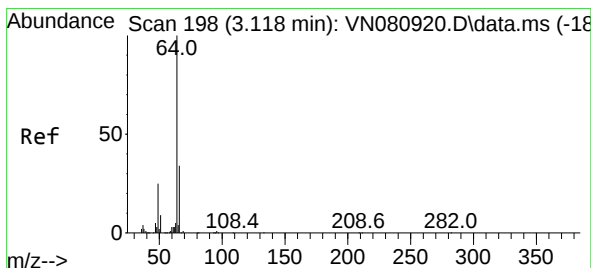
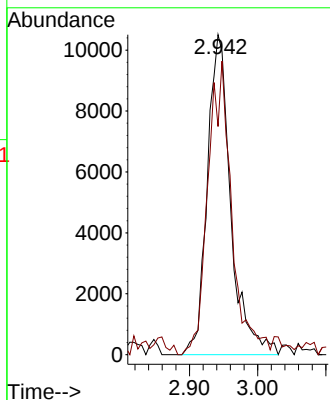
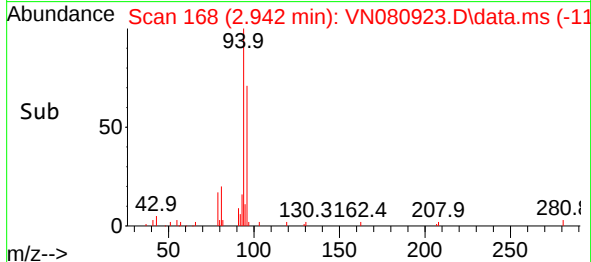
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 2515
Ion Ratio Lower Upper
94 100
96 71.3 69.2 103.8

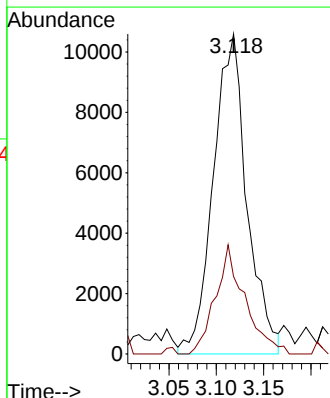
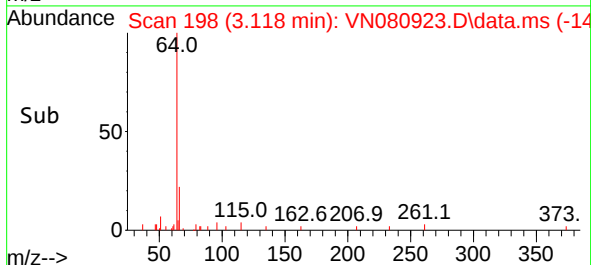
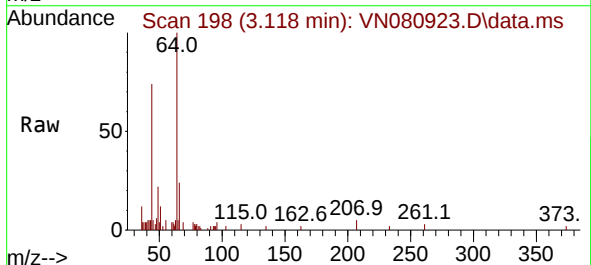
Manual Integrations
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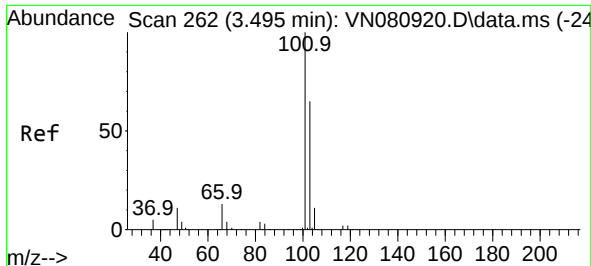
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#6
Chloroethane
Concen: 5.863 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion: 64 Resp: 26154
Ion Ratio Lower Upper
64 100
66 24.7 26.4 39.6#





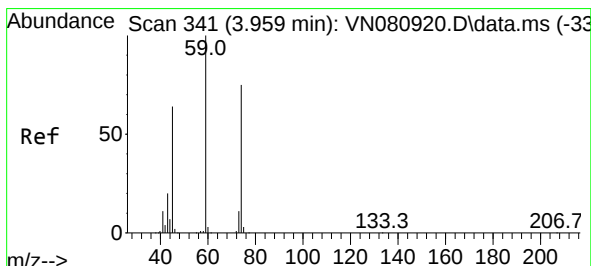
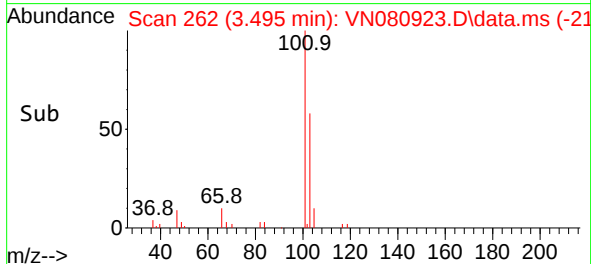
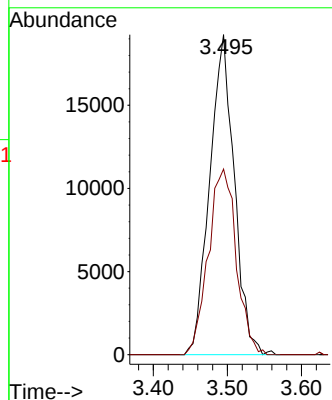
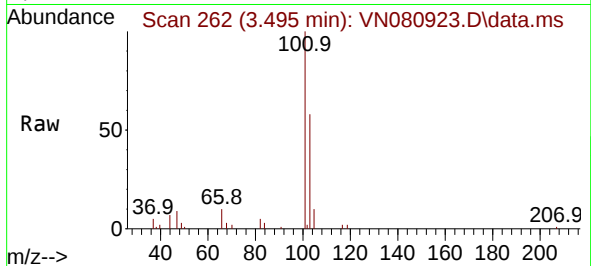
#7
Trichlorofluoromethane
Concen: 5.378 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 4442
Ion Ratio Lower Upper
101 100
103 58.0 54.4 81.6

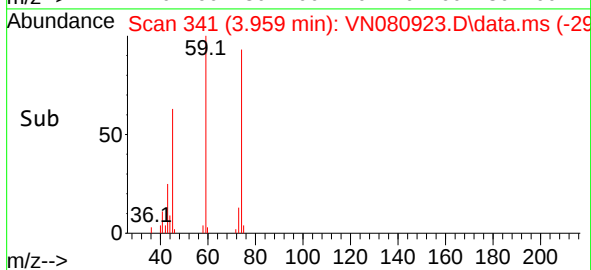
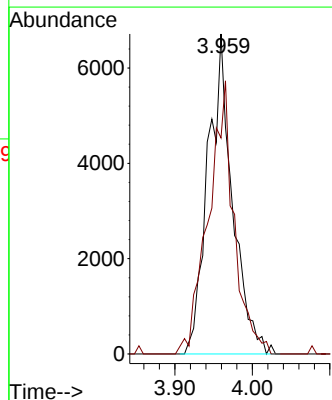
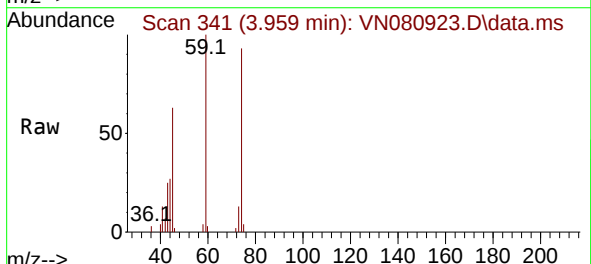
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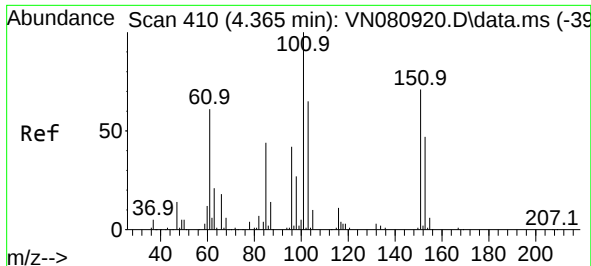
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#8
Diethyl Ether
Concen: 5.019 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion: 74 Resp: 14811
Ion Ratio Lower Upper
74 100
45 88.9 53.3 159.9





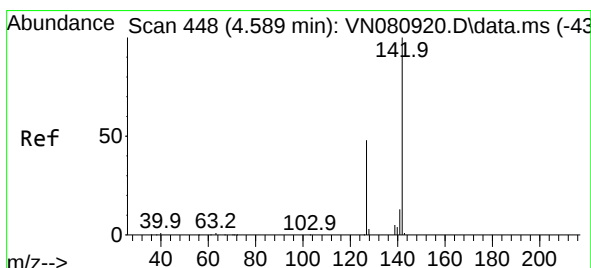
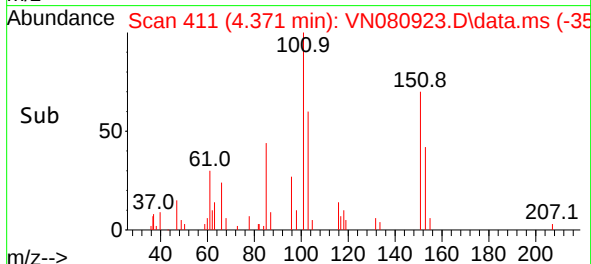
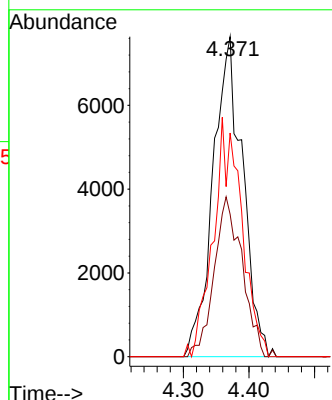
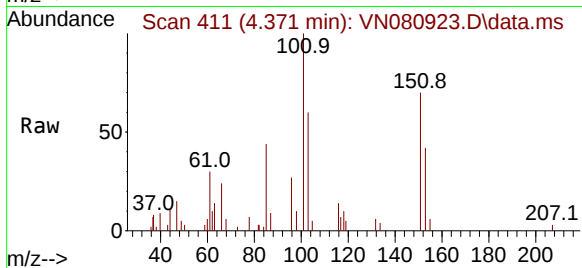
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.141 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 2388
Ion Ratio Lower Upper
101 100
85 47.1 38.1 57.1
151 35.3 49.1 73.7

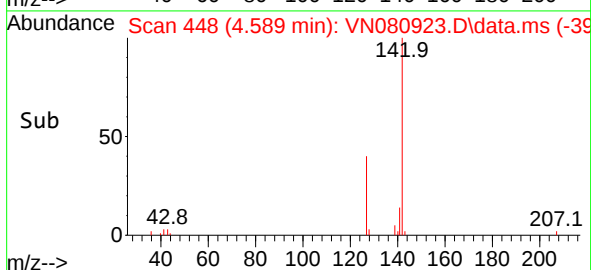
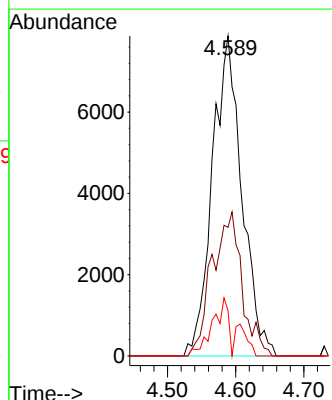
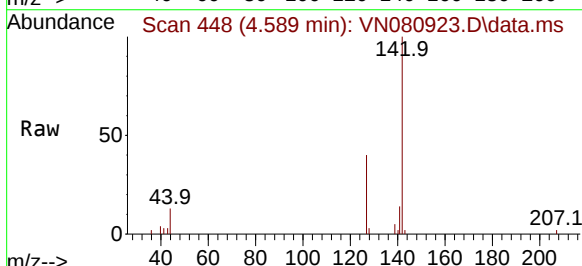
Manual Integrations
APPROVED

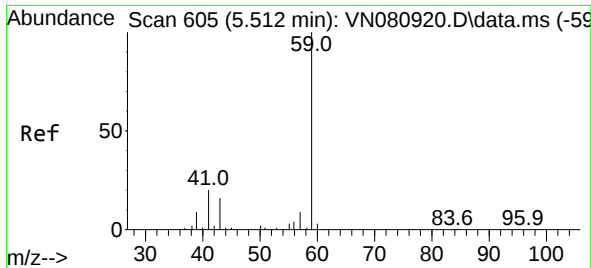
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#10
Methyl Iodide
Concen: 5.274 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion:142 Resp: 23698
Ion Ratio Lower Upper
142 100
127 40.2 37.0 55.4
141 14.1 12.5 18.7





#11
Tert butyl alcohol
Concen: 27.554 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

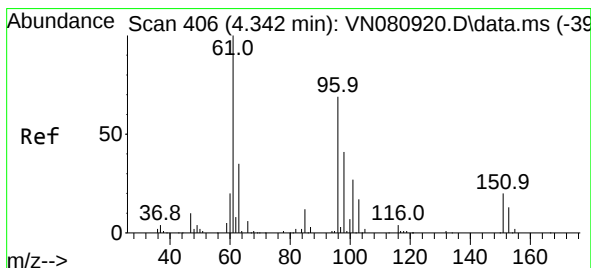
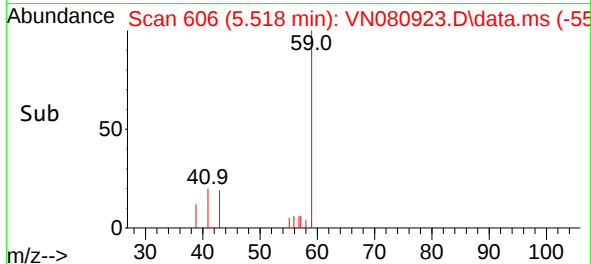
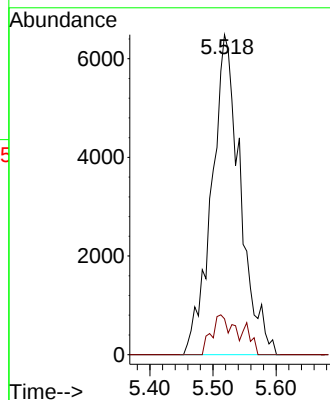
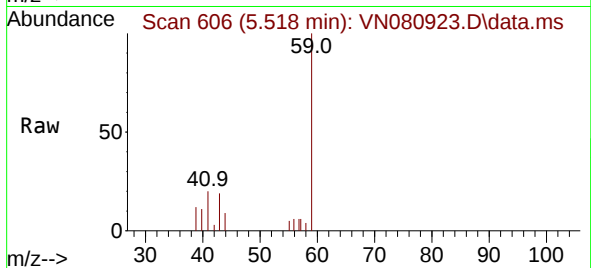
Tgt Ion: 59 Resp: 2041
Ion Ratio Lower Upper
59 100
57 9.3 8.6 12.8

Manual Integrations

APPROVED

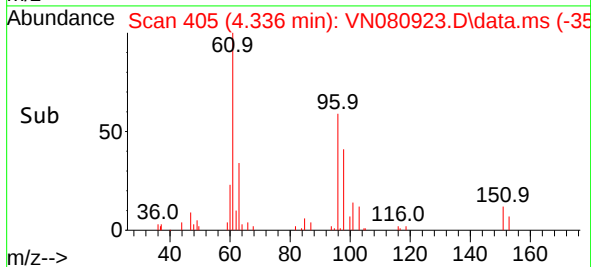
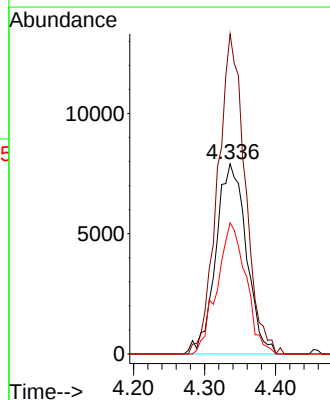
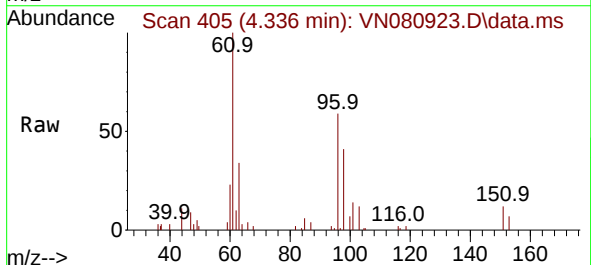
Reviewed By :John Carlone 02/07/2024

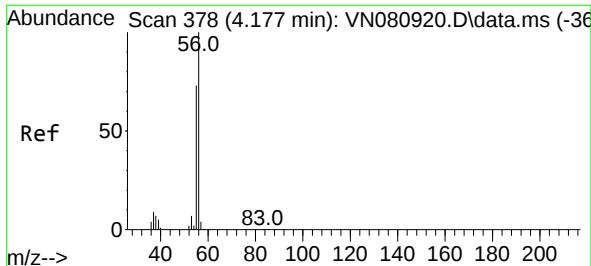
Supervised By :Mahesh Dadoda 02/07/2024



#12
1,1-Dichloroethene
Concen: 5.150 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion: 96 Resp: 23538
Ion Ratio Lower Upper
96 100
61 168.3 138.2 207.4
98 69.0 49.2 73.8





#13

Acrolein

Concen: 27.222 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 2542

Ion Ratio Lower Upper

56 100

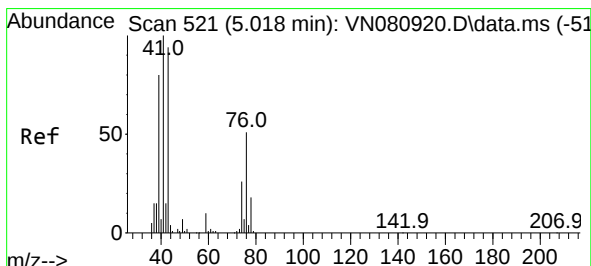
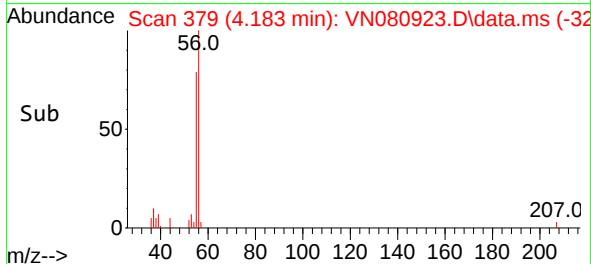
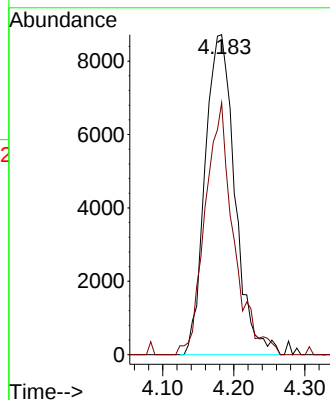
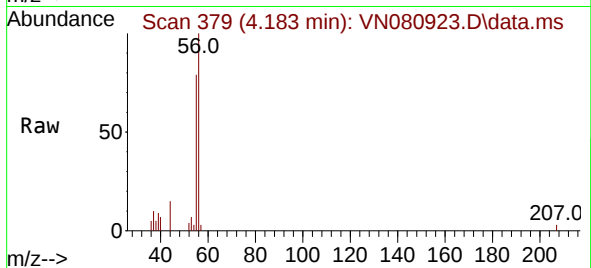
55 75.3 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#14

Allyl chloride

Concen: 5.012 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

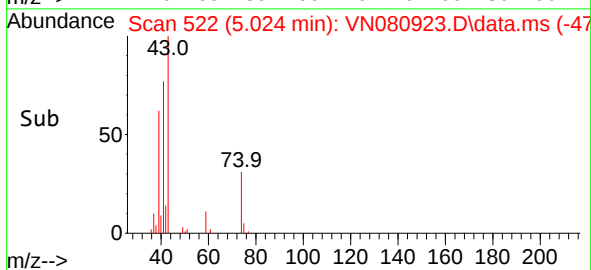
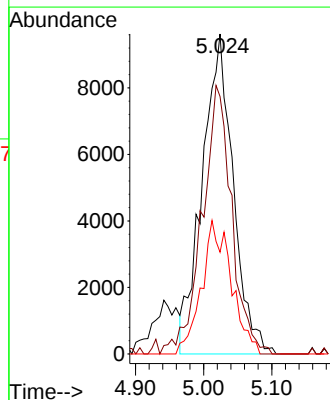
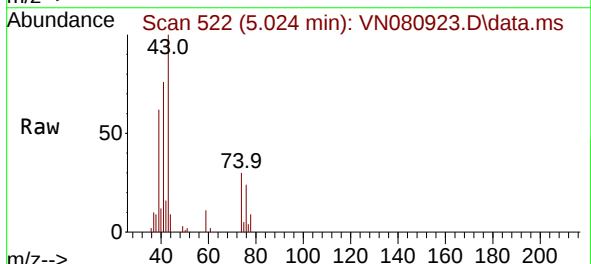
Tgt Ion: 41 Resp: 30353

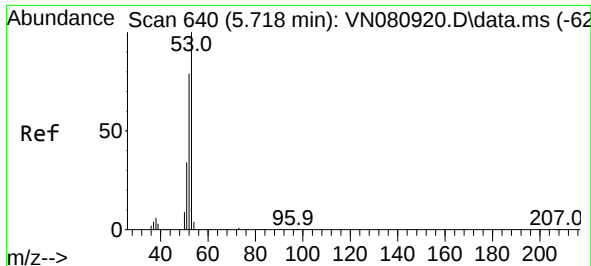
Ion Ratio Lower Upper

41 100

39 80.2 57.7 86.5

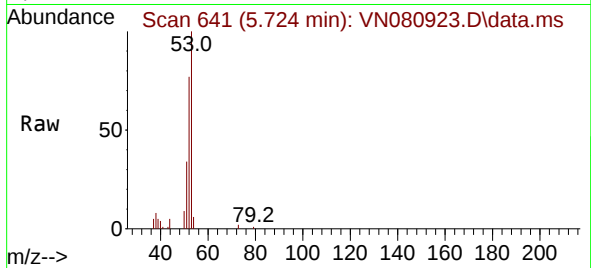
76 40.2 26.8 40.2





#15
Acrylonitrile
Concen: 26.161 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

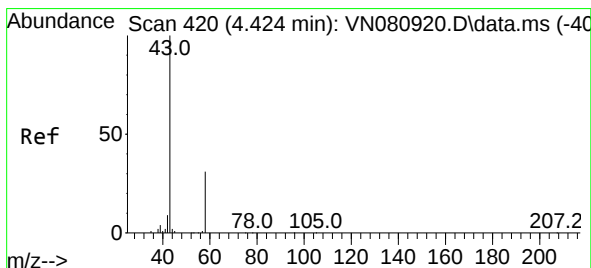
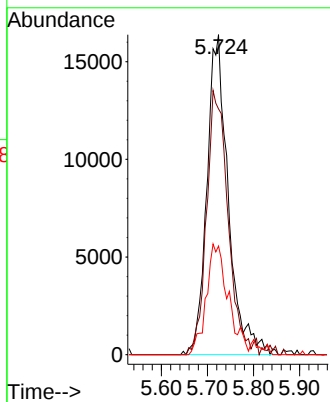
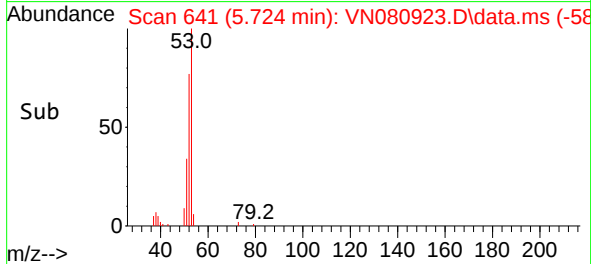
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 52989
Ion Ratio Lower Upper
53 100
52 82.0 64.8 97.2
51 33.4 26.9 40.3

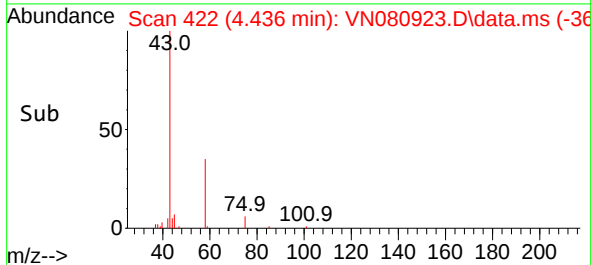
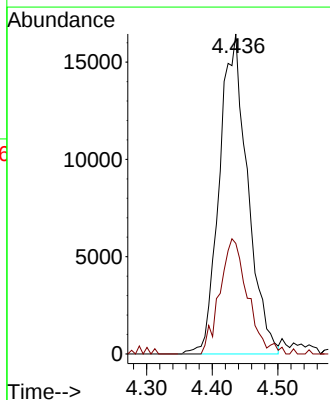
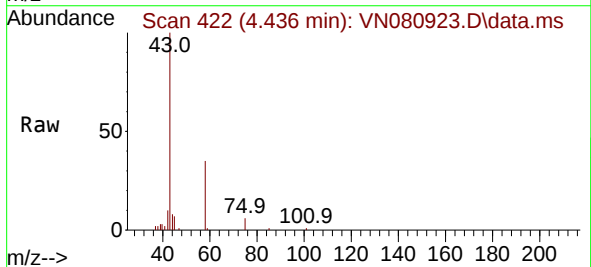
Manual Integrations
APPROVED

