

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081844.D
 Acq On : 25 Apr 2024 11:43
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 26 04:58:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 04:43:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/26/2024
 Supervised By : Mahesh Dadoda 04/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	236116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	453937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	387461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	32878	8.250	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	16.500%	#	
35) Dibromofluoromethane	8.171	113	21136	7.733	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	15.460%	#	
50) Toluene-d8	10.571	98	85134	7.931	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	15.860%	#	
62) 4-Bromofluorobenzene	12.853	95	32386	7.632	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	15.260%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	32252	9.731	ug/l	94
3) Chloromethane	2.359	50	33731	9.755	ug/l	94
4) Vinyl Chloride	2.512	62	32060	10.243	ug/l	94
5) Bromomethane	2.965	94	17176	8.683	ug/l #	77
6) Chloroethane	3.130	64	15413	9.743	ug/l	94
7) Trichlorofluoromethane	3.501	101	47909	9.895	ug/l	91
8) Diethyl Ether	3.965	74	21009	10.214	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.377	101	28622	10.182	ug/l	93
10) Methyl Iodide	4.595	142	21895	8.893	ug/l #	89
11) Tert butyl alcohol	5.524	59	38805	53.566	ug/l #	71
12) 1,1-Dichloroethene	4.348	96	30207	10.563	ug/l	85
13) Acrolein	4.177	56	30139	47.399	ug/l	99
14) Allyl chloride	5.024	41	59767	9.880	ug/l #	85
15) Acrylonitrile	5.724	53	83758	48.149	ug/l	98
16) Acetone	4.424	43	65925	51.641	ug/l	97
17) Carbon Disulfide	4.712	76	82073	9.548	ug/l	99
18) Methyl Acetate	5.024	43	43783	10.847	ug/l #	89
19) Methyl tert-butyl Ether	5.794	73	109689	10.165	ug/l	92
20) Methylene Chloride	5.271	84	34076	9.978	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	30296	9.716	ug/l	88
22) Diisopropyl ether	6.671	45	119187	10.182	ug/l #	93
23) Vinyl Acetate	6.600	43	489741m	51.493	ug/l	
24) 1,1-Dichloroethane	6.571	63	62335	10.231	ug/l	98
25) 2-Butanone	7.483	43	113582	50.218	ug/l	92
26) 2,2-Dichloropropane	7.494	77	56009	9.993	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	36592	10.043	ug/l	82
28) Bromochloromethane	7.812	49	28084	9.699	ug/l #	71
29) Tetrahydrofuran	7.836	42	82668	50.968	ug/l	87
30) Chloroform	7.965	83	59197	9.802	ug/l	95
31) Cyclohexane	8.253	56	62072	10.340	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	53988	10.025	ug/l	96
36) 1,1-Dichloropropene	8.377	75	42520	9.563	ug/l	95
37) Ethyl Acetate	7.565	43	46643	9.702	ug/l #	94
38) Carbon Tetrachloride	8.365	117	42352	9.746	ug/l	89
39) Methylcyclohexane	9.594	83	51956	9.621	ug/l #	82
40) Benzene	8.606	78	136323	10.213	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	31825	10.375	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	47906	9.665	ug/l	98
43) Isopropyl Acetate	8.688	43	88880	9.832	ug/l	95
44) Trichloroethene	9.353	130	30472	9.902	ug/l	91
45) 1,2-Dichloropropane	9.624	63	33978	9.727	ug/l	91
46) Dibromomethane	9.712	93	22654	9.383	ug/l	92
47) Bromodichloromethane	9.888	83	49394	9.700	ug/l #	94
48) Methyl methacrylate	9.682	41	43484	10.077	ug/l #	85
49) 1,4-Dioxane	9.694	88	13139	200.324	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	256970	50.498	ug/l	91
52) Toluene	10.629	92	78739	9.850	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	55156	9.955	ug/l	91
54) cis-1,3-Dichloropropene	10.312	75	57923	10.144	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	30928	9.838	ug/l	92
56) Ethyl methacrylate	10.876	69	59473	9.935	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	54253	9.707	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	148439	54.433	ug/l	91
59) 2-Hexanone	11.194	43	194601	51.386	ug/l	94
60) Dibromochloromethane	11.359	129	34044	10.224	ug/l	96
61) 1,2-Dibromoethane	11.471	107	30102	10.013	ug/l	97
64) Tetrachloroethene	11.106	164	28586	10.158	ug/l	89
65) Chlorobenzene	11.894	112	83089	9.820	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	28567	10.388	ug/l	97
67) Ethyl Benzene	11.965	91	158811	10.092	ug/l	97
68) m/p-Xylenes	12.076	106	109795	19.561	ug/l	84
69) o-Xylene	12.400	106	54845	10.008	ug/l	87
70) Styrene	12.412	104	93591	9.873	ug/l #	91
71) Bromoform	12.576	173	20526	9.494	ug/l #	100
73) Isopropylbenzene	12.694	105	140842	10.128	ug/l	99
74) N-amyl acetate	12.494	43	77709	10.037	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	41065	9.834	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	39732m	9.777	ug/l	
77) Bromobenzene	12.982	156	29042	9.980	ug/l	66
78) n-propylbenzene	13.035	91	170910	10.118	ug/l	95
79) 2-Chlorotoluene	13.123	91	106437	9.904	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	119444	10.150	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	20240	10.227	ug/l #	91
82) 4-Chlorotoluene	13.223	91	107581	10.311	ug/l	89
83) tert-Butylbenzene	13.435	119	104205	10.634	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	118724	10.103	ug/l	96
85) sec-Butylbenzene	13.617	105	139353	10.095	ug/l	95
86) p-Isopropyltoluene	13.729	119	113511	10.241	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	52534	9.675	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	55114	10.308	ug/l	93
89) n-Butylbenzene	14.053	91	102426	9.928	ug/l	97
90) Hexachloroethane	14.335	117	22099	10.136	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	53487	10.276	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10070	9.905	ug/l	83
93) 1,2,4-Trichlorobenzene	15.388	180	29393	10.094	ug/l	97
94) Hexachlorobutadiene	15.500	225	11261	10.491	ug/l	93
95) Naphthalene	15.641	128	112020	10.180	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	27611	9.875	ug/l	93

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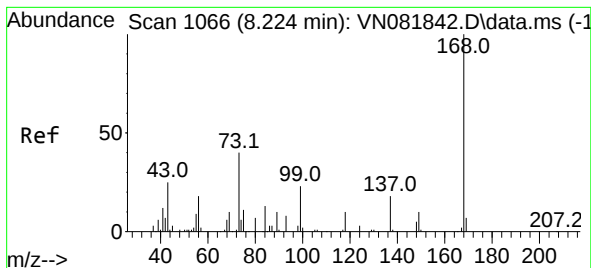
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/26/2024

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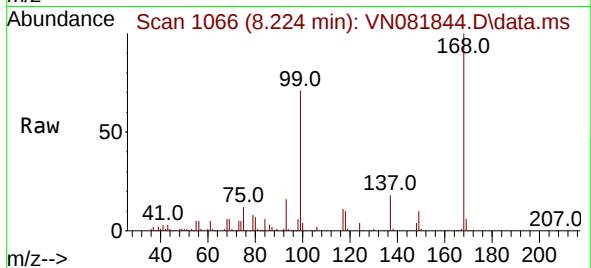
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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