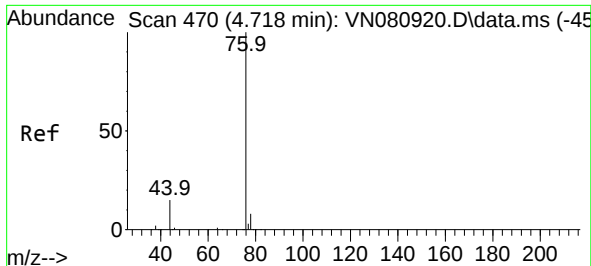
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#16
Acetone
Concen: 27.748 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

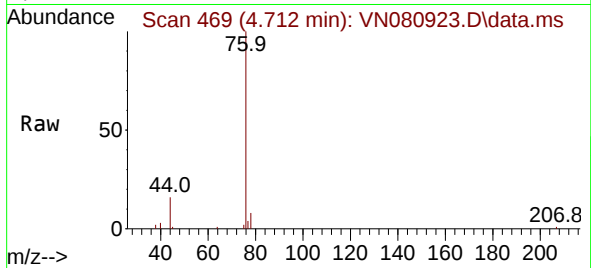
Tgt Ion: 43 Resp: 49096
Ion Ratio Lower Upper
43 100
58 34.6 24.8 37.2





#17
Carbon Disulfide
Concen: 5.246 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

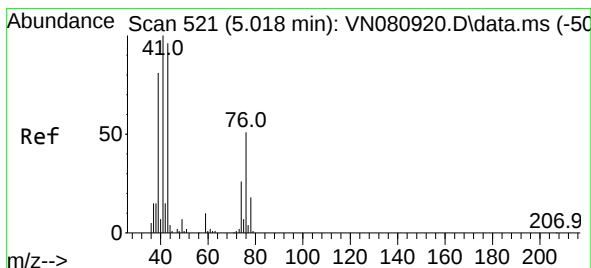
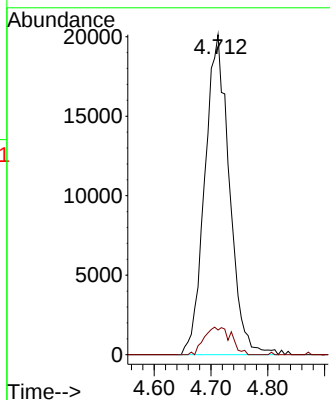
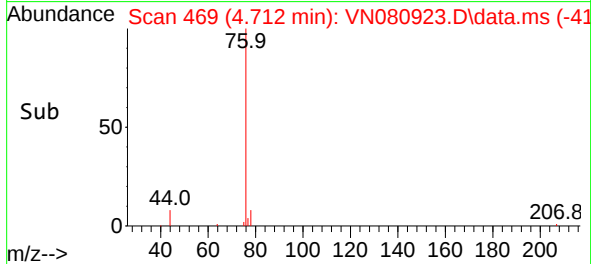
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 60470
Ion Ratio Lower Upper
76 100
78 7.7 6.3 9.5

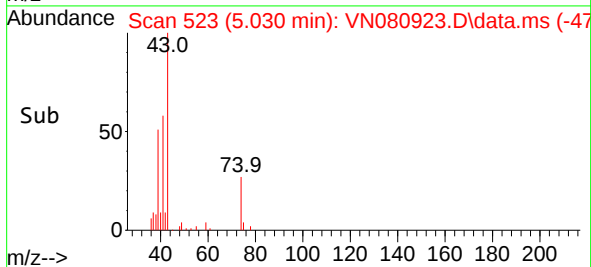
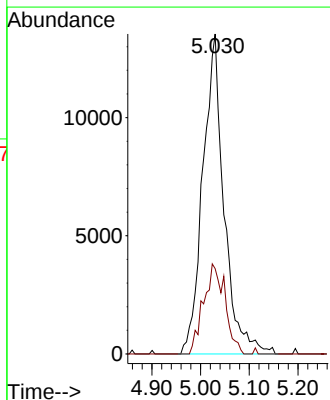
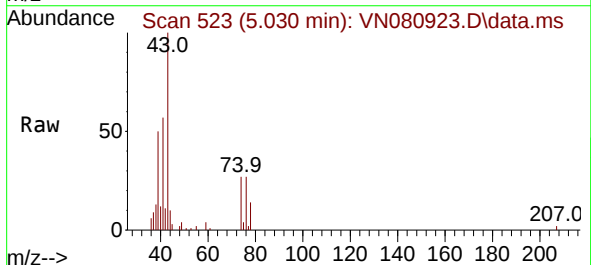
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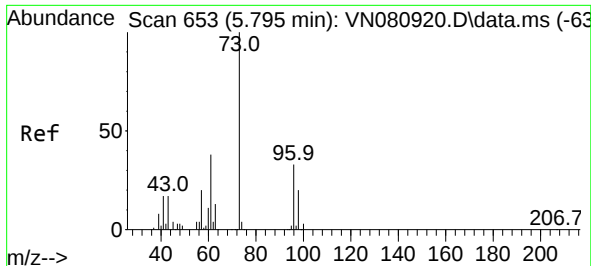
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#18
Methyl Acetate
Concen: 5.140 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion: 43 Resp: 40880
Ion Ratio Lower Upper
43 100
74 28.6 17.3 25.9#





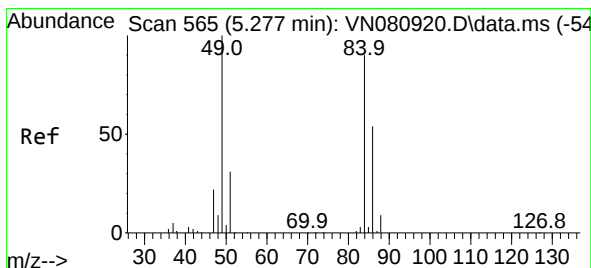
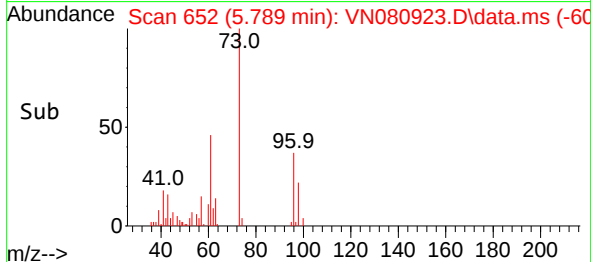
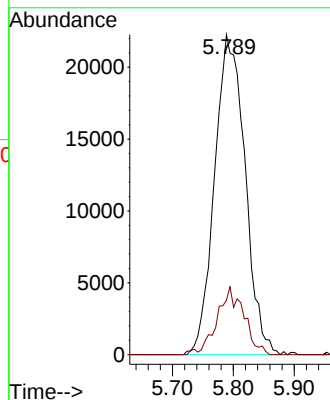
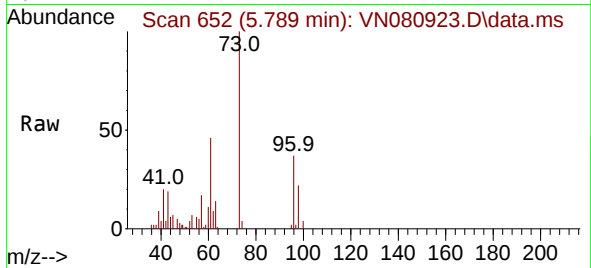
#19
Methyl tert-butyl Ether
Concen: 5.071 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 7720
Ion Ratio Lower Upper
73 100
57 17.0 18.2 27.4

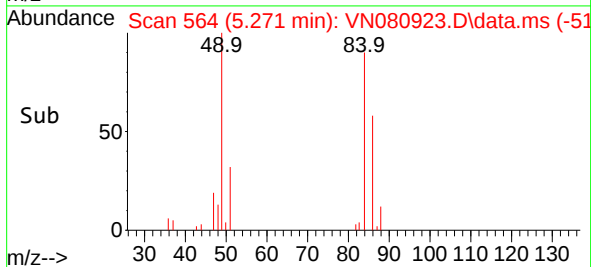
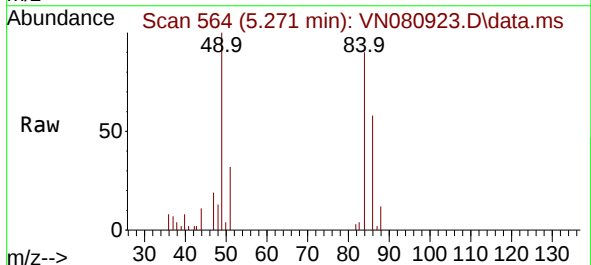
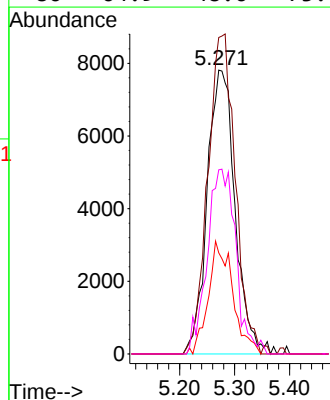
Manual Integrations
APPROVED

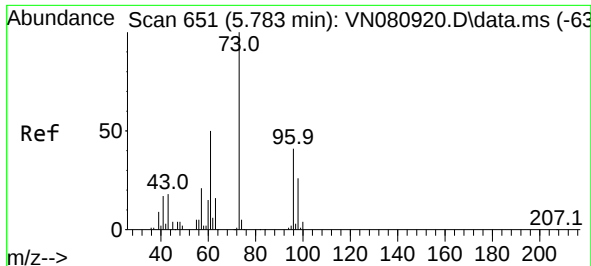
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#20
Methylene Chloride
Concen: 5.147 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

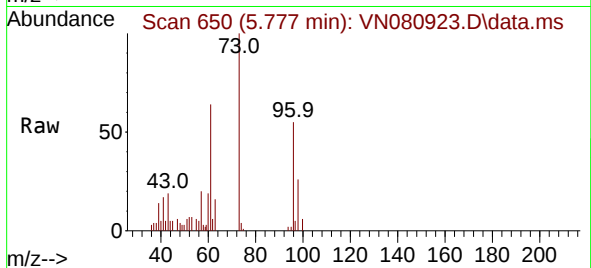
Tgt Ion: 84 Resp: 27590
Ion Ratio Lower Upper
84 100
49 111.5 108.1 162.1
51 35.6 32.9 49.3
86 64.9 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 5.182 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

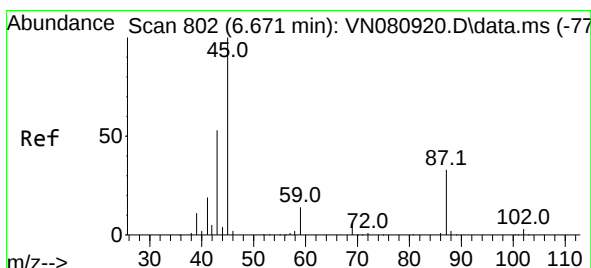
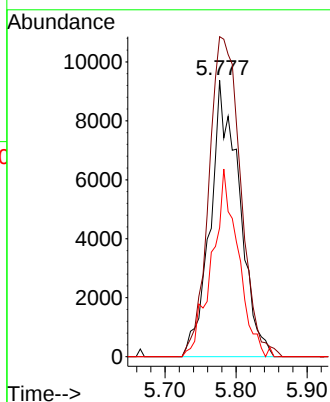
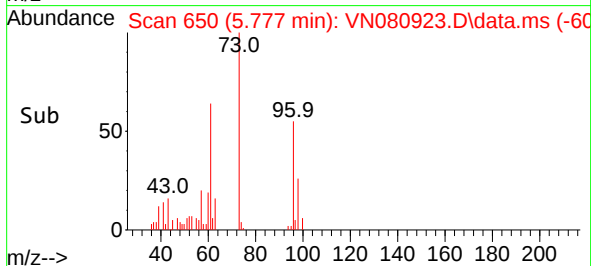
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 2658
Ion Ratio Lower Upper
96 100
61 115.8 112.8 169.2
98 46.7 51.0 76.4

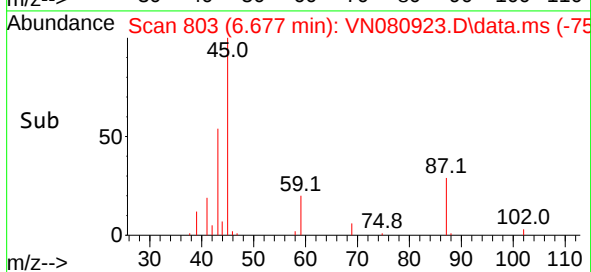
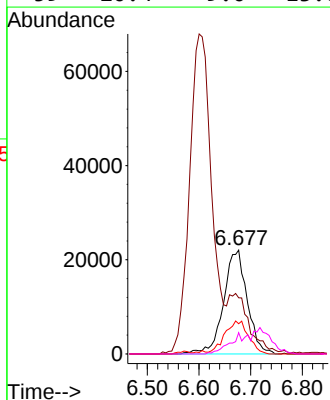
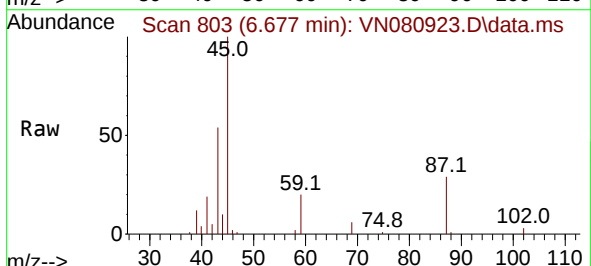
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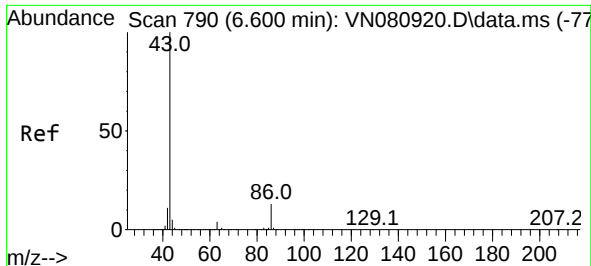
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#22
Diisopropyl ether
Concen: 4.972 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion: 45 Resp: 69786
Ion Ratio Lower Upper
45 100
43 51.7 41.8 62.8
87 29.2 18.1 27.1#
59 20.4 9.0 13.6#





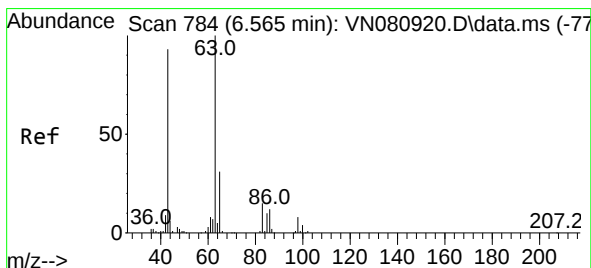
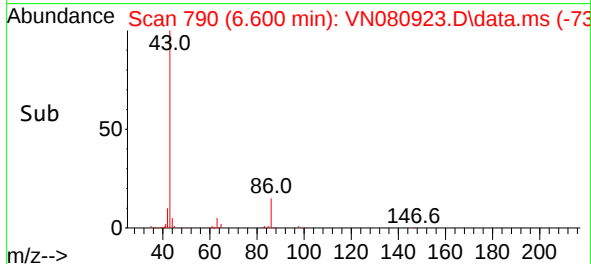
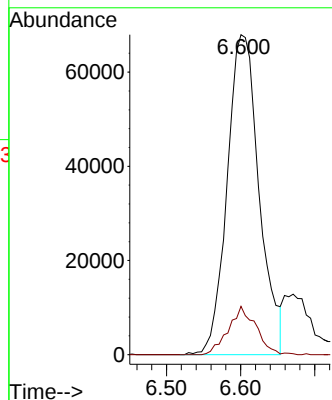
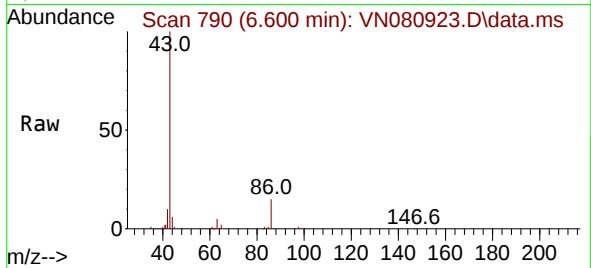
#23
 Vinyl Acetate
 Concen: 22.046 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080923.D
 Acq: 06 Feb 2024 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 203915
 Ion Ratio Lower Upper
 43 100
 86 15.1 7.1 10.7

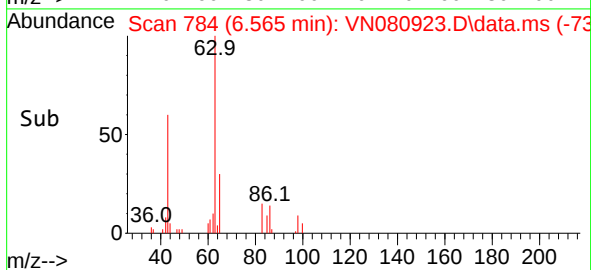
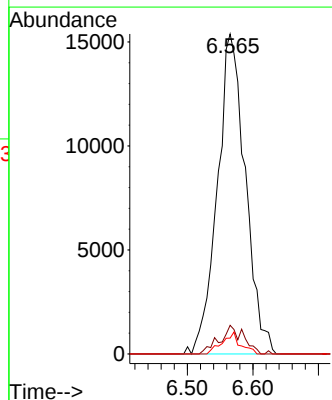
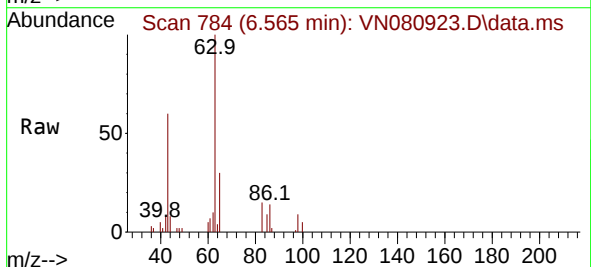
Manual Integrations
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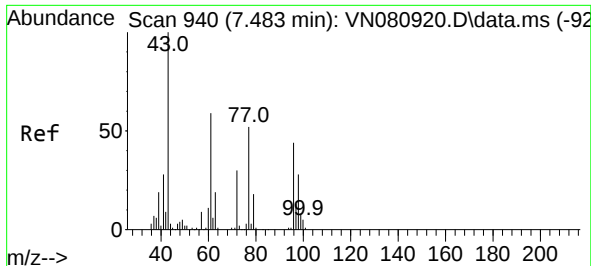
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024



#24
 1,1-Dichloroethane
 Concen: 4.988 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080923.D
 Acq: 06 Feb 2024 17:21

Tgt Ion: 63 Resp: 45598
 Ion Ratio Lower Upper
 63 100
 98 9.0 2.9 8.6#
 100 5.0 1.9 5.7





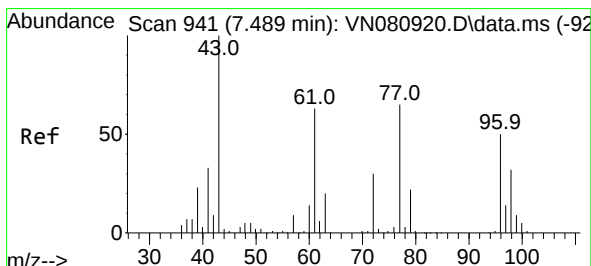
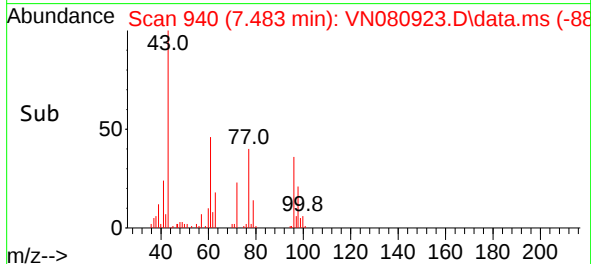
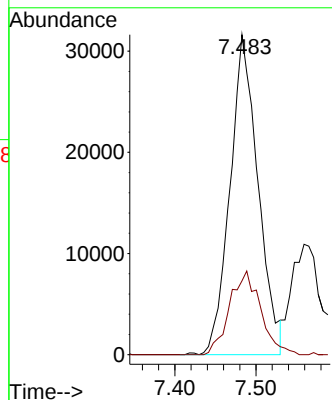
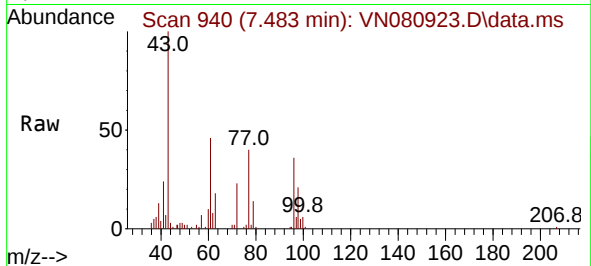
#25
2-Butanone
Concen: 26.747 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 7596
Ion Ratio Lower Upper
43 100
72 23.0 19.5 29.3

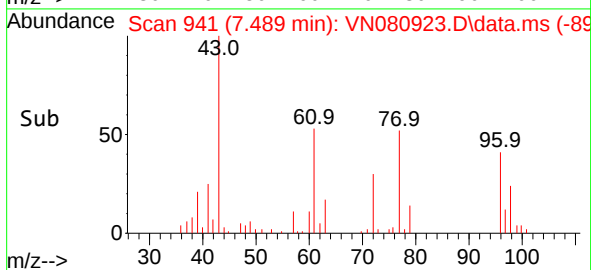
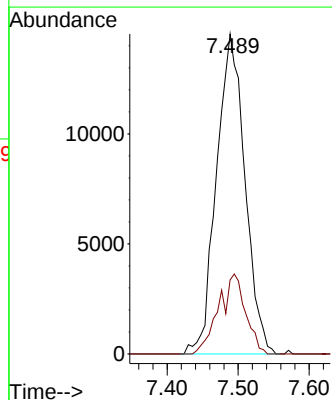
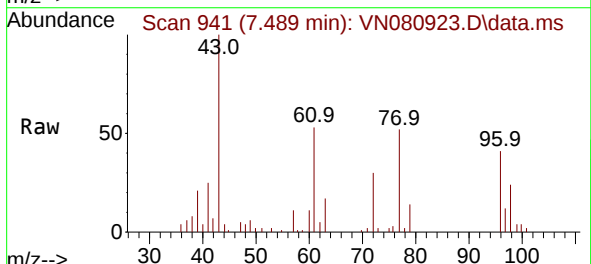
Manual Integrations
APPROVED

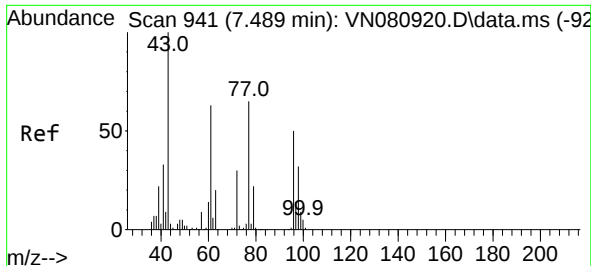
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#26
2,2-Dichloropropane
Concen: 4.841 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion: 77 Resp: 40469
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5





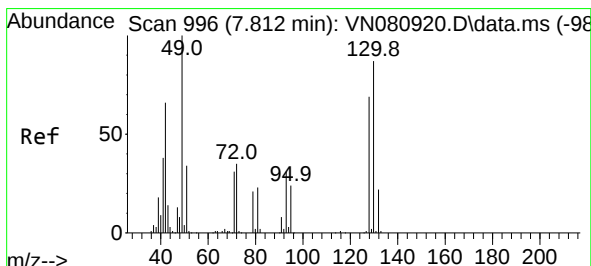
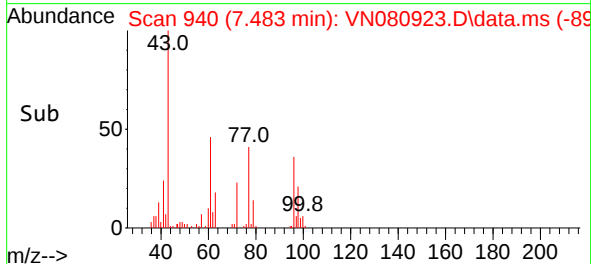
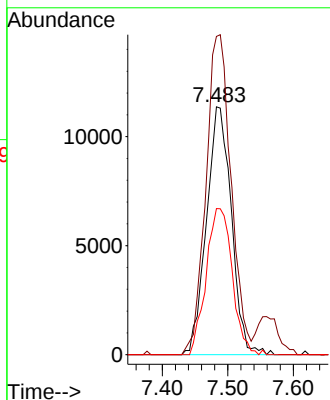
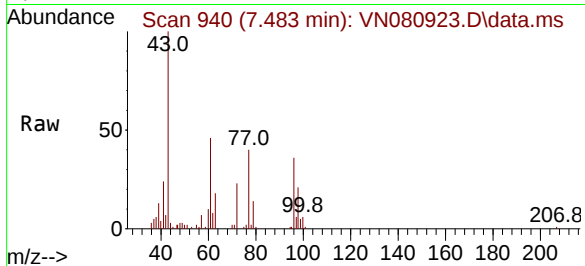
#27
 cis-1,2-Dichloroethene
 Concen: 5.033 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080923.D
 Acq: 06 Feb 2024 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Tgt Ion: 96 Resp: 3000
 Ion Ratio Lower Upper
 96 100
 61 130.5 0.0 325.4
 98 61.5 0.0 130.4

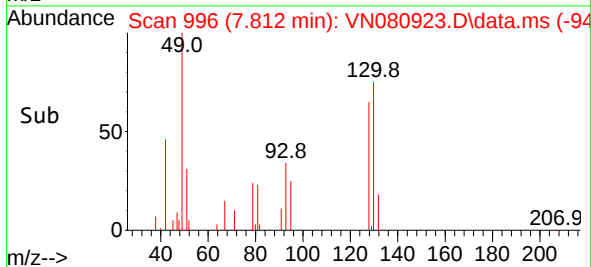
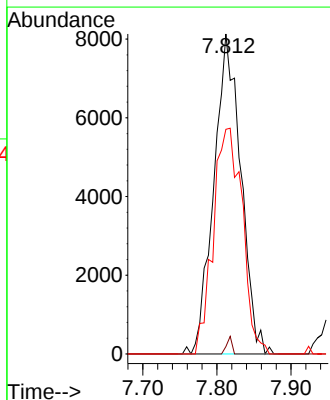
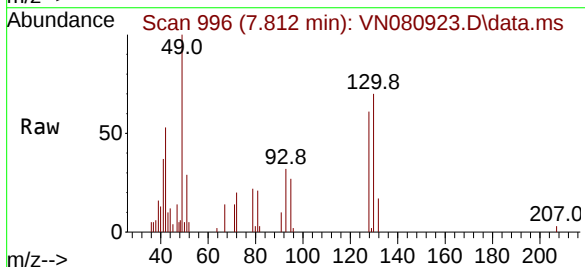
Manual Integrations
 APPROVED

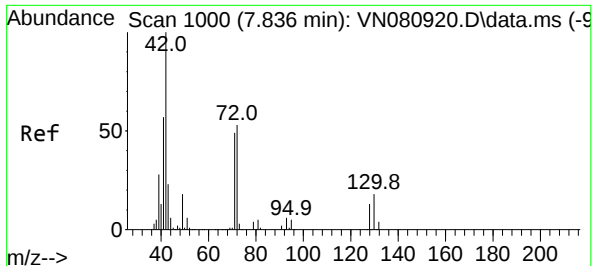
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024



#28
 Bromochloromethane
 Concen: 5.406 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN080923.D
 Acq: 06 Feb 2024 17:21

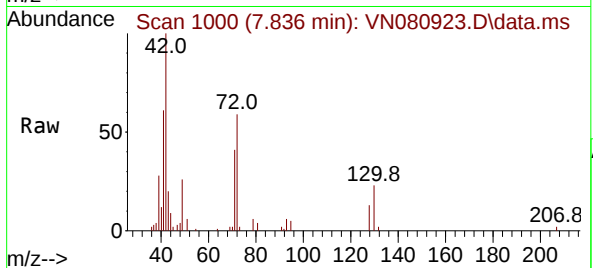
Tgt Ion: 49 Resp: 20562
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 1.6
 130 75.9 42.3 63.5#





#29
Tetrahydrofuran
Concen: 24.604 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

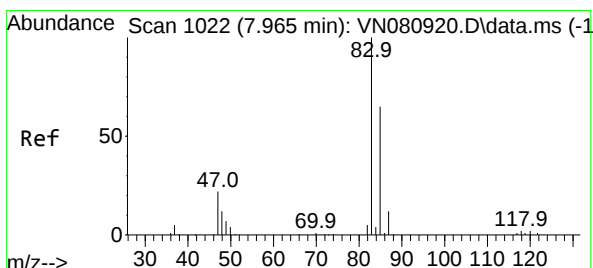
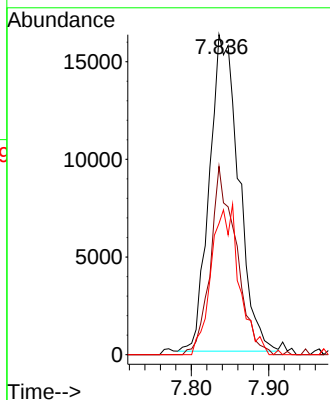
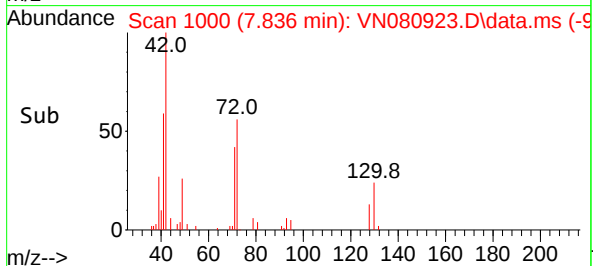
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



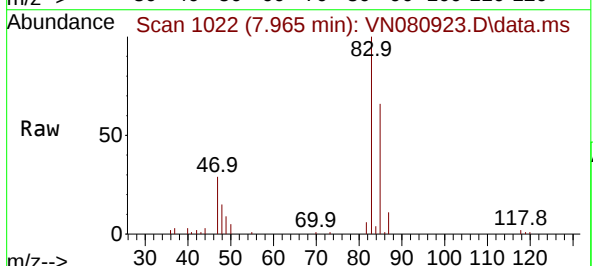
Tgt Ion: 42 Resp: 42720
Ion Ratio Lower Upper
42 100
72 52.1 31.1 46.7
71 44.8 28.3 42.5

Manual Integrations
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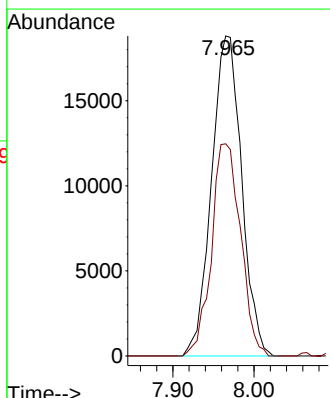
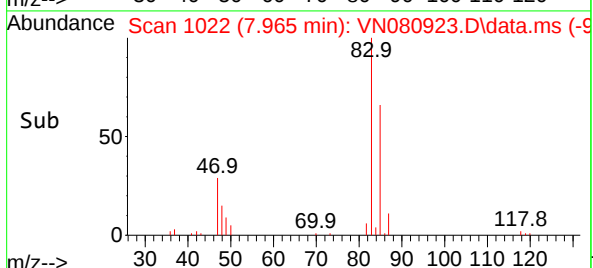
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

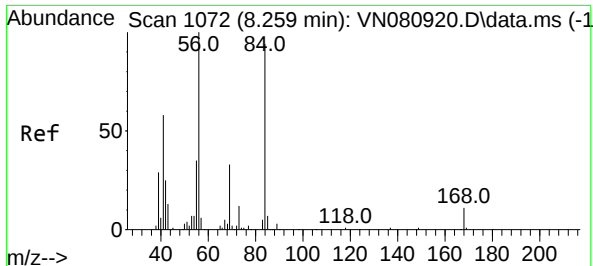


#30
Chloroform
Concen: 4.796 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21



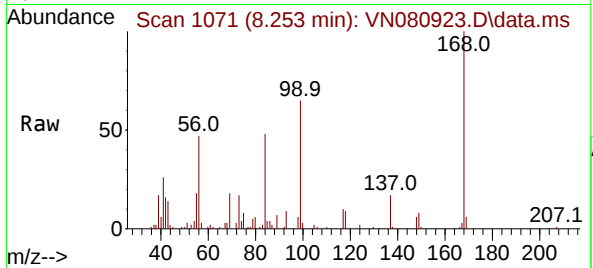
Tgt Ion: 83 Resp: 48450
Ion Ratio Lower Upper
83 100
85 66.3 51.0 76.6





#31
Cyclohexane
Concen: 6.043 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

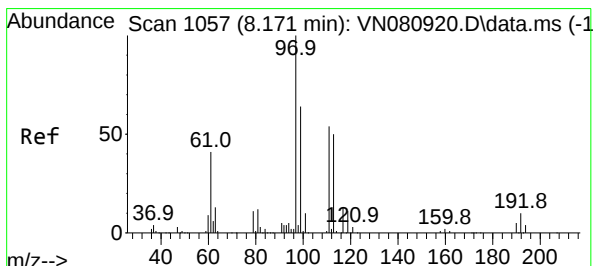
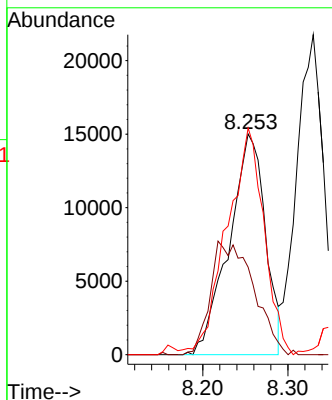
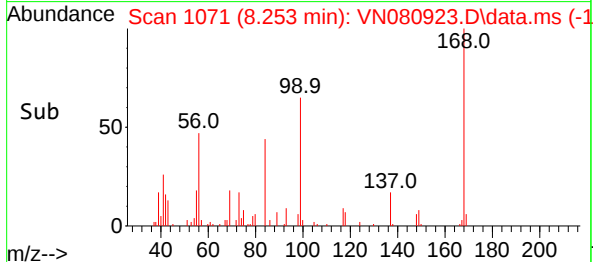
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



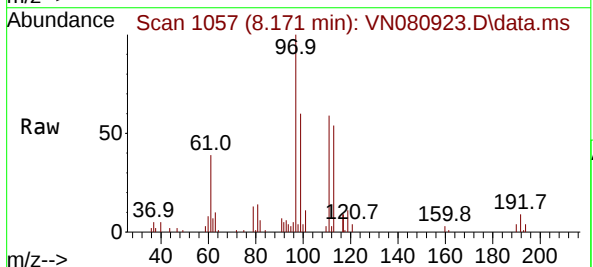
Tgt Ion: 56 Resp: 4441
Ion Ratio Lower Upper
56 100
69 39.6 20.1 30.1
84 100.9 56.9 85.3

Manual Integrations
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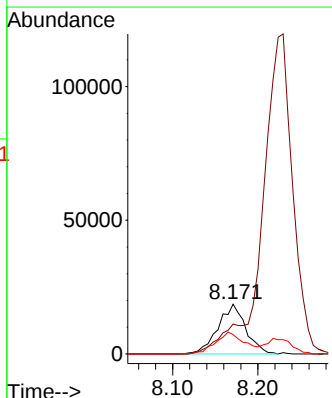
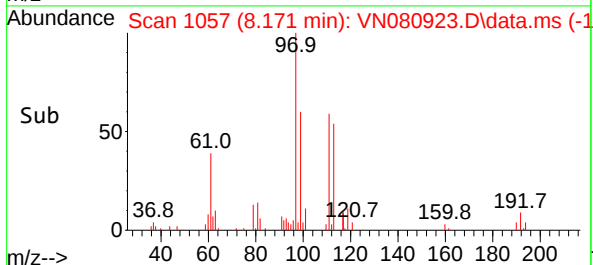
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

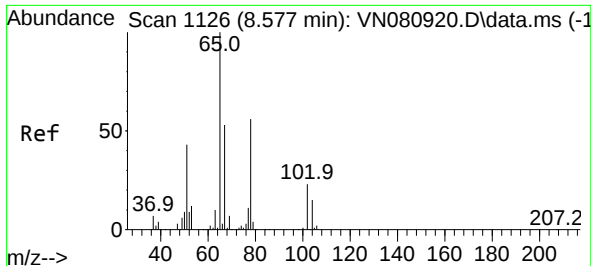


#32
1,1,1-Trichloroethane
Concen: 4.826 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21



Tgt Ion: 97 Resp: 42249
Ion Ratio Lower Upper
97 100
99 0.0 53.4 80.0
61 45.7 43.8 65.8





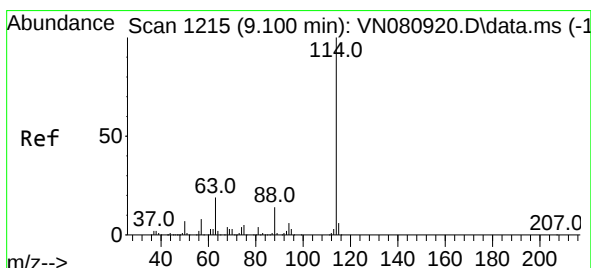
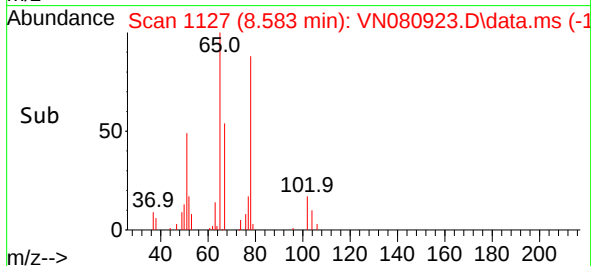
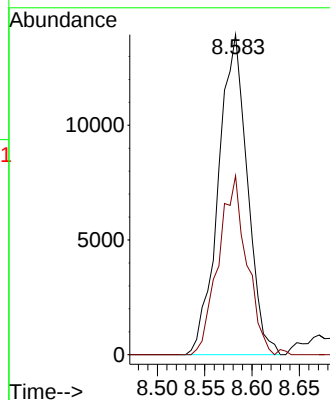
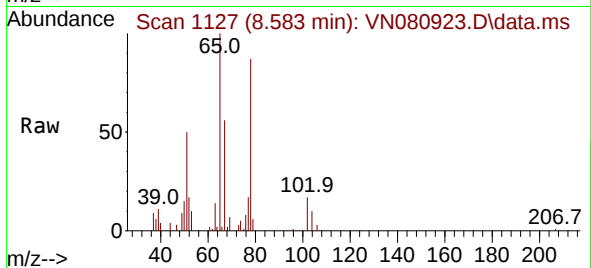
#33
1,2-Dichloroethane-d4
Concen: 5.538 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 2978
Ion Ratio Lower Upper
65 100
67 54.4 0.0 102.4

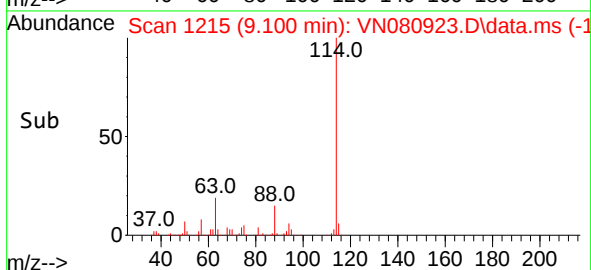
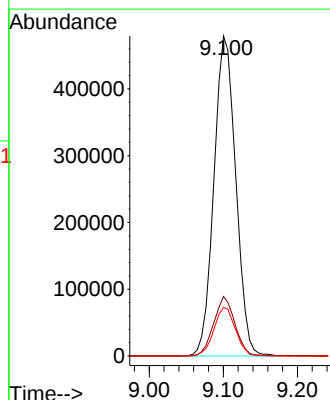
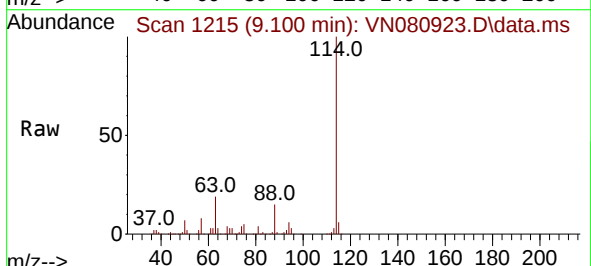
Manual Integrations
APPROVED

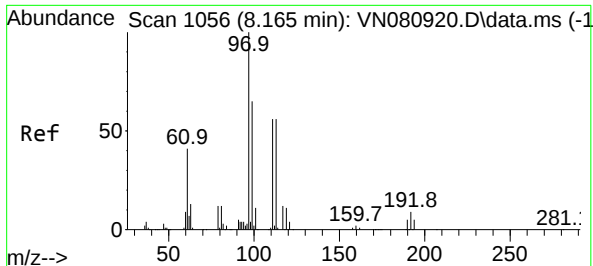
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

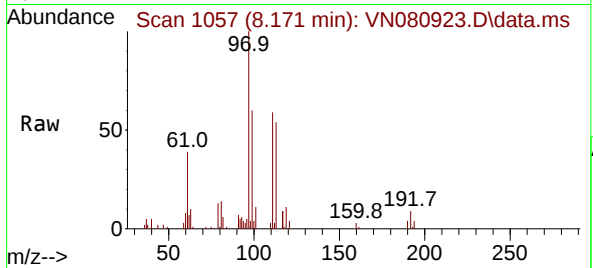
Tgt Ion:114 Resp: 980949
Ion Ratio Lower Upper
114 100
63 18.6 0.0 48.0
88 15.2 0.0 34.8





#35
Dibromofluoromethane
Concen: 4.860 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

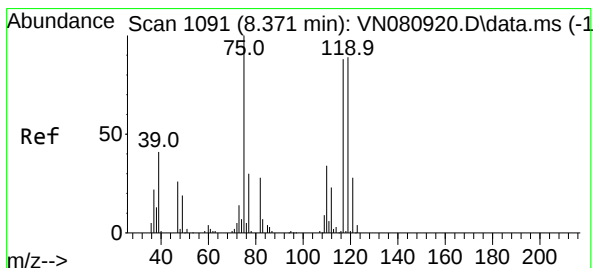
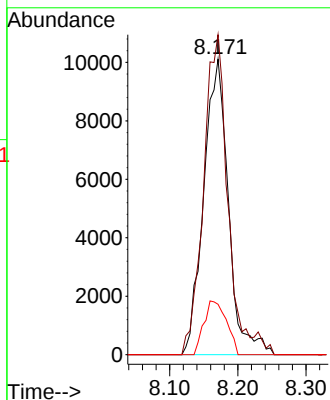
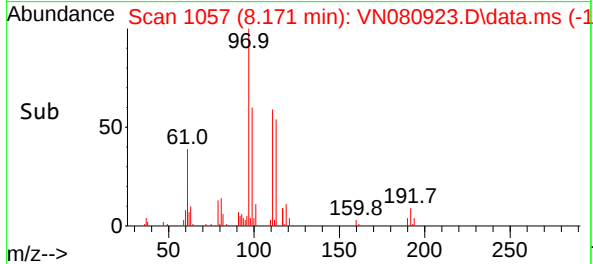
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 25584
Ion Ratio Lower Upper
113 100
111 106.7 82.2 123.4
192 16.6 12.5 18.7

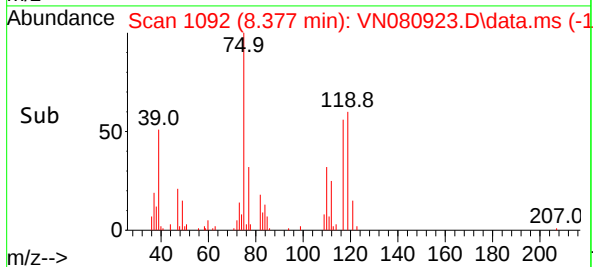
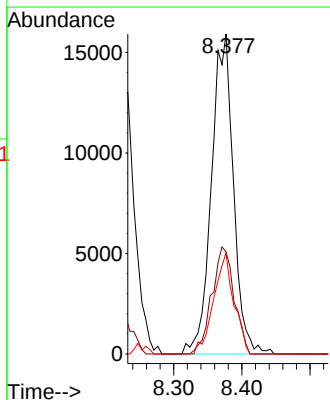
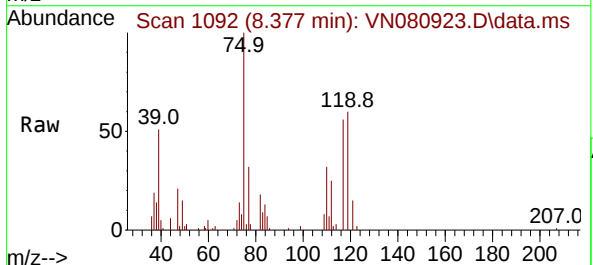
Manual Integrations
APPROVED

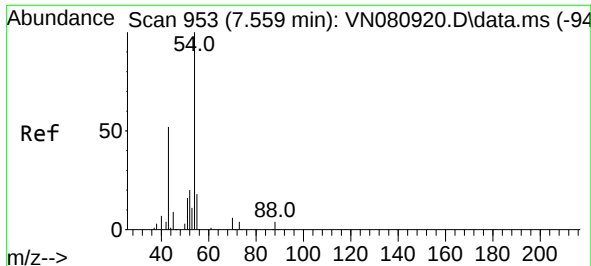
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#36
1,1-Dichloropropene
Concen: 4.571 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion: 75 Resp: 35793
Ion Ratio Lower Upper
75 100
110 33.8 16.0 48.0
77 29.0 25.8 38.6





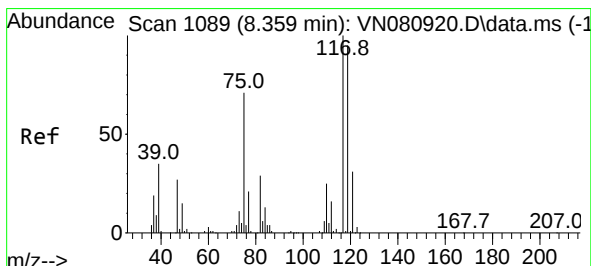
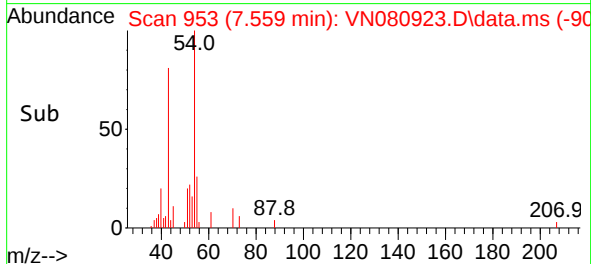
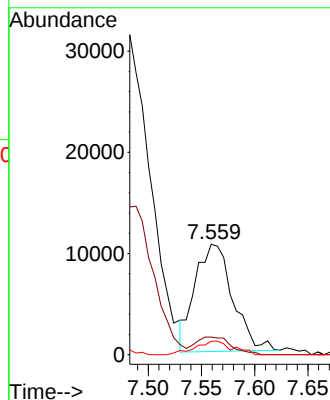
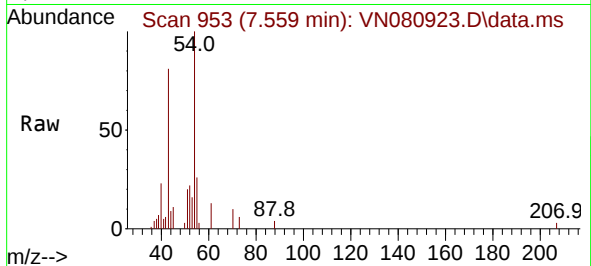
#37
Ethyl Acetate
Concen: 4.397 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 2605
Ion Ratio Lower Upper
43 100
61 15.5 10.6 15.8
70 12.5 8.0 12.0

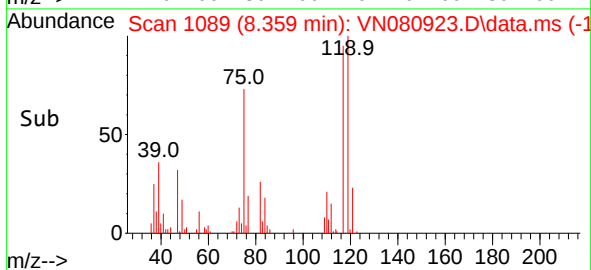
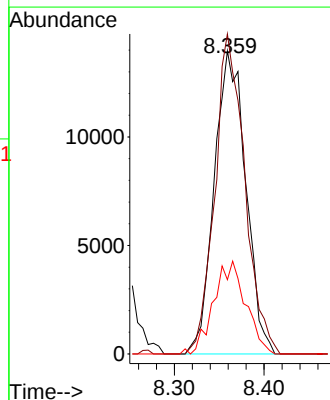
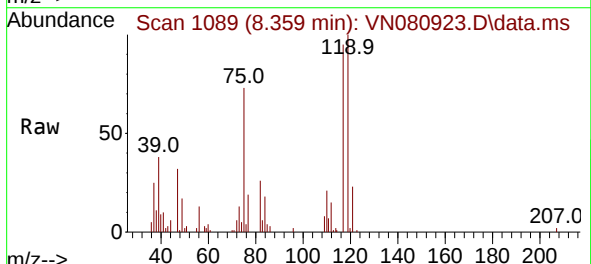
Manual Integrations
APPROVED

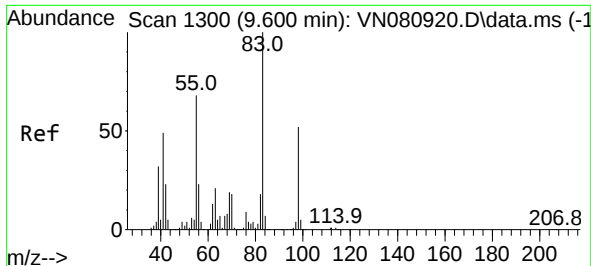
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#38
Carbon Tetrachloride
Concen: 4.237 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion:117 Resp: 34008
Ion Ratio Lower Upper
117 100
119 105.6 73.4 110.2
121 24.5 24.4 36.6





#39

Methylcyclohexane

Concen: 4.765 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

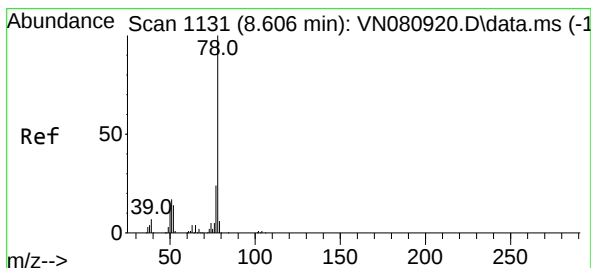
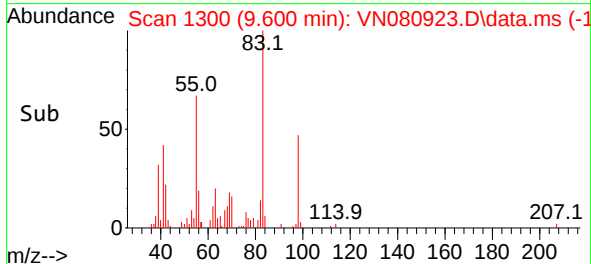
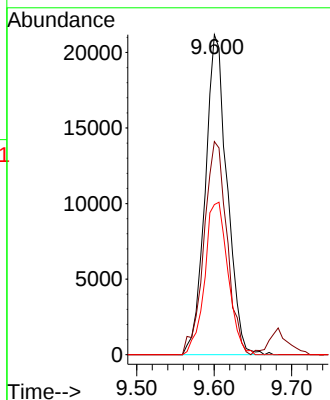
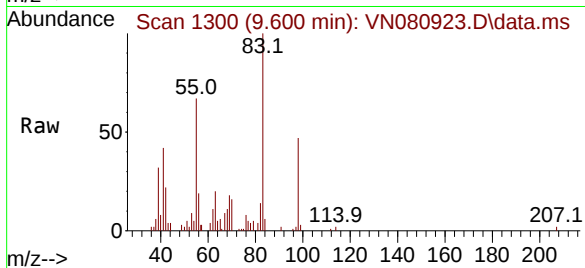
Tgt Ion:	83	Resp:	4158
Ion Ratio	Lower	Upper	
83	100		
55	66.6	65.7	98.5
98	46.9	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#40

Benzene

Concen: 4.471 ug/l

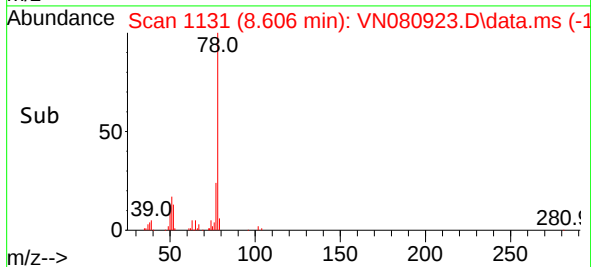
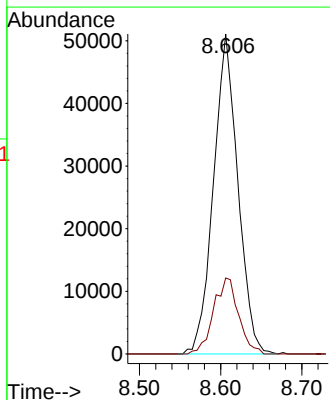
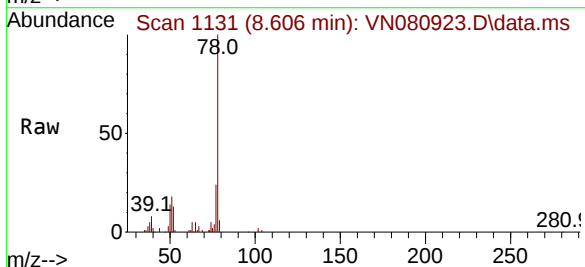
RT: 8.606 min Scan# 1131

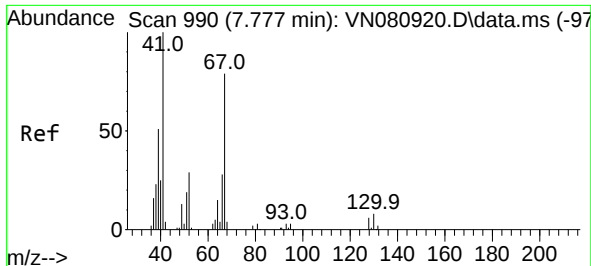
Delta R.T. -0.000 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

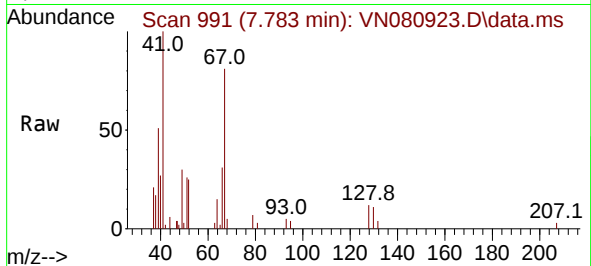
Tgt Ion:	78	Resp:	106571
Ion Ratio	Lower	Upper	
78	100		
77	23.8	20.4	30.6





#41
Methacrylonitrile
Concen: 4.654 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

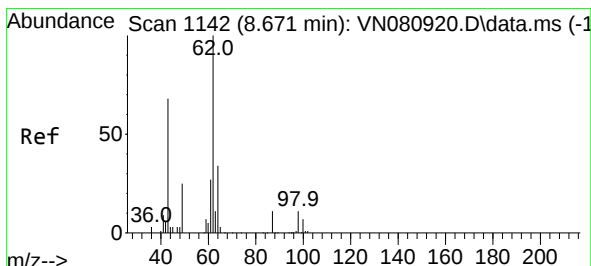
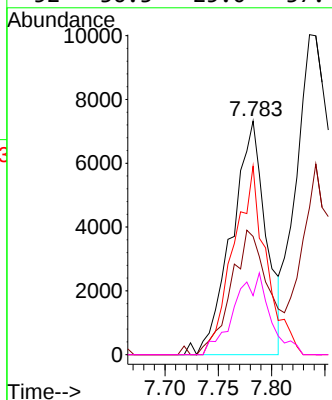
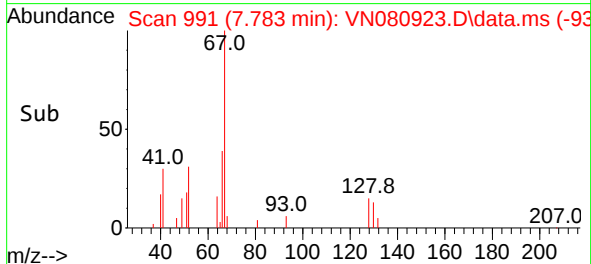
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 16434
Ion Ratio Lower Upper
41 100
39 58.5 48.4 72.6
67 77.1 56.8 85.2
52 36.3 25.0 37.4

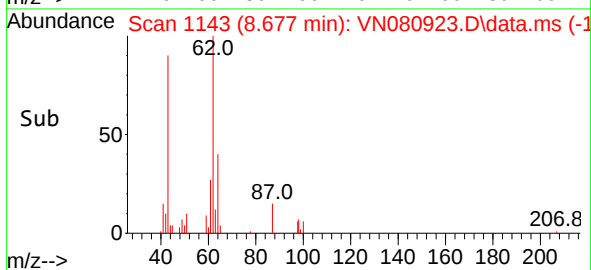
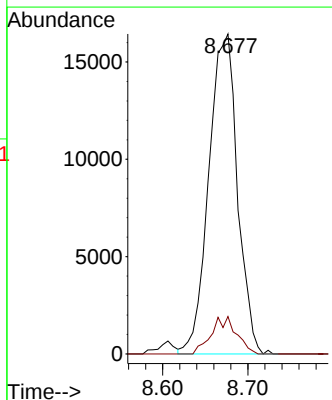
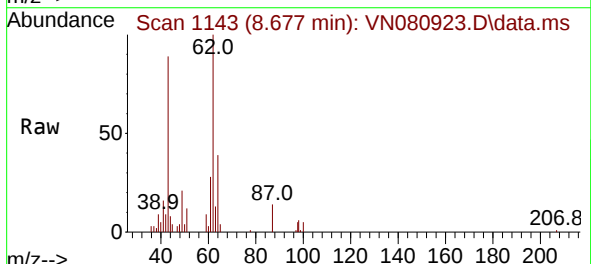
Manual Integrations
APPROVED

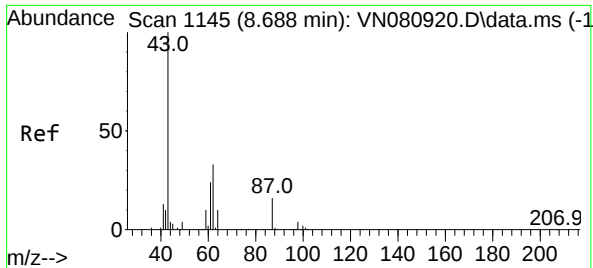
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#42
1,2-Dichloroethane
Concen: 4.640 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion: 62 Resp: 38505
Ion Ratio Lower Upper
62 100
98 10.2 0.0 18.0





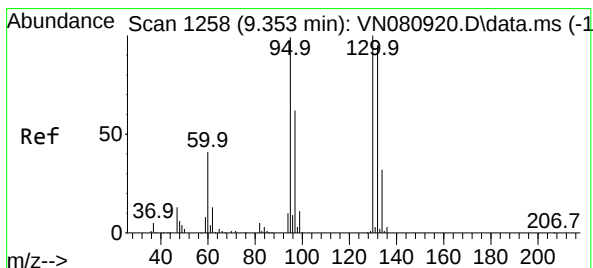
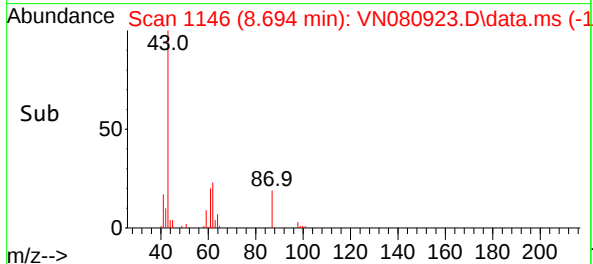
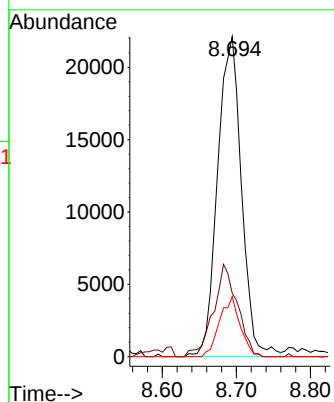
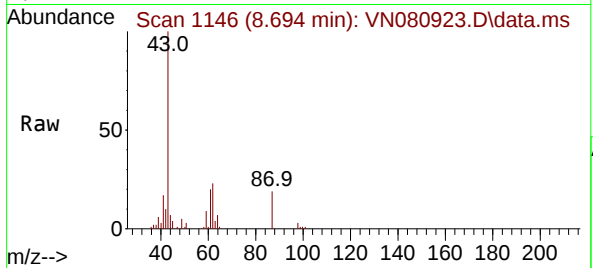
#43
Isopropyl Acetate
Concen: 4.555 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 49632
Ion Ratio Lower Upper
43 100
61 28.9 19.9 29.9
87 16.2 9.0 13.6

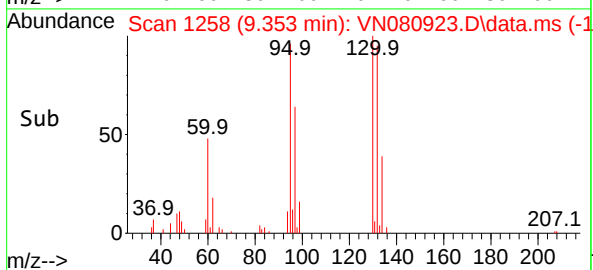
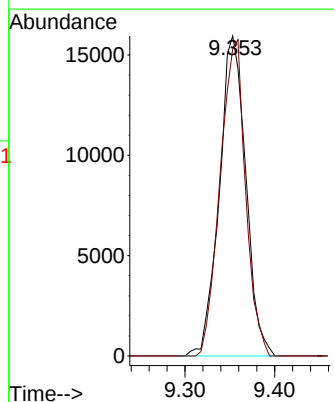
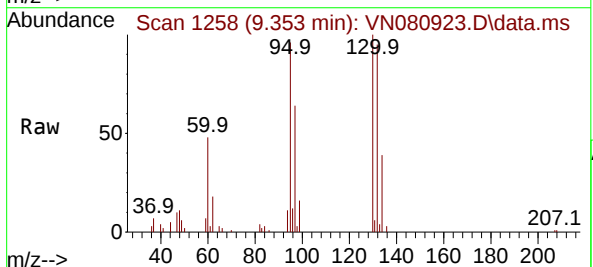
Manual Integrations
APPROVED

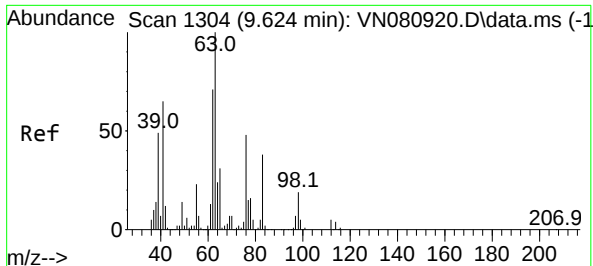
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#44
Trichloroethene
Concen: 4.511 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion:130 Resp: 32662
Ion Ratio Lower Upper
130 100
95 96.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 4.678 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 3008

Ion Ratio Lower Upper

63 100

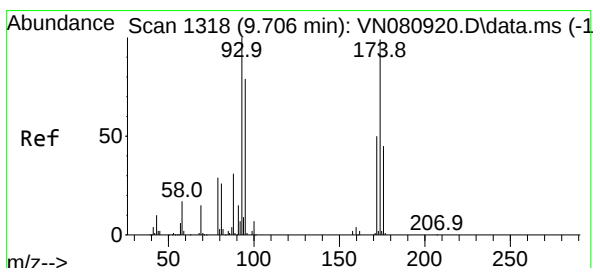
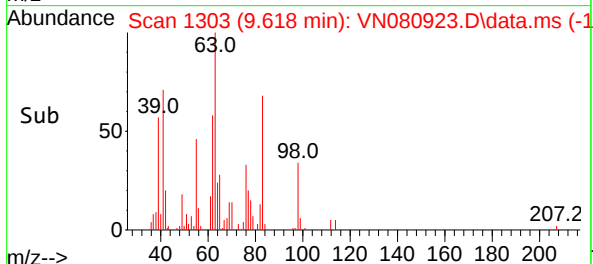
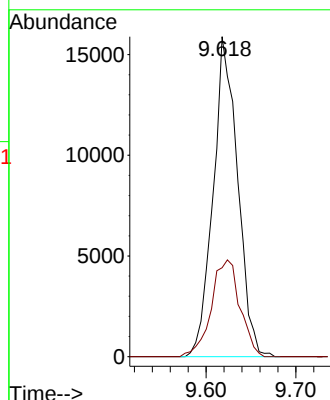
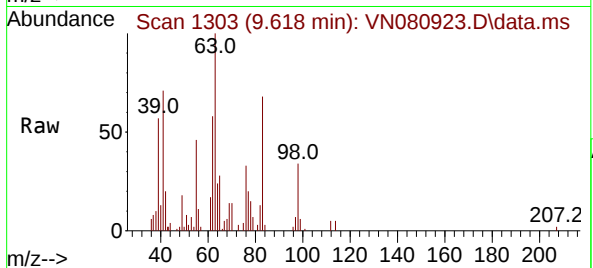
65 27.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#46

Dibromomethane

Concen: 4.826 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

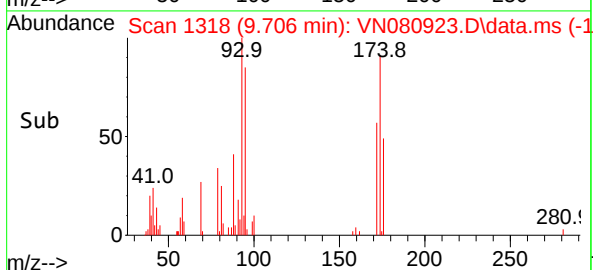
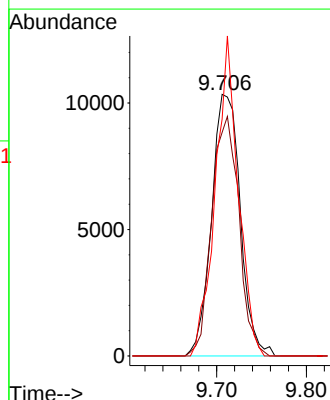
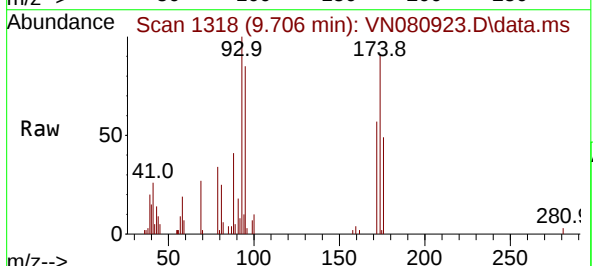
Tgt Ion: 93 Resp: 22952

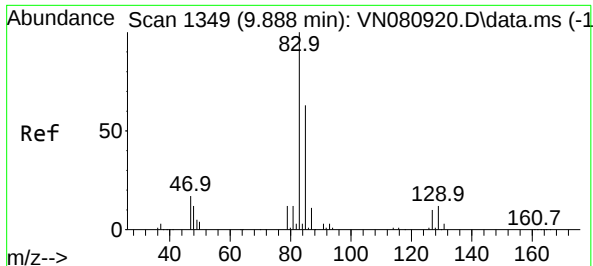
Ion Ratio Lower Upper

93 100

95 87.3 68.1 102.1

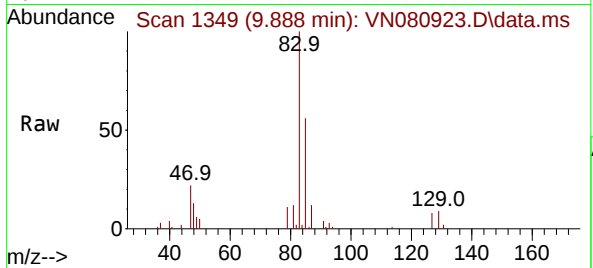
174 97.7 57.2 85.8#





#47
Bromodichloromethane
Concen: 4.418 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

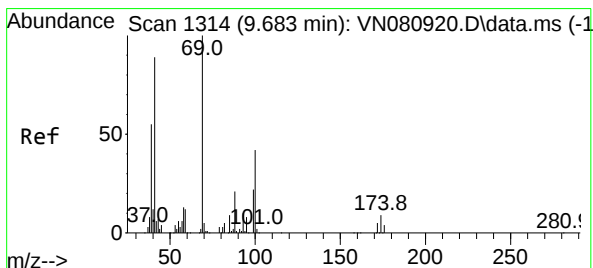
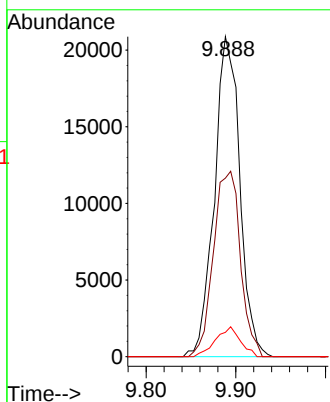
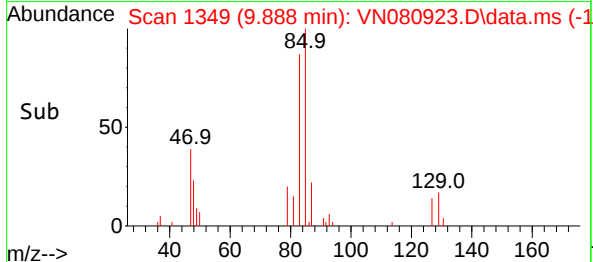
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



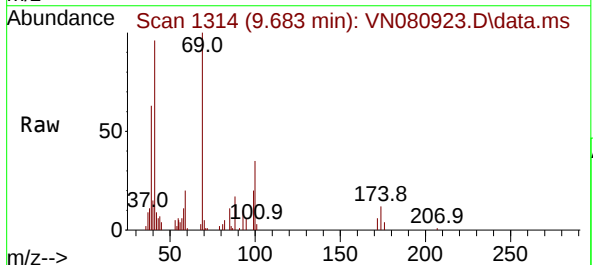
Tgt Ion: 83 Resp: 41093
Ion Ratio Lower Upper
83 100
85 55.8 52.3 78.5
127 7.6 4.6 7.0

Manual Integrations
APPROVED

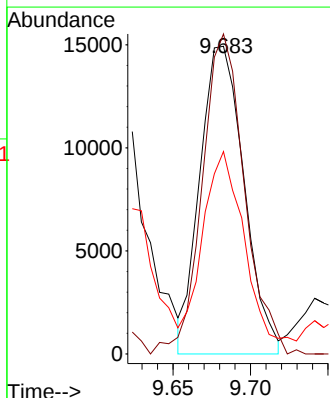
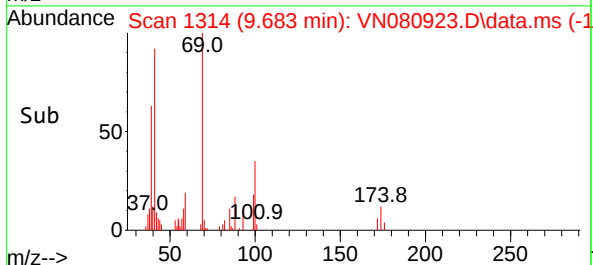
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

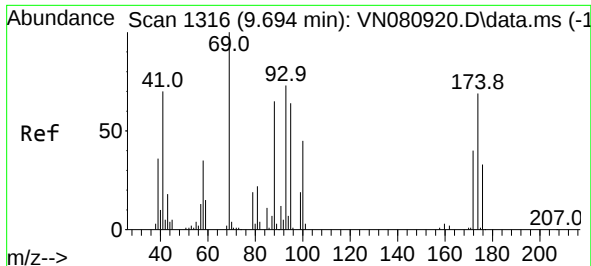


#48
Methyl methacrylate
Concen: 4.816 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21



Tgt Ion: 41 Resp: 29564
Ion Ratio Lower Upper
41 100
69 99.5 62.2 93.2#
39 63.1 47.6 71.4





#49

1,4-Dioxane

Concen: 92.574 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN080923.D

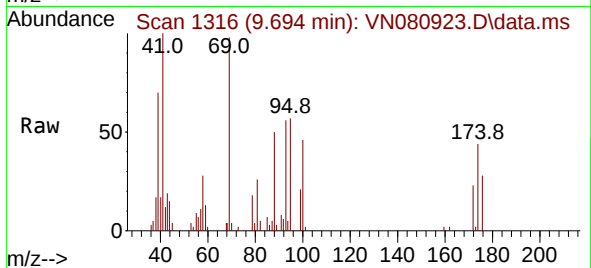
Acq: 06 Feb 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



Tgt Ion: 88 Resp: 1049

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1

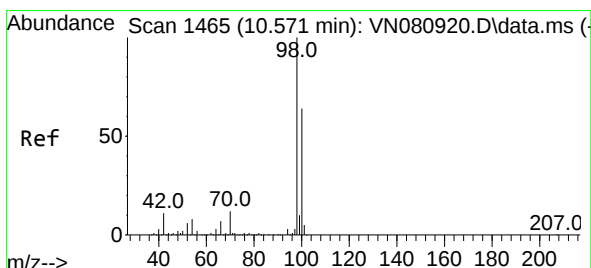
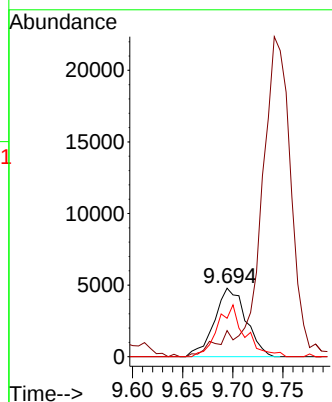
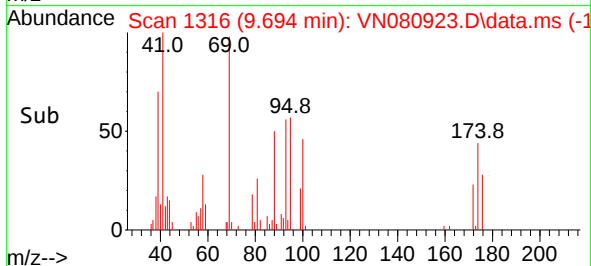
58 65.0 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#50

Toluene-d8

Concen: 4.738 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN080923.D

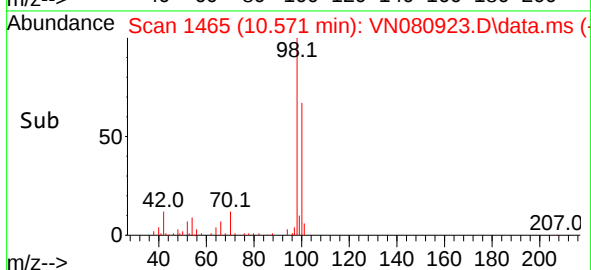
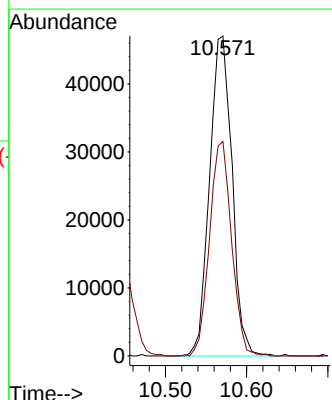
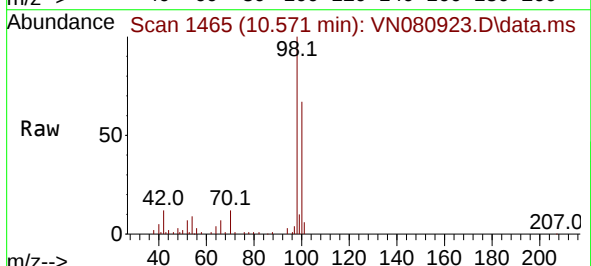
Acq: 06 Feb 2024 17:21

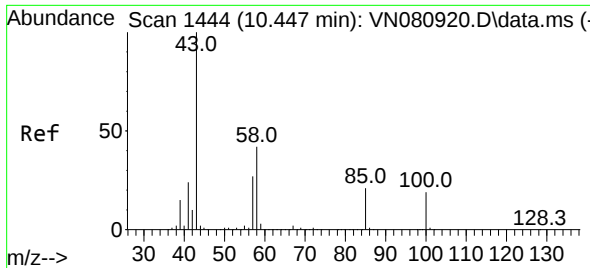
Tgt Ion: 98 Resp: 90210

Ion Ratio Lower Upper

98 100

100 66.1 51.4 77.0





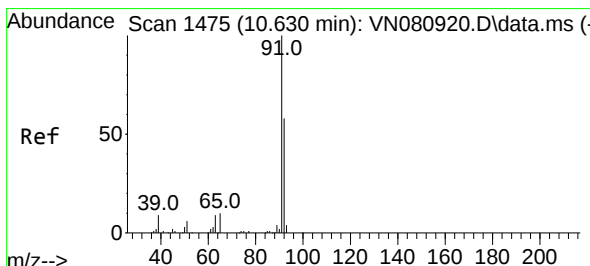
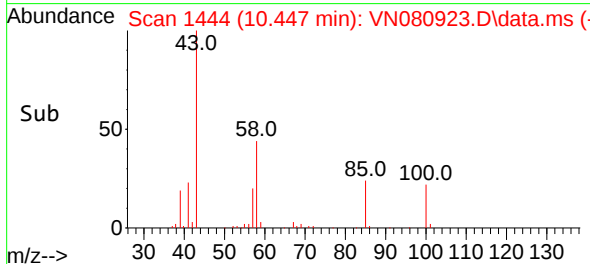
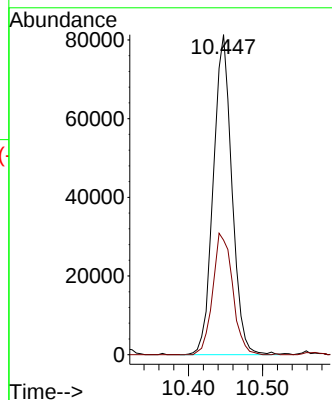
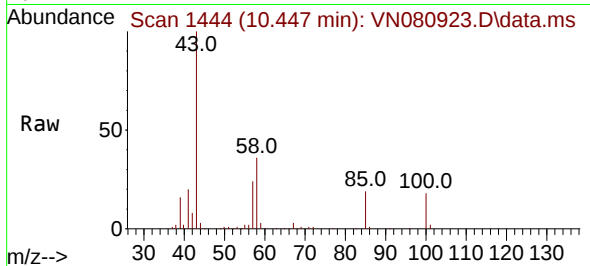
#51
4-Methyl-2-Pentanone
Concen: 21.593 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 141789
Ion Ratio Lower Upper
43 100
58 40.5 29.4 44.0

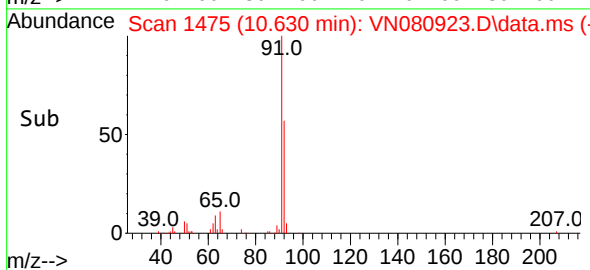
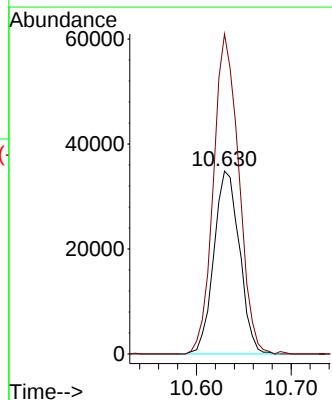
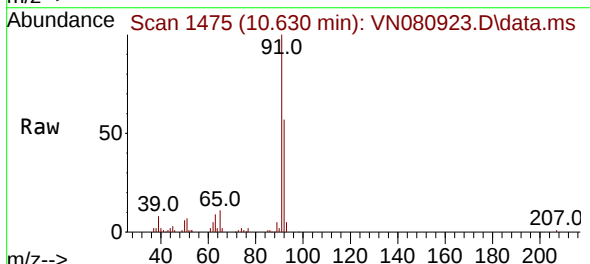
Manual Integrations
APPROVED

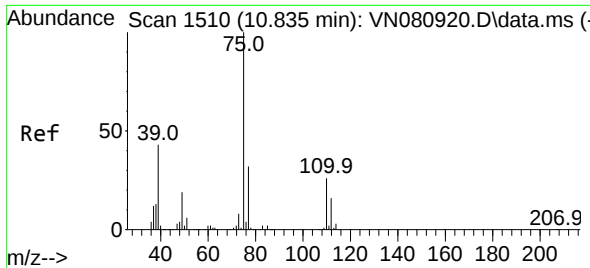
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#52
Toluene
Concen: 4.099 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion: 92 Resp: 65452
Ion Ratio Lower Upper
92 100
91 173.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 3.952 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

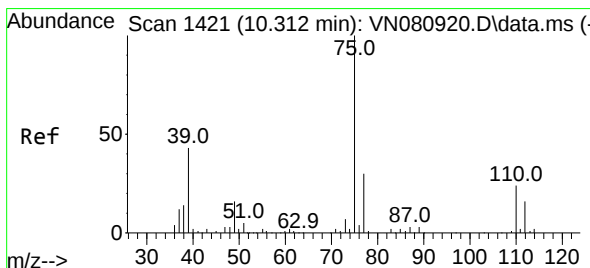
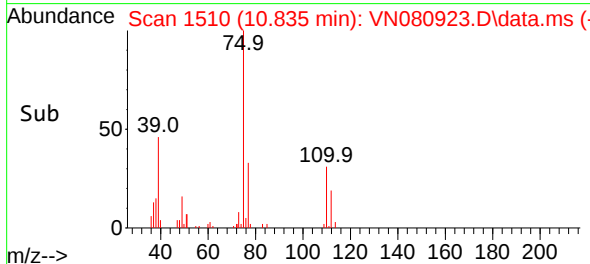
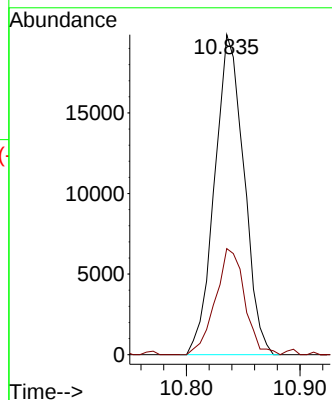
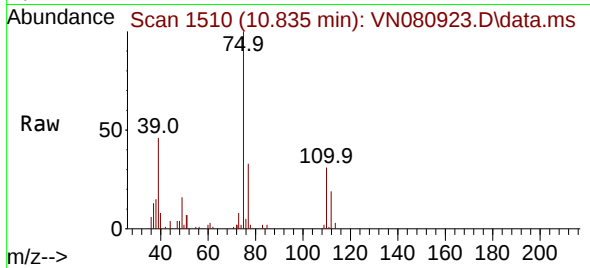
VSTDIC005

Tgt Ion: 75 Resp: 3557
Ion Ratio Lower Upper
75 100
77 33.2 25.5 38.3

Manual Integrations

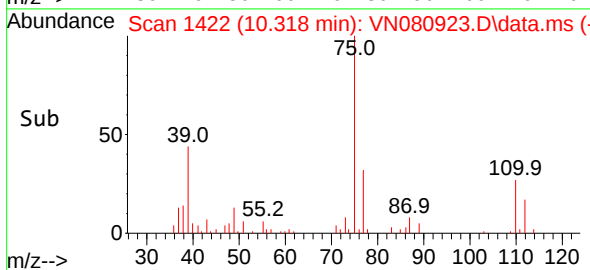
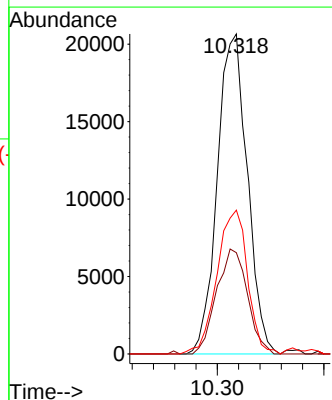
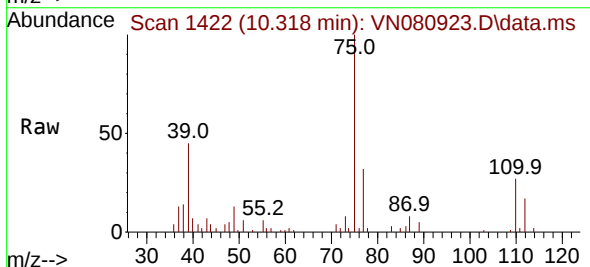
APPROVED

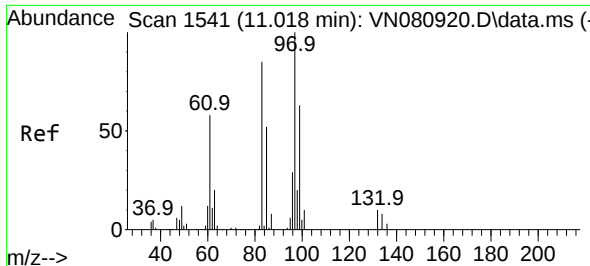
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#54
cis-1,3-Dichloropropene
Concen: 3.998 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

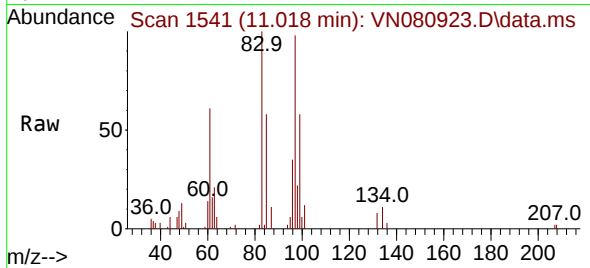
Tgt Ion: 75 Resp: 40392
Ion Ratio Lower Upper
75 100
77 31.7 23.3 34.9
39 45.0 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 4.055 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

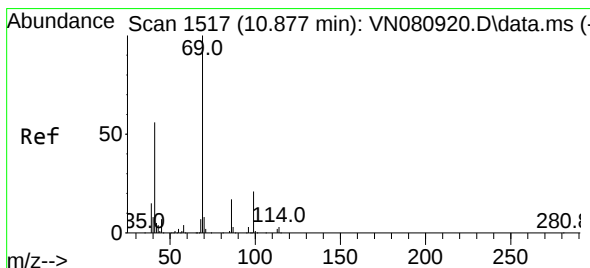
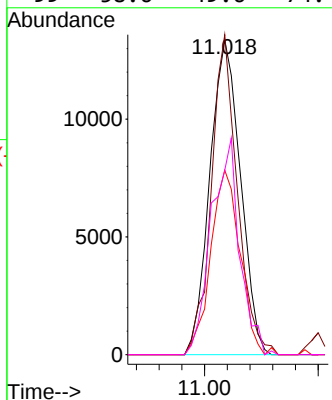
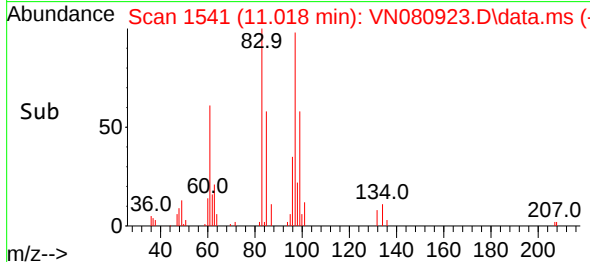
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



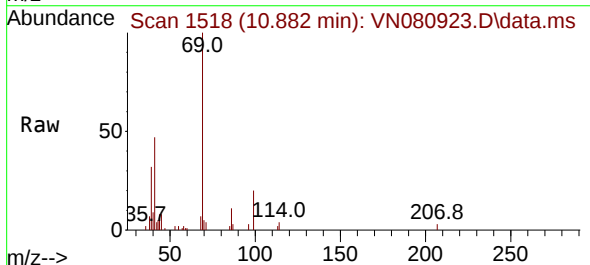
Tgt Ion: 97 Resp: 2502
Ion Ratio Lower Upper
97 100
83 101.7 72.9 109.3
85 58.6 50.2 75.2
99 58.6 49.6 74.4

Manual Integrations
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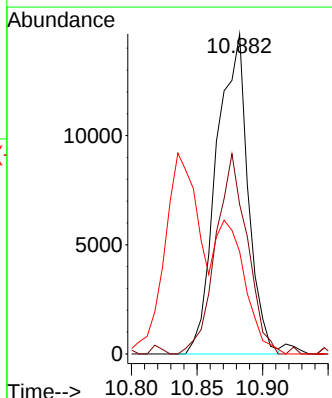
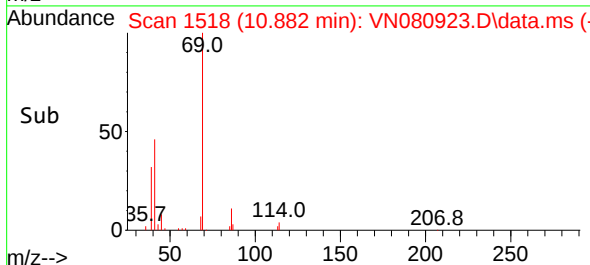
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

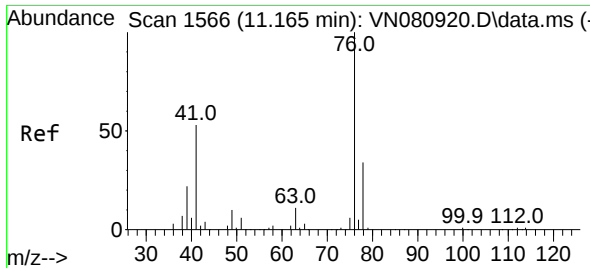


#56
Ethyl methacrylate
Concen: 3.309 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21



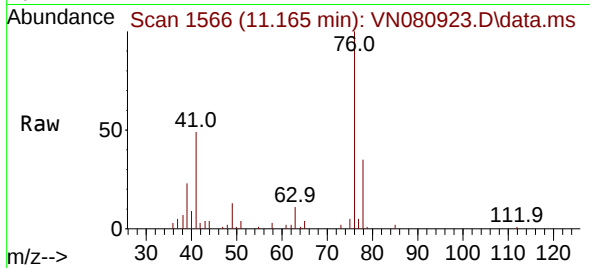
Tgt Ion: 69 Resp: 24429
Ion Ratio Lower Upper
69 100
41 62.8 61.0 91.6
39 39.7 31.8 47.6





#57
1,3-Dichloropropane
Concen: 4.225 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

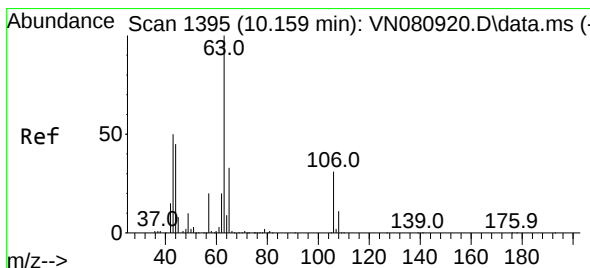
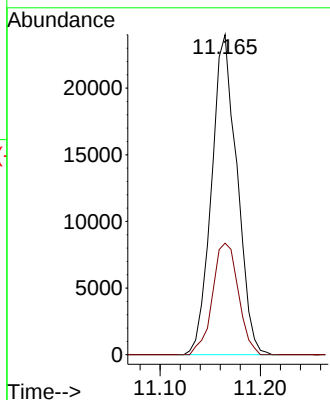
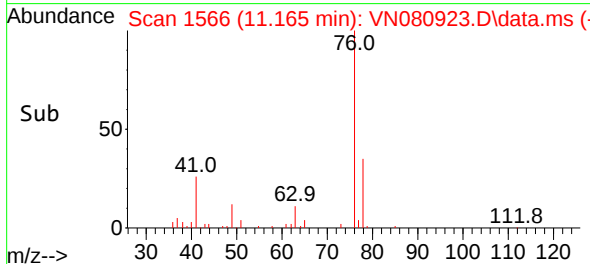
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 42290
Ion Ratio Lower Upper
76 100
78 35.4 25.5 38.3

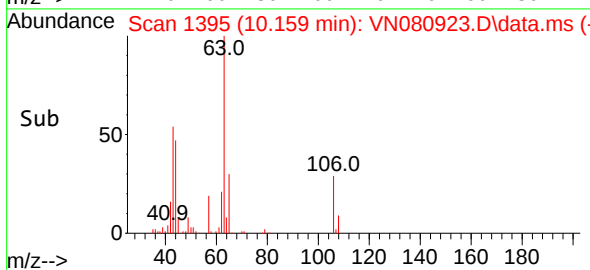
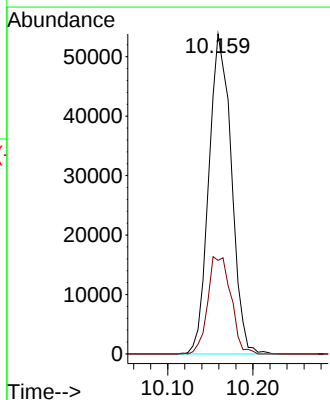
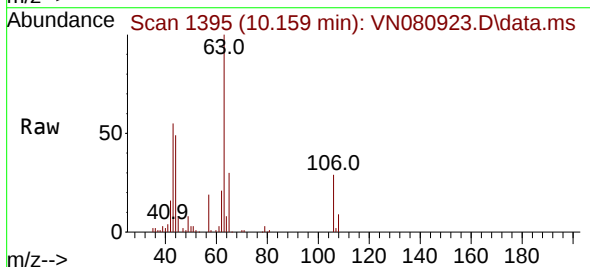
Manual Integrations
APPROVED

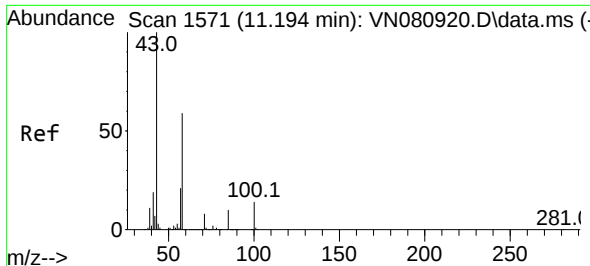
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#58
2-Chloroethyl Vinyl ether
Concen: 22.084 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

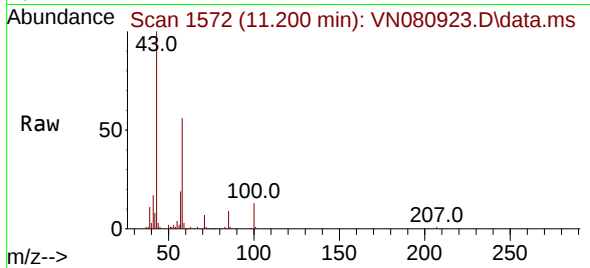
Tgt Ion: 63 Resp: 98973
Ion Ratio Lower Upper
63 100
106 31.4 18.6 28.0#





#59
2-Hexanone
Concen: 22.456 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

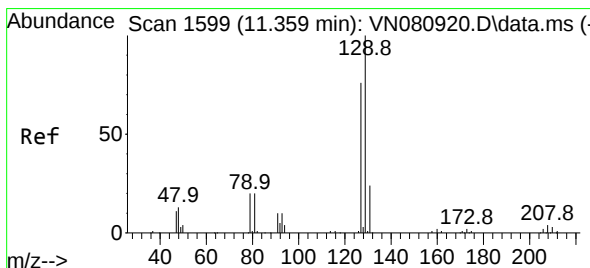
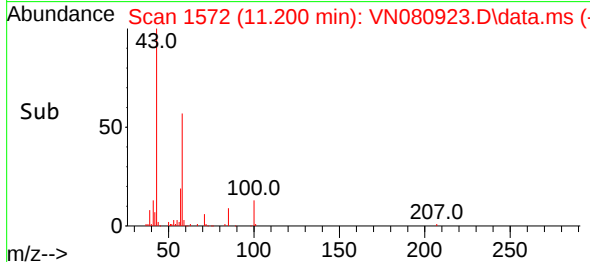
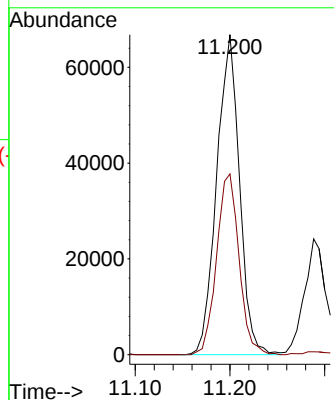
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 111759
Ion Ratio Lower Upper
43 100
58 55.7 25.9 77.8

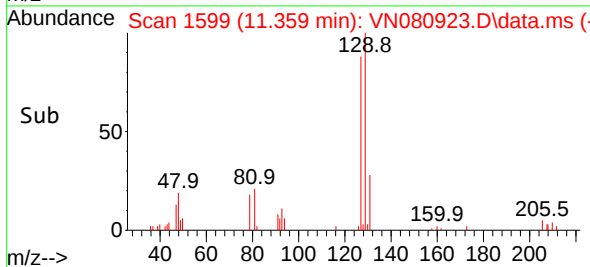
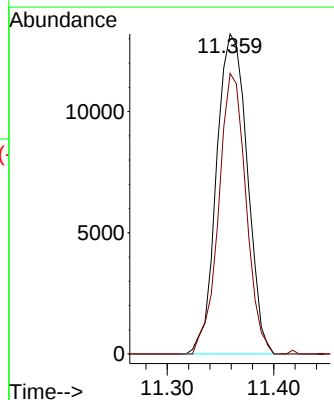
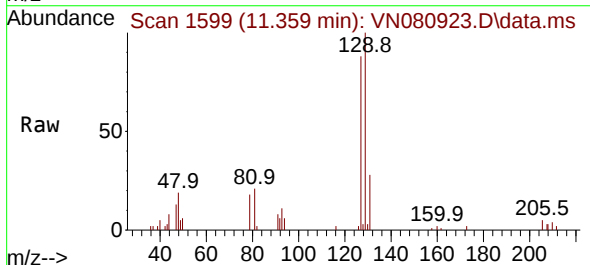
Manual Integrations
APPROVED

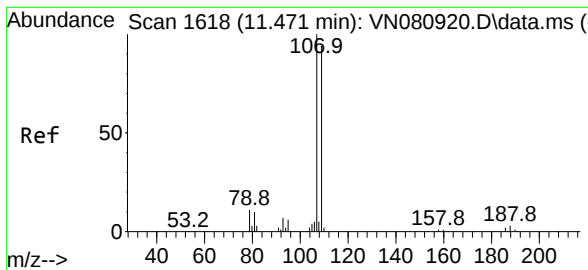
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#60
Dibromochloromethane
Concen: 4.193 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion:129 Resp: 26439
Ion Ratio Lower Upper
129 100
127 78.1 39.4 118.2





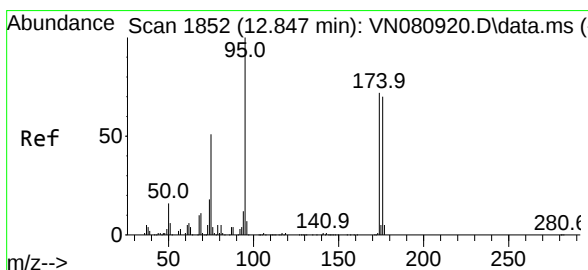
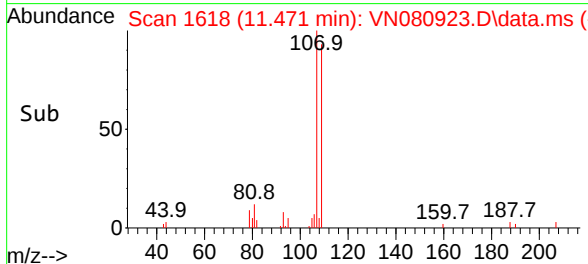
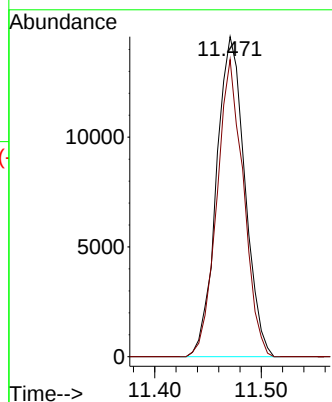
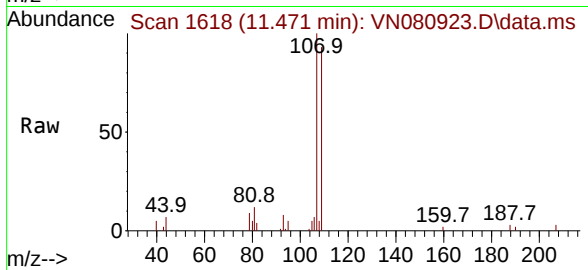
#61
1,2-Dibromoethane
Concen: 4.388 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 27012
Ion Ratio Lower Upper
107 100
109 86.8 73.4 110.2

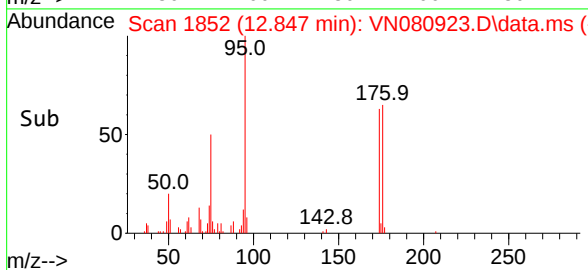
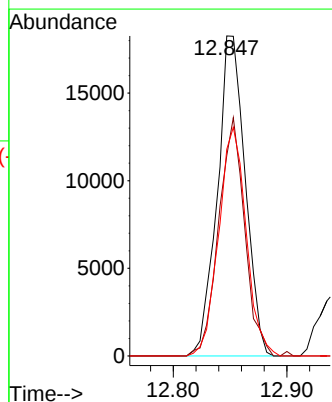
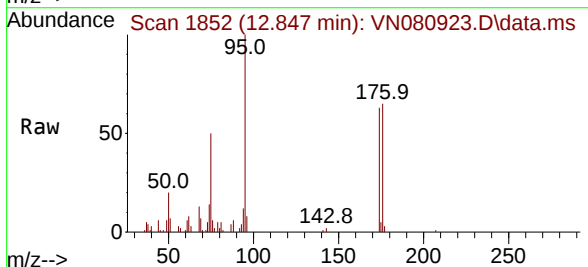
Manual Integrations
APPROVED

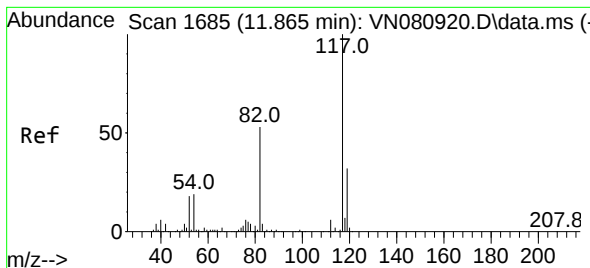
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#62
4-Bromofluorobenzene
Concen: 4.515 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

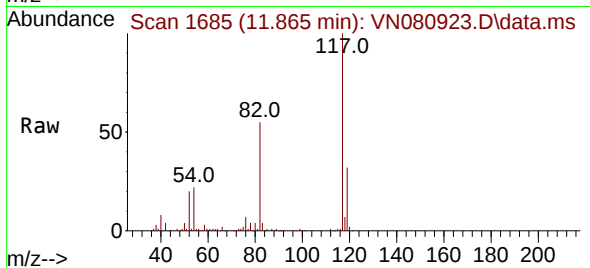
Tgt Ion: 95 Resp: 31226
Ion Ratio Lower Upper
95 100
174 69.1 0.0 120.4
176 70.2 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

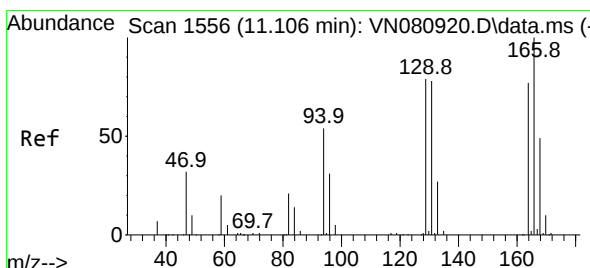
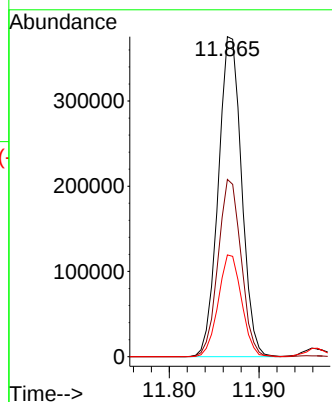
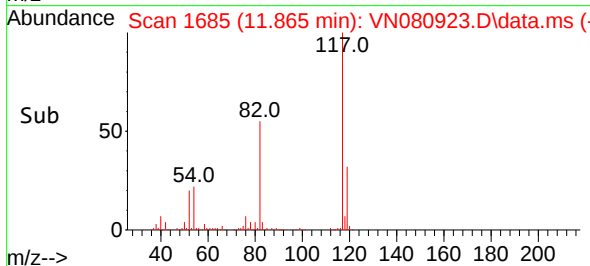
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



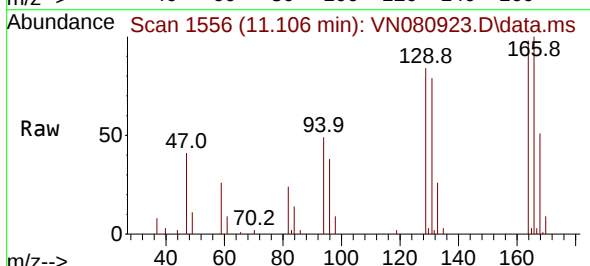
Tgt Ion:117 Resp: 677749
Ion Ratio Lower Upper
117 100
82 55.4 52.7 79.1
119 31.8 25.3 37.9

Manual Integrations
APPROVED

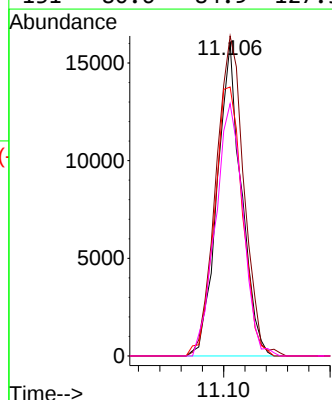
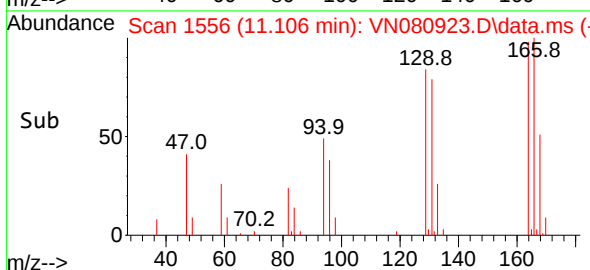
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

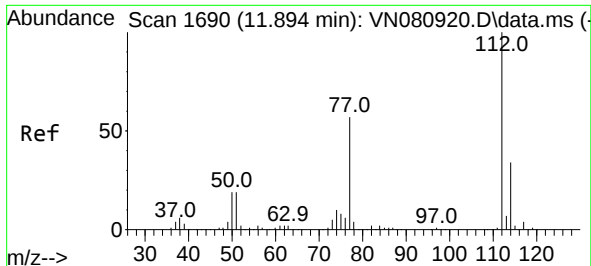


#64
Tetrachloroethene
Concen: 4.936 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21



Tgt Ion:164 Resp: 25252
Ion Ratio Lower Upper
164 100
166 102.1 105.8 158.6#
129 85.8 89.6 134.4#
131 80.6 84.9 127.3#





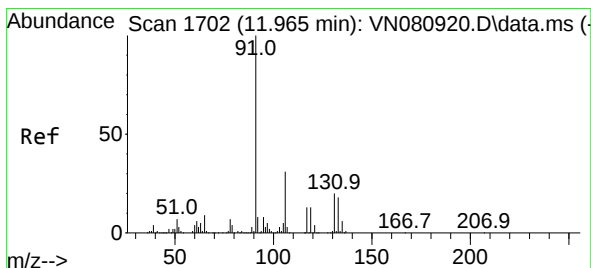
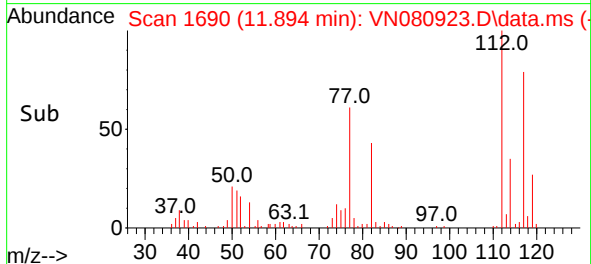
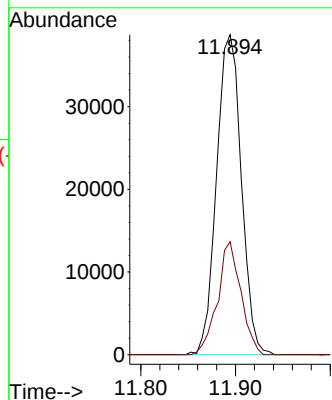
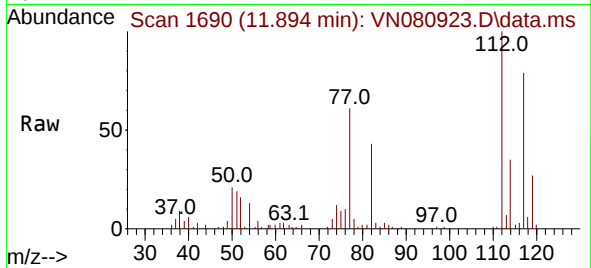
#65
Chlorobenzene
Concen: 4.954 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 7036
Ion Ratio Lower Upper
112 100
114 35.3 23.7 35.5

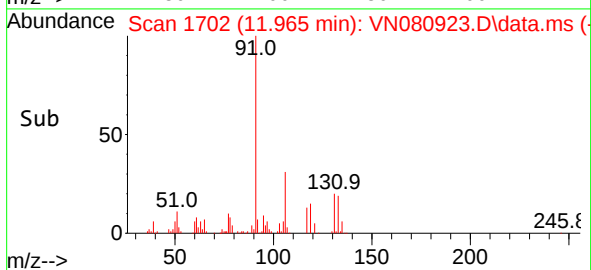
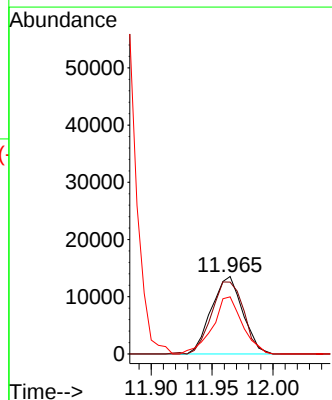
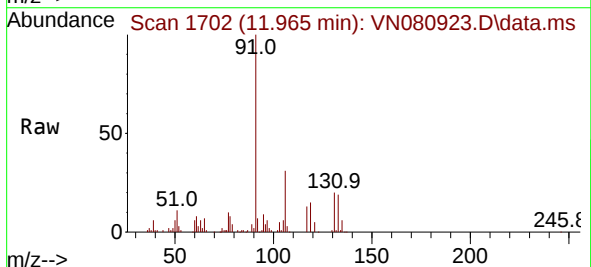
Manual Integrations
APPROVED

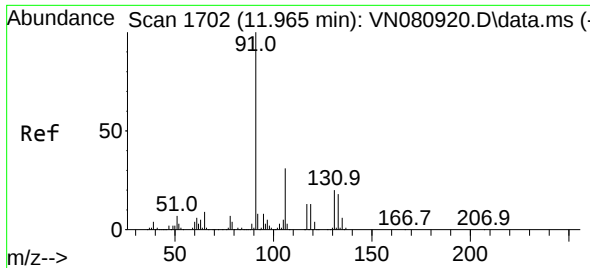
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.715 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion:131 Resp: 24169
Ion Ratio Lower Upper
131 100
133 96.3 46.8 140.3
119 70.2 34.6 103.9





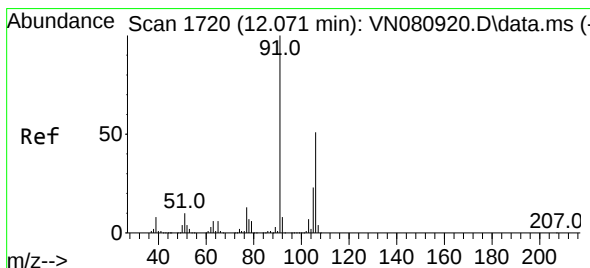
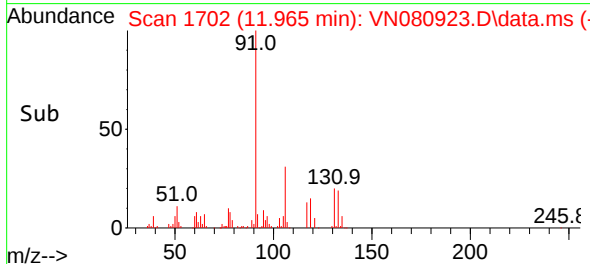
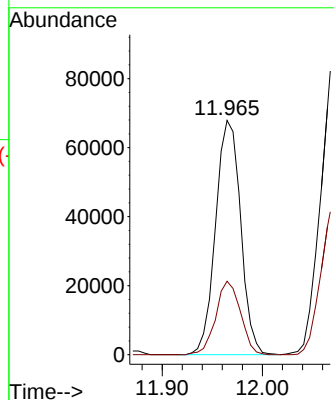
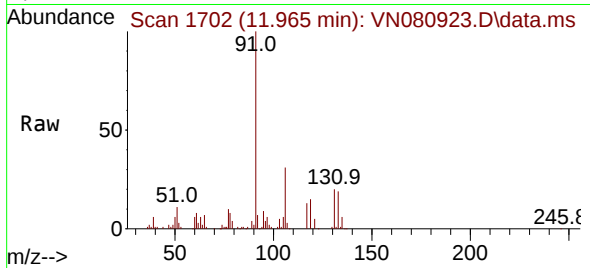
#67
Ethyl Benzene
Concen: 4.817 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 117850
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.6

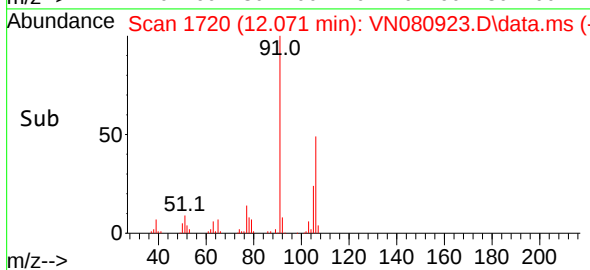
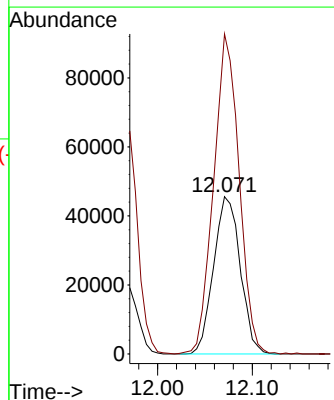
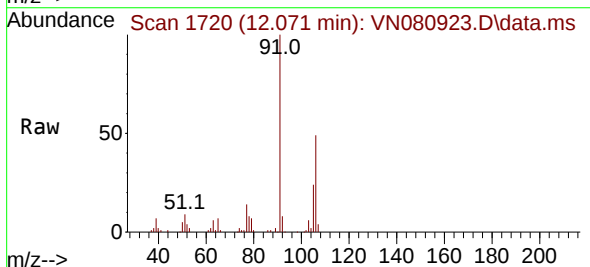
Manual Integrations
APPROVED

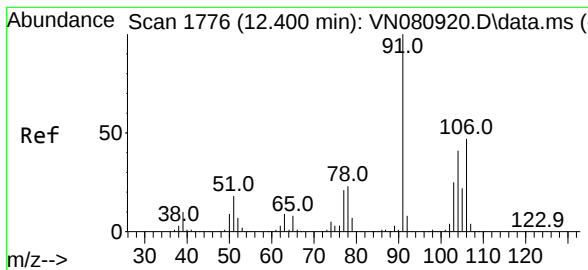
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#68
m/p-Xylenes
Concen: 9.590 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion:106 Resp: 89152
Ion Ratio Lower Upper
106 100
91 194.5 169.0 253.6





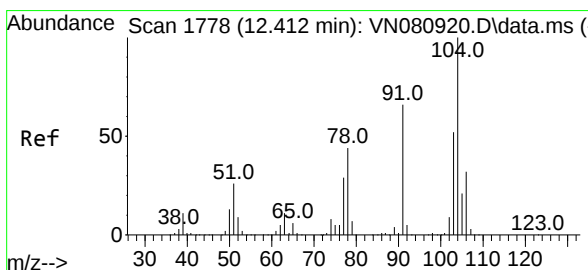
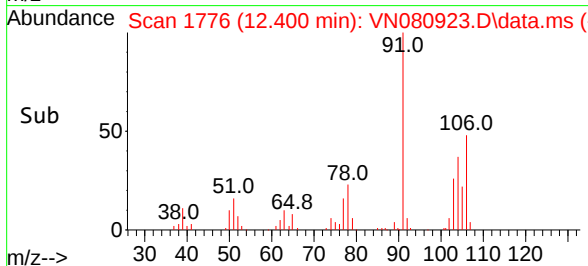
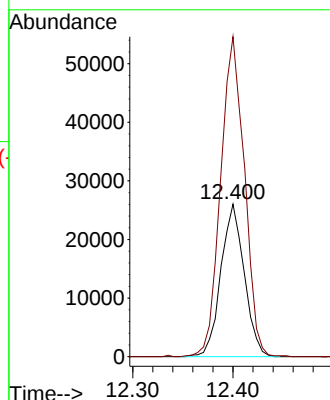
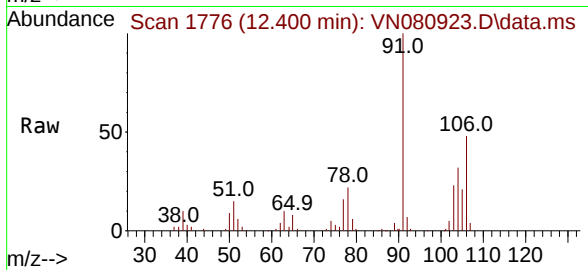
#69
o-Xylene
Concen: 4.664 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument : MSVOA_N
ClientSampleId : VSTDIC005

Tgt Ion:106 Resp: 42068
Ion Ratio Lower Upper
106 100
91 214.4 112.1 336.3

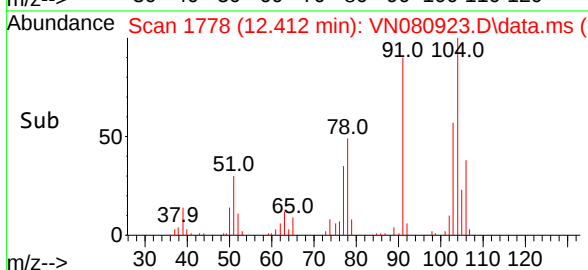
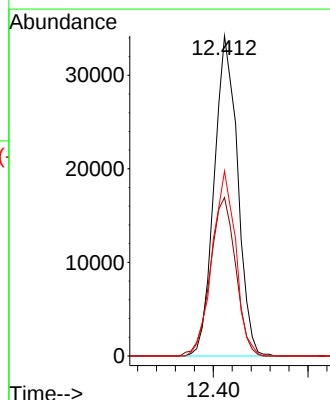
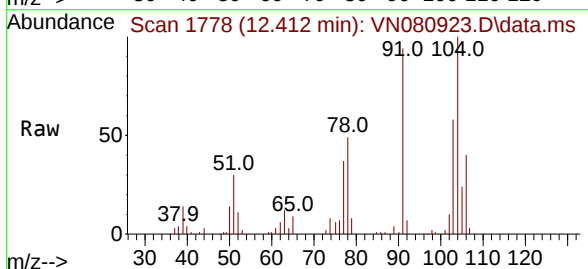
Manual Integrations
APPROVED

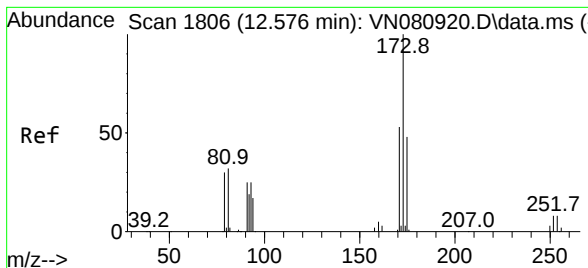
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#70
Styrene
Concen: 4.343 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion:104 Resp: 58801
Ion Ratio Lower Upper
104 100
78 53.5 43.8 65.8
103 58.0 44.2 66.2





#71

Bromoform

Concen: 4.493 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

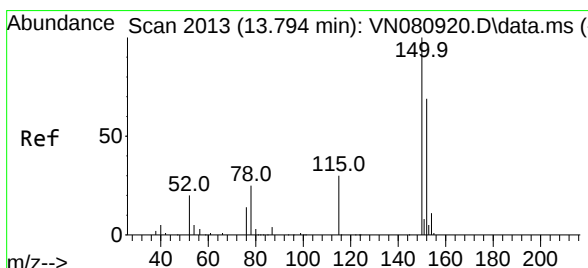
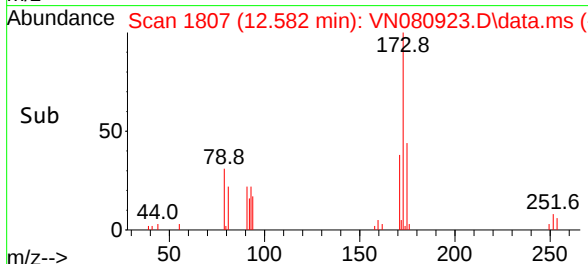
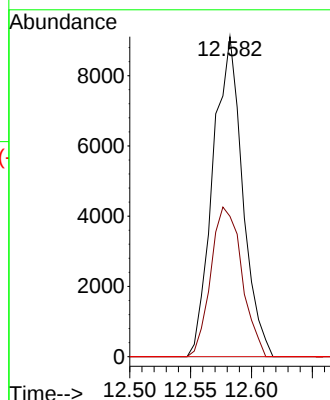
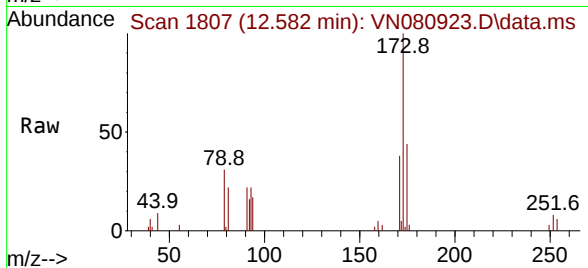
Tgt Ion:	173	Resp:	15424
Ion Ratio	Lower	Upper	
173	100		
175	49.0	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

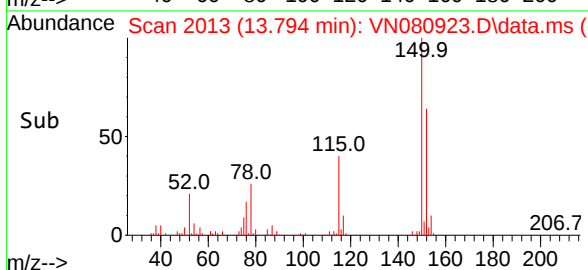
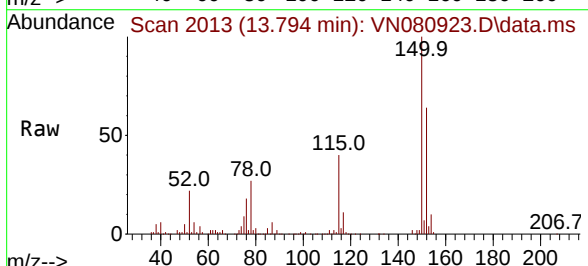
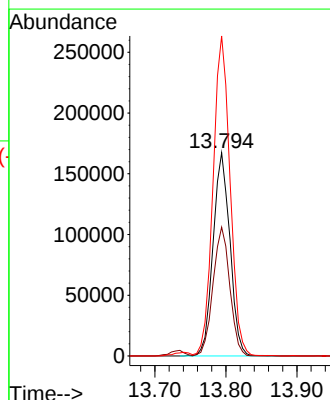
RT: 13.794 min Scan# 2013

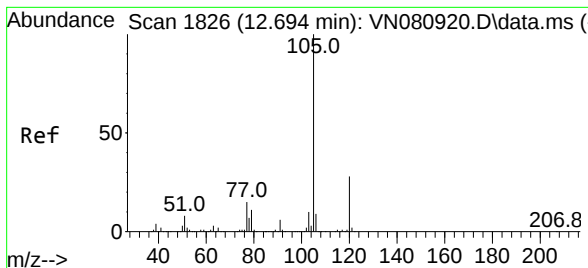
Delta R.T. -0.000 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

Tgt Ion:	152	Resp:	274762
Ion Ratio	Lower	Upper	
152	100		
115	63.2	32.3	96.8
150	159.4	0.0	339.8





#73

Isopropylbenzene

Concen: 4.851 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 103652

Ion Ratio Lower Upper

105 100

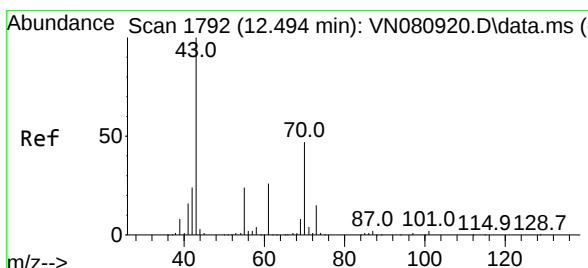
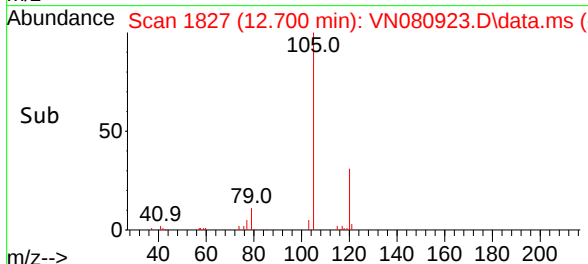
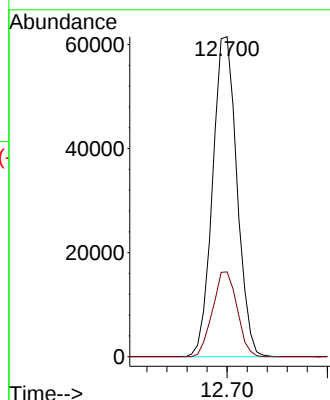
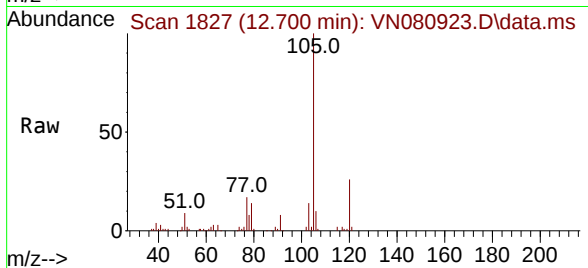
120 26.7 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#74

N-ethyl acetate

Concen: 4.913 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

Tgt Ion: 43 Resp: 37841

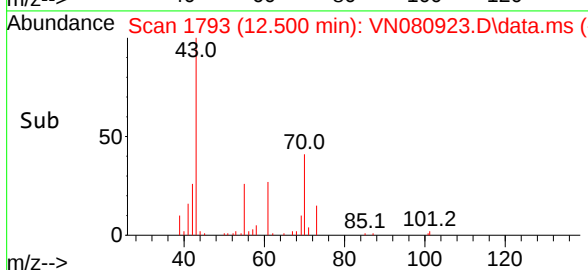
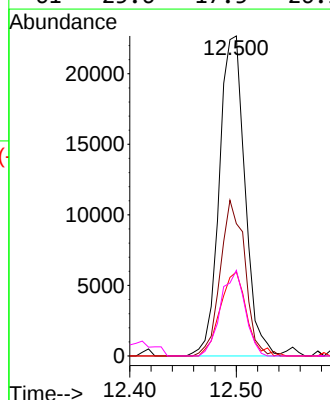
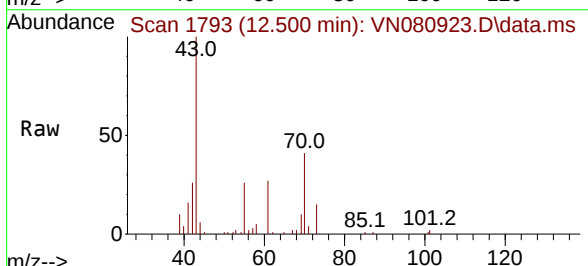
Ion Ratio Lower Upper

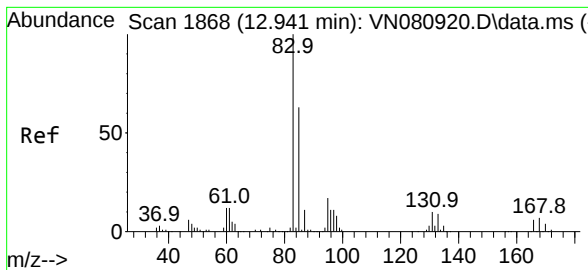
43 100

70 46.7 30.1 45.1#

55 26.9 17.0 25.4#

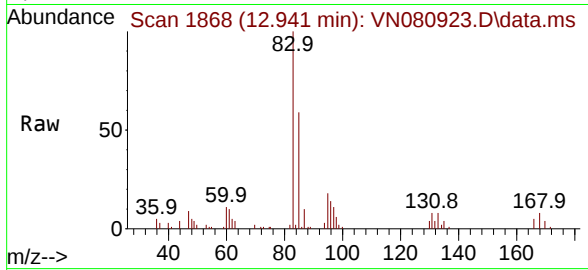
61 25.6 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 4.888 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

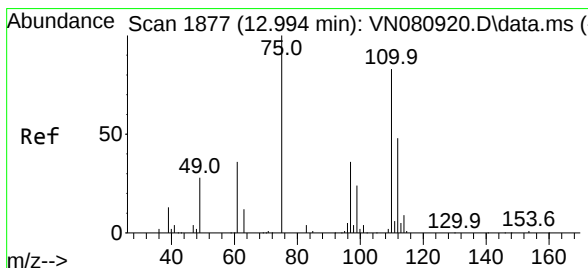
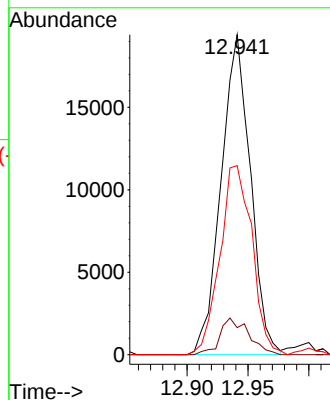
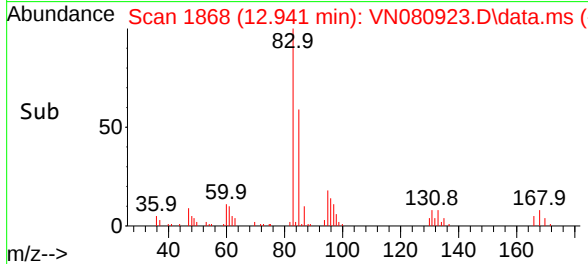
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 3249
Ion Ratio Lower Upper
83 100
131 11.2 4.1 12.3
85 64.6 32.1 96.3

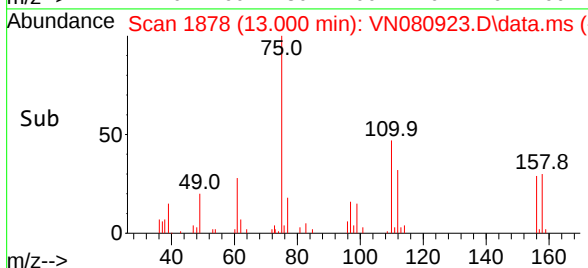
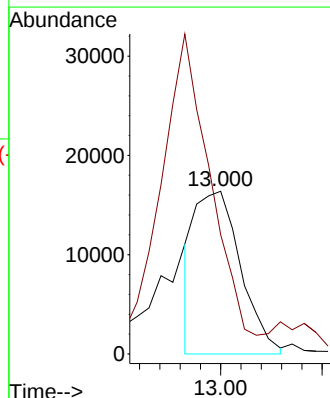
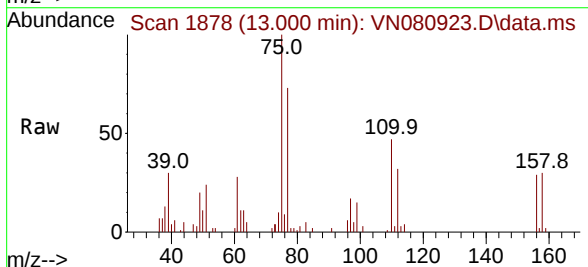
Manual Integrations
APPROVED

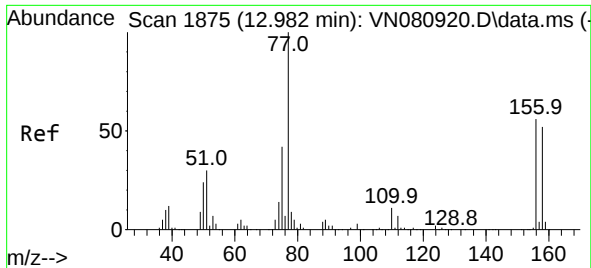
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#76
1,2,3-Trichloropropane
Concen: 4.414 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

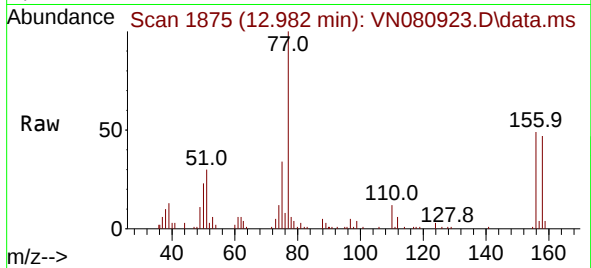
Tgt Ion: 75 Resp: 25799
Ion Ratio Lower Upper
75 100
77 220.0 91.0 272.8





#77
Bromobenzene
Concen: 4.865 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

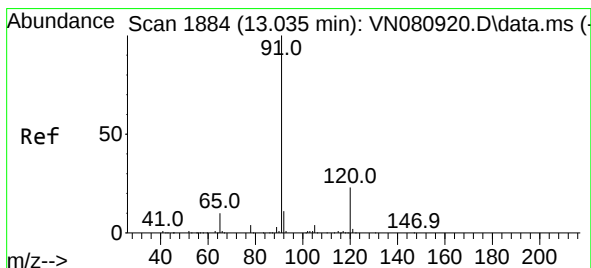
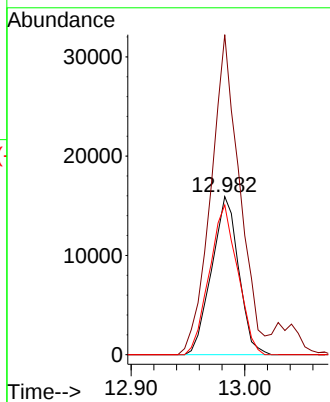
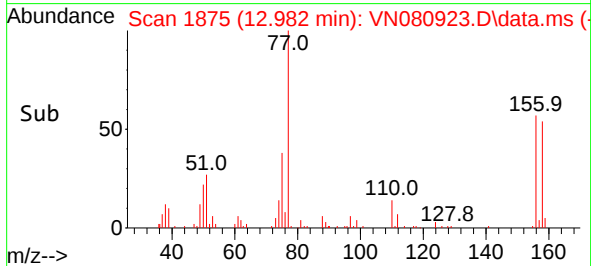
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:156 Resp: 2623
Ion Ratio Lower Upper
156 100
77 216.4 138.1 414.3
158 99.4 46.5 139.5

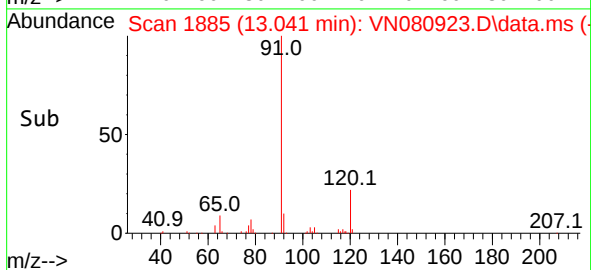
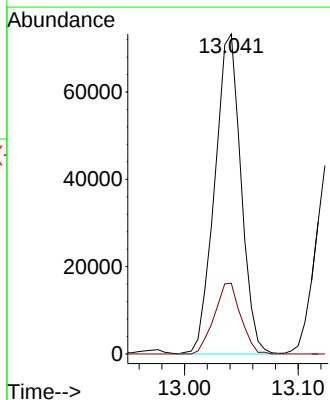
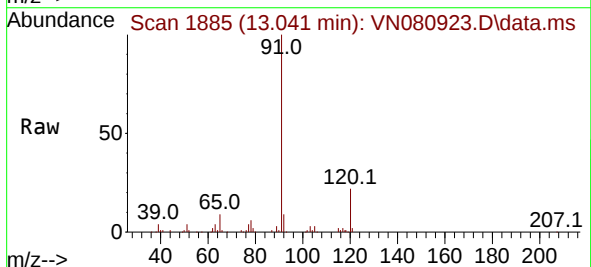
Manual Integrations
APPROVED

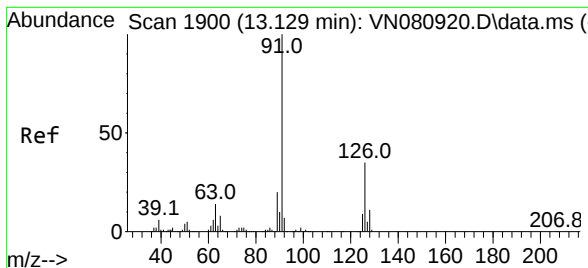
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#78
n-propylbenzene
Concen: 4.883 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion: 91 Resp: 117805
Ion Ratio Lower Upper
91 100
120 22.2 10.3 30.9





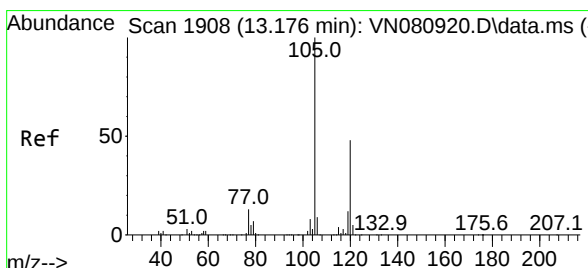
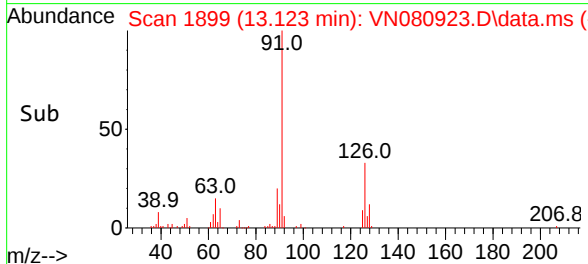
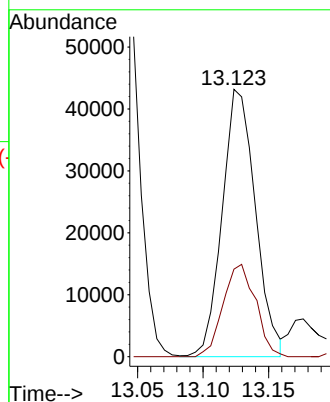
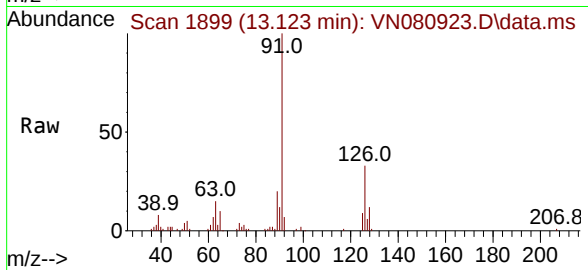
#79
2-Chlorotoluene
Concen: 4.999 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 76224
Ion Ratio Lower Upper
91 100
126 33.7 14.8 44.4

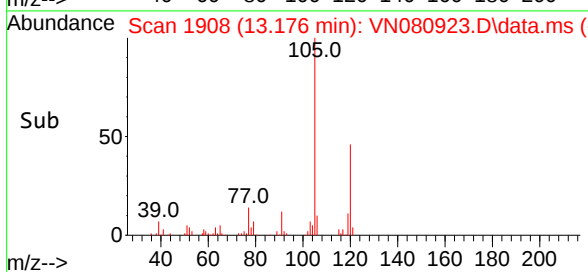
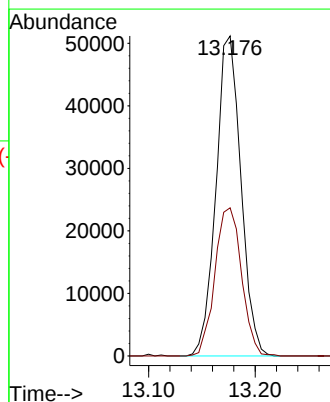
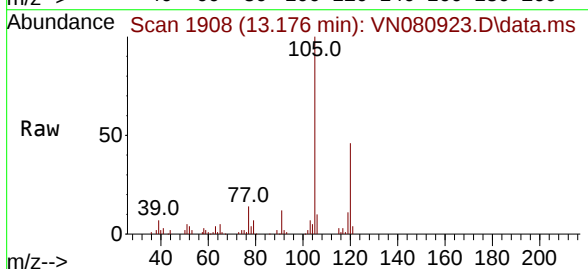
Manual Integrations
APPROVED

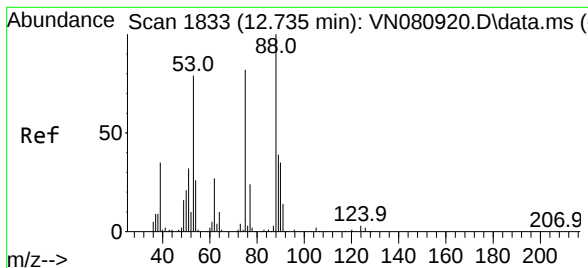
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.788 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

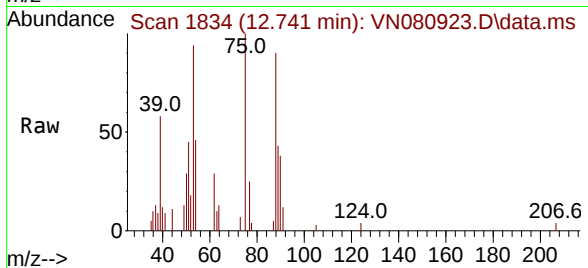
Tgt Ion:105 Resp: 83167
Ion Ratio Lower Upper
105 100
120 49.4 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.144 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

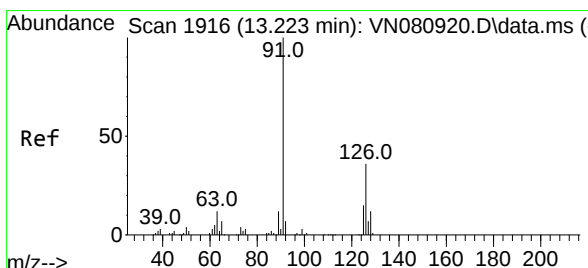
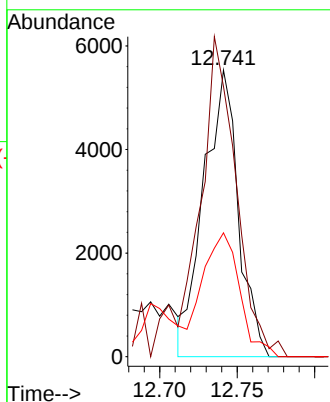
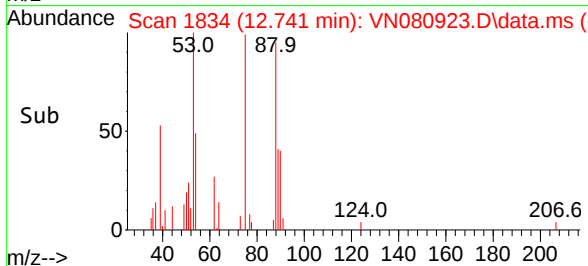
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 8540
Ion Ratio Lower Upper
75 100
53 121.7 71.4 107.2
89 46.1 33.4 50.0

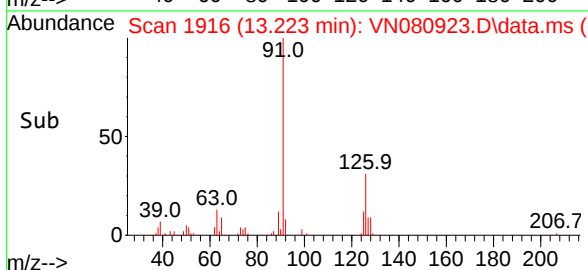
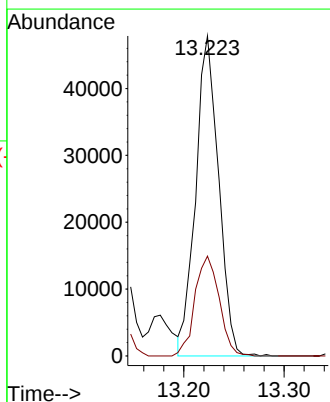
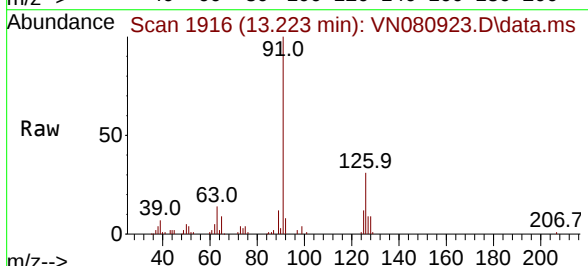
Manual Integrations
APPROVED

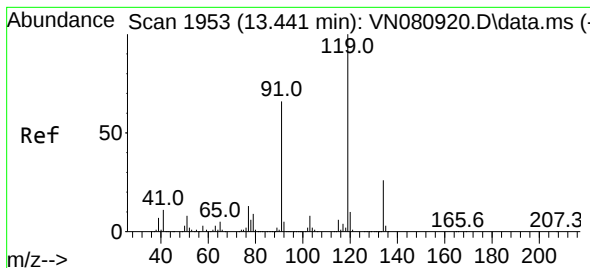
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#82
4-Chlorotoluene
Concen: 5.001 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

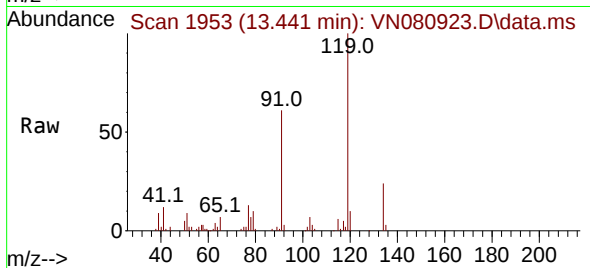
Tgt Ion: 91 Resp: 76075
Ion Ratio Lower Upper
91 100
126 33.1 15.3 45.9





#83
tert-Butylbenzene
Concen: 4.771 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

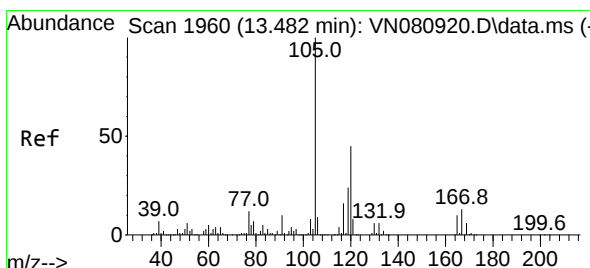
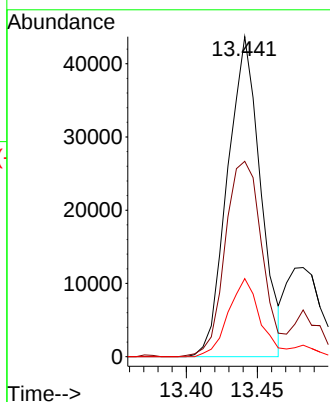
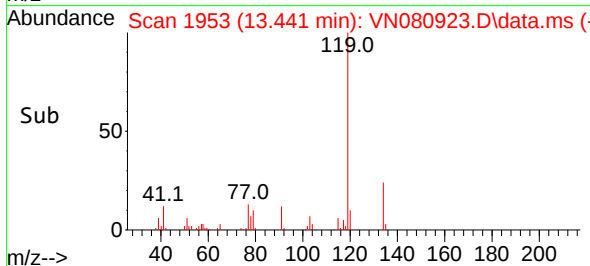
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



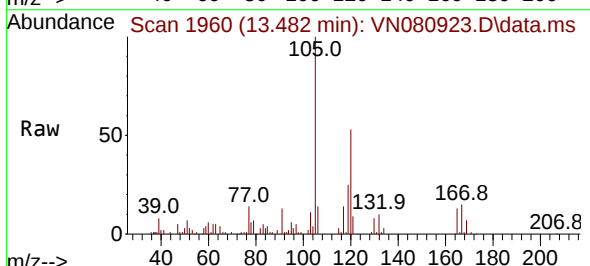
Tgt Ion:119 Resp: 7063
Ion Ratio Lower Upper
119 100
91 69.0 36.8 110.4
134 23.7 12.4 37.4

Manual Integrations
APPROVED

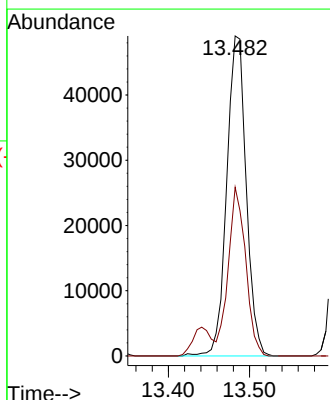
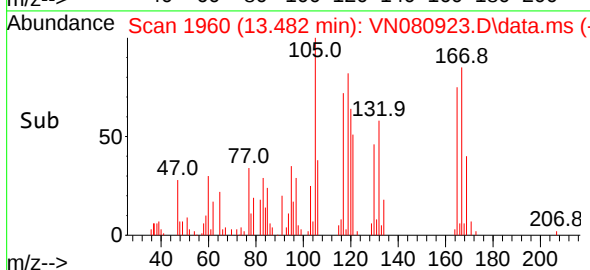
Reviewed By :John Carbone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

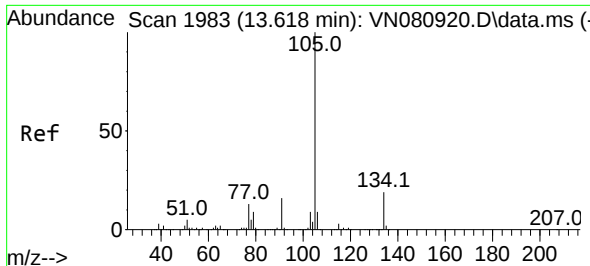


#84
1,2,4-Trimethylbenzene
Concen: 4.724 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21



Tgt Ion:105 Resp: 81725
Ion Ratio Lower Upper
105 100
120 47.0 20.9 62.7





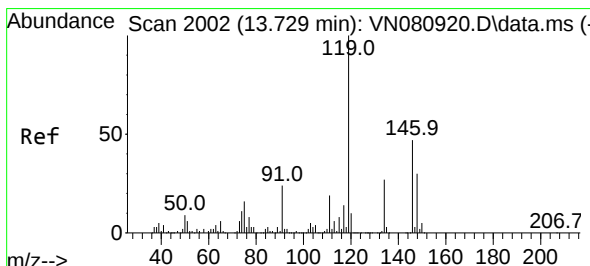
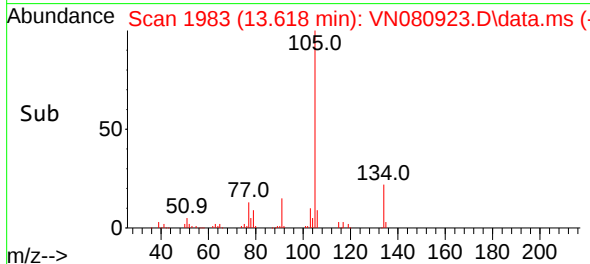
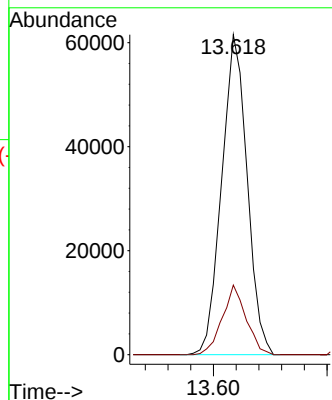
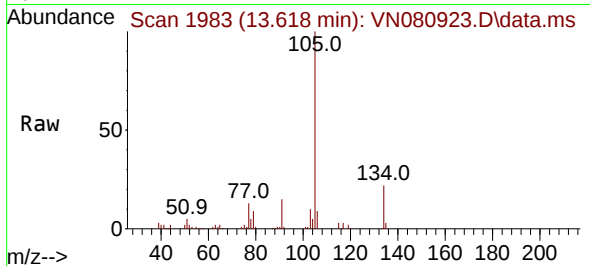
#85
 sec-Butylbenzene
 Concen: 4.809 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080923.D
 Acq: 06 Feb 2024 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 95679
 Ion Ratio Lower Upper
 105 100
 134 20.3 8.6 25.8

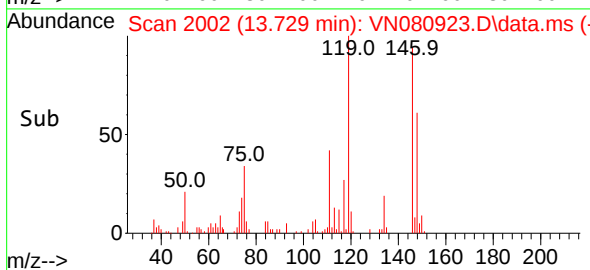
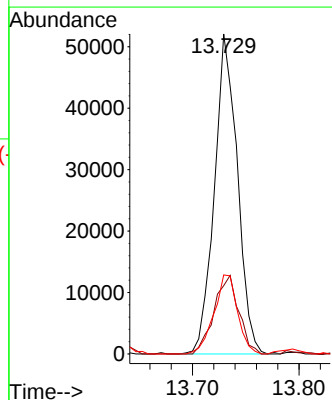
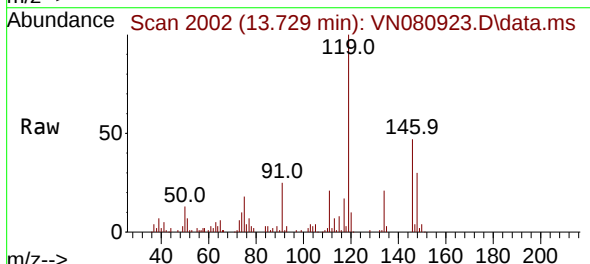
Manual Integrations
 APPROVED

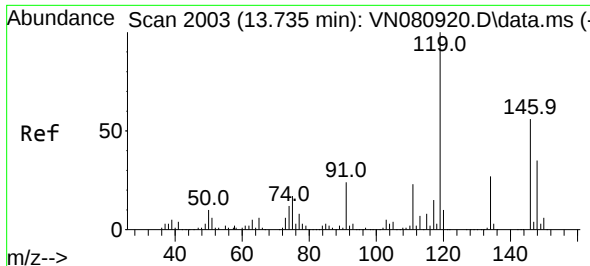
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024



#86
 p-Isopropyltoluene
 Concen: 4.636 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080923.D
 Acq: 06 Feb 2024 17:21

Tgt Ion:119 Resp: 77944
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.4 37.2
 91 25.4 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 4.883 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:146 Resp: 4688

Ion Ratio Lower Upper

146 100

111 43.1 23.9 71.7

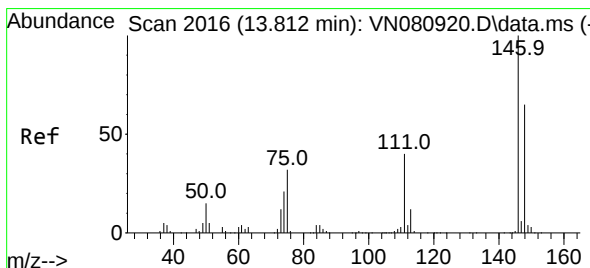
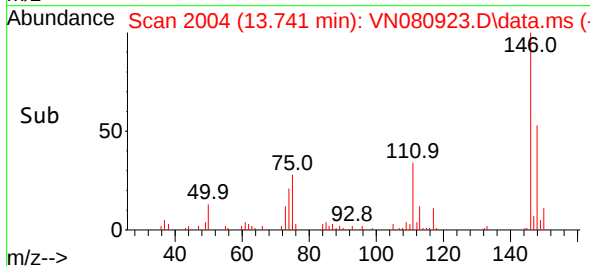
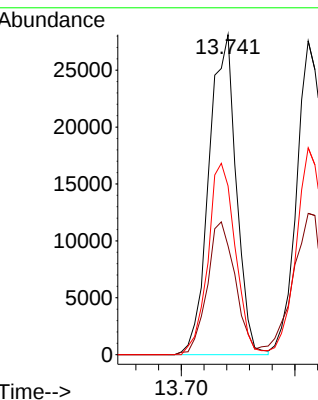
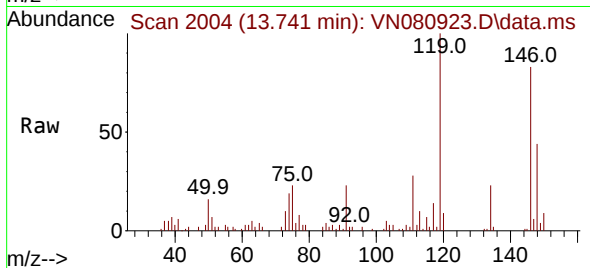
148 60.0 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#88

1,4-Dichlorobenzene

Concen: 4.913 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

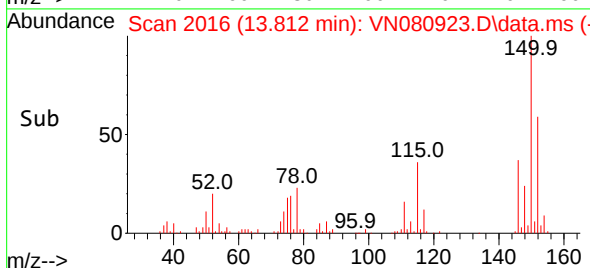
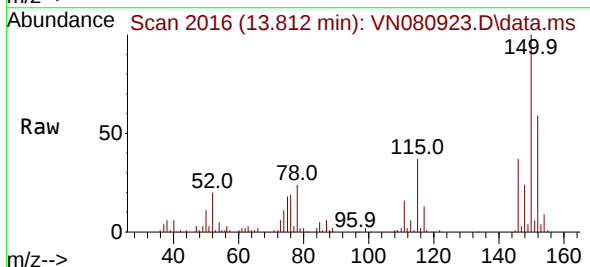
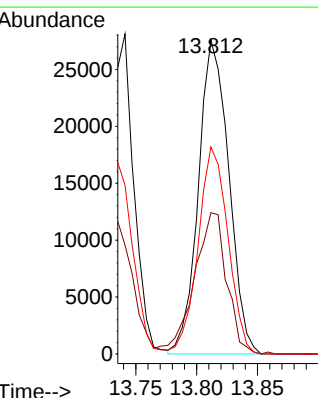
Tgt Ion:146 Resp: 47876

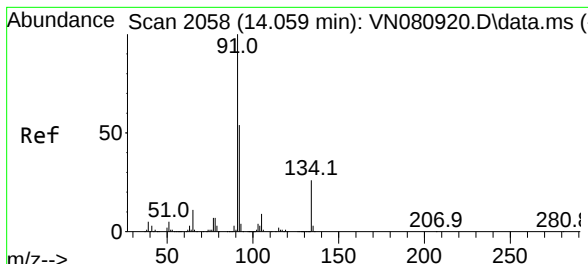
Ion Ratio Lower Upper

146 100

111 47.9 22.6 67.7

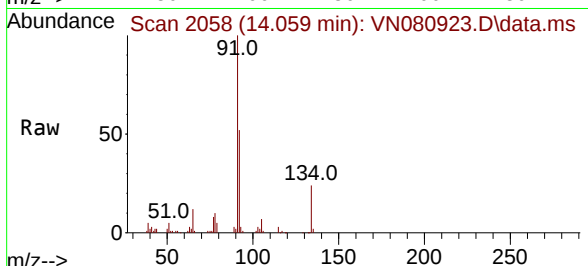
148 65.1 31.9 95.5





#89
n-Butylbenzene
Concen: 4.818 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

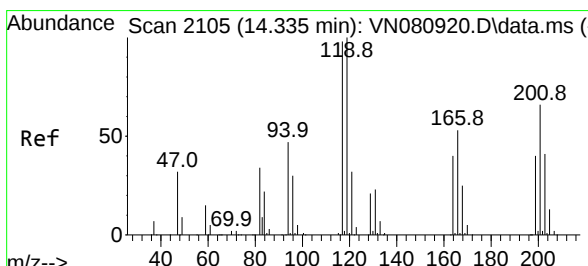
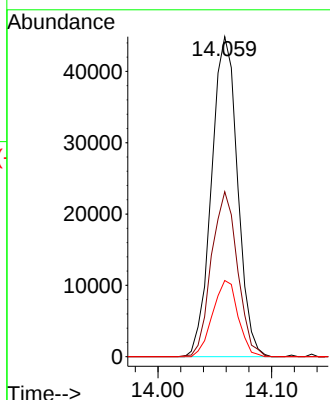
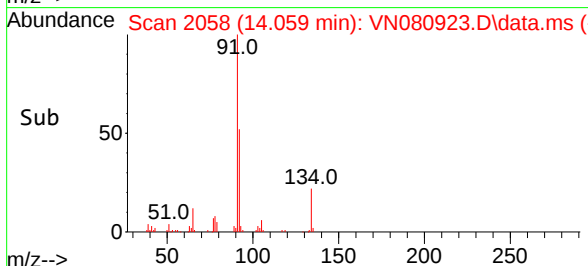
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



Tgt Ion: 91 Resp: 71549
Ion Ratio Lower Upper
91 100
92 51.6 26.7 80.1
134 23.3 10.8 32.4

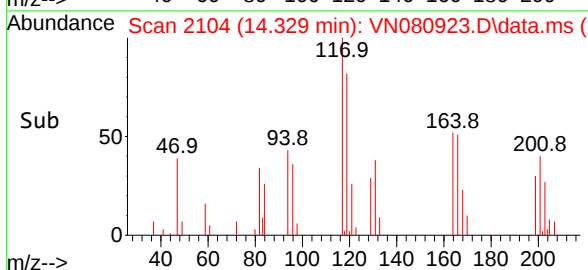
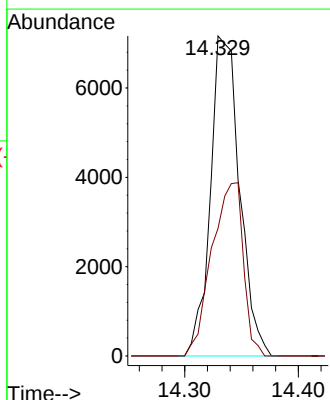
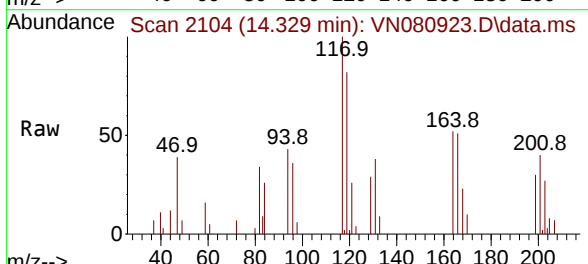
Manual Integrations
APPROVED

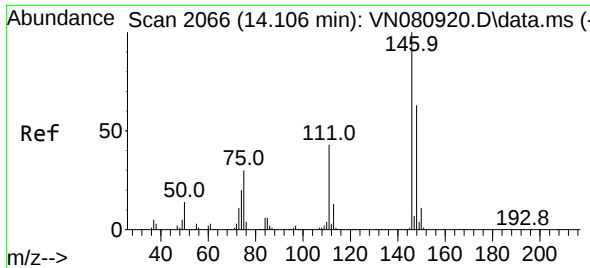
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#90
Hexachloroethane
Concen: 4.834 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion:117 Resp: 12814
Ion Ratio Lower Upper
117 100
201 58.3 30.0 90.0





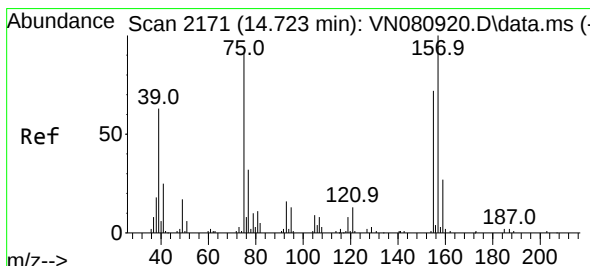
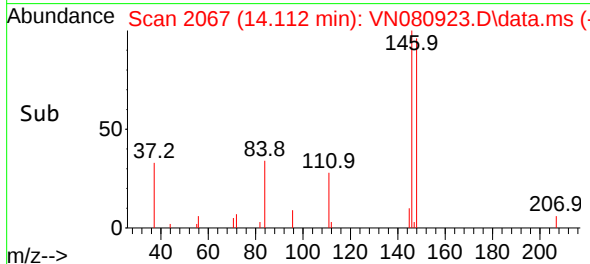
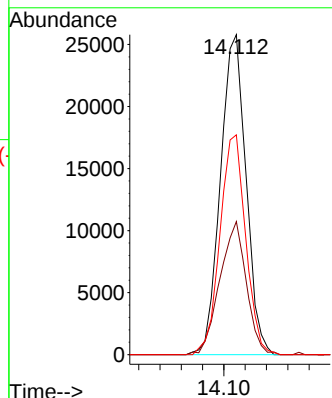
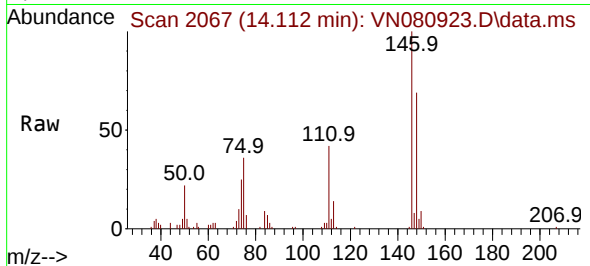
#91
1,2-Dichlorobenzene
Concen: 4.671 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 42972
Ion Ratio Lower Upper
146 100
111 43.1 23.9 71.8
148 68.8 31.4 94.0

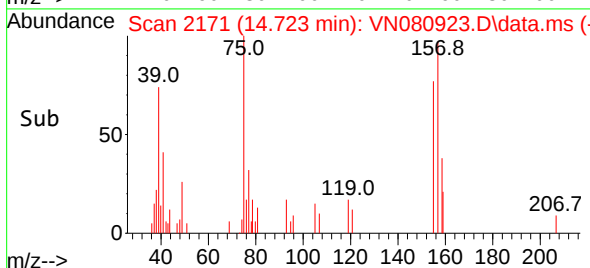
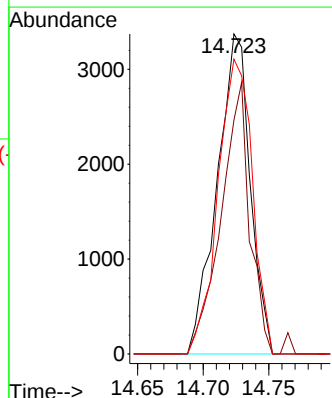
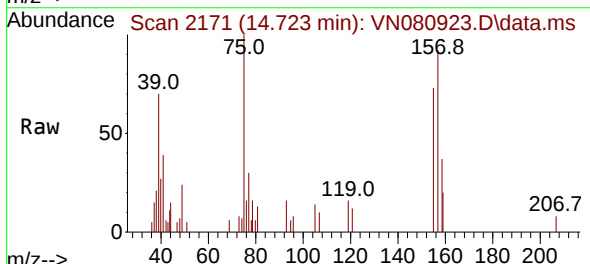
Manual Integrations
APPROVED

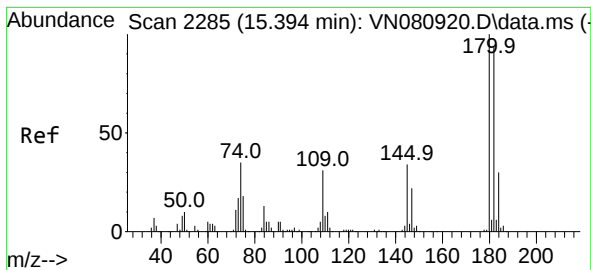
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.761 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

Tgt Ion: 75 Resp: 5920
Ion Ratio Lower Upper
75 100
155 73.1 31.8 95.4
157 95.5 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 4.939 ug/l

RT: 15.400 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

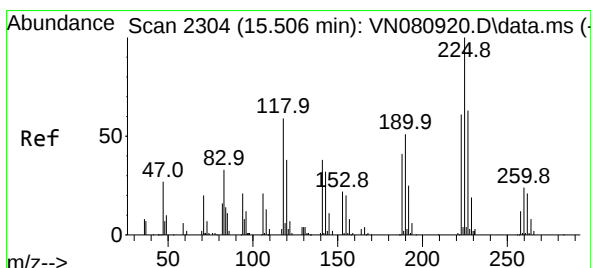
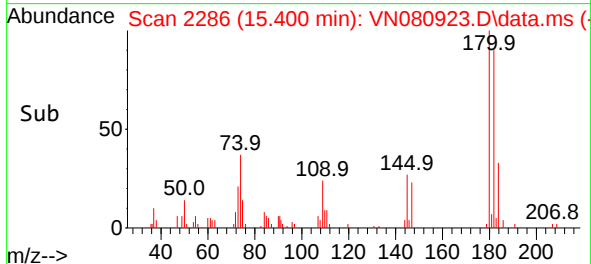
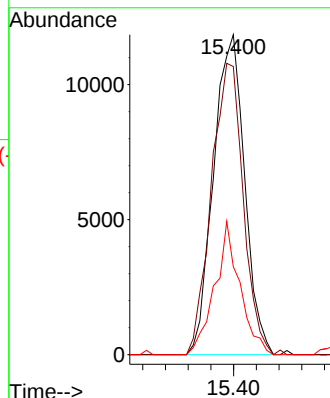
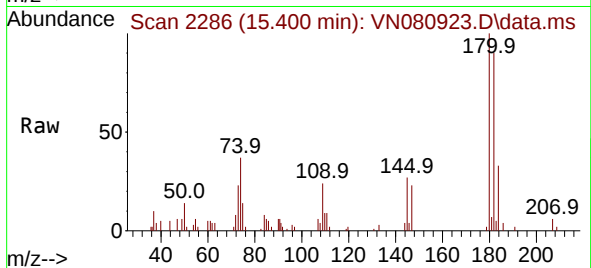
Tgt Ion:	180	Resp:	2247
Ion Ratio	Lower	Upper	
180	100		
182	93.3	46.6	139.7
145	33.6	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#94

Hexachlorobutadiene

Concen: 5.252 ug/l

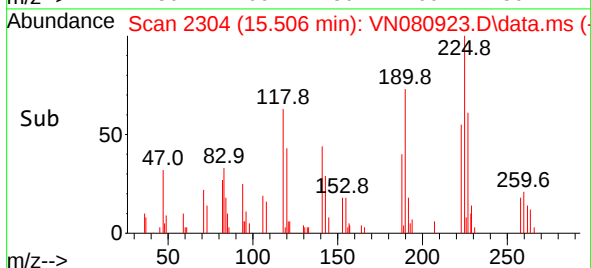
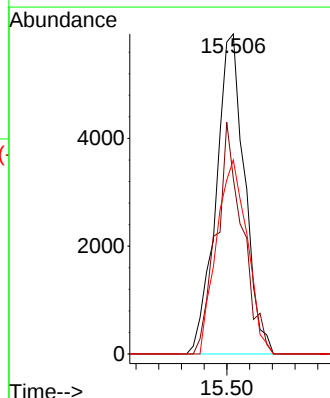
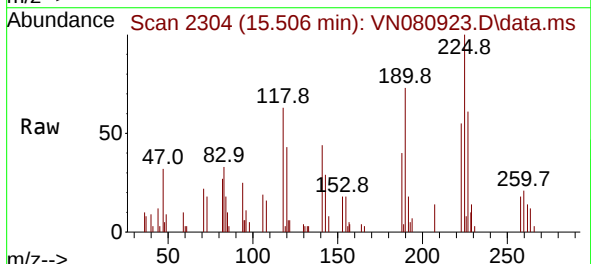
RT: 15.506 min Scan# 2304

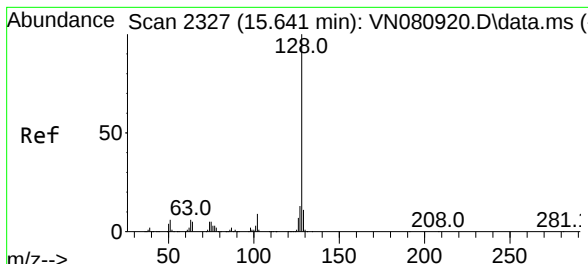
Delta R.T. -0.000 min

Lab File: VN080923.D

Acq: 06 Feb 2024 17:21

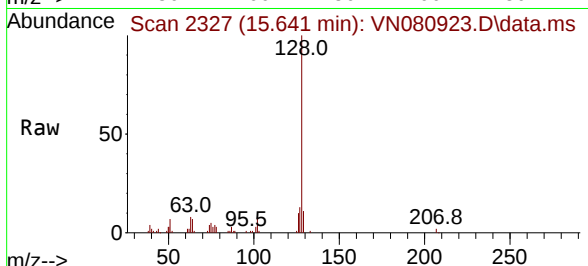
Tgt Ion:	225	Resp:	10362
Ion Ratio	Lower	Upper	
225	100		
223	66.2	33.3	99.8
227	65.1	33.1	99.2





#95
Naphthalene
Concen: 4.831 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21

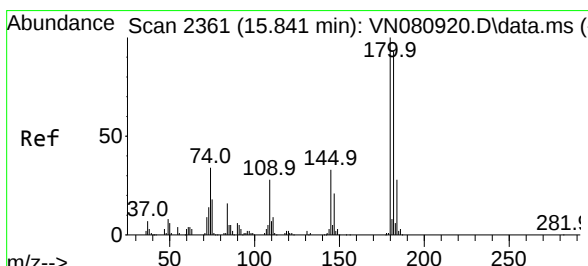
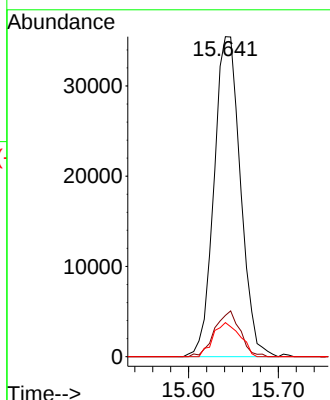
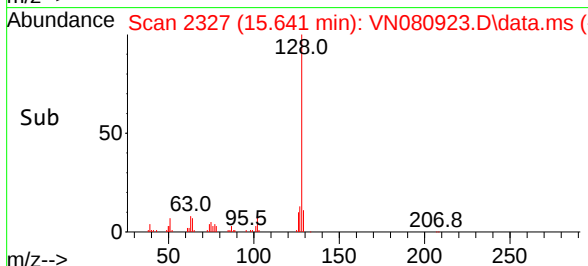
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



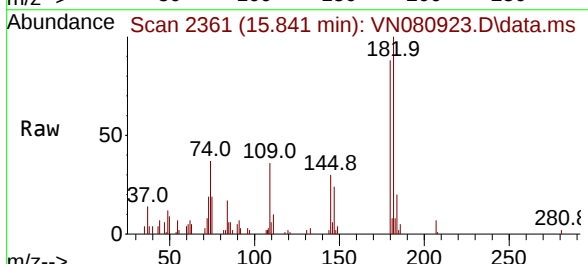
Tgt Ion:128 Resp: 72585
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#96
1,2,3-Trichlorobenzene
Concen: 4.794 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080923.D
Acq: 06 Feb 2024 17:21



Tgt Ion:180 Resp: 21472
Ion Ratio Lower Upper
180 100
182 99.5 46.5 139.3
145 35.4 17.8 53.4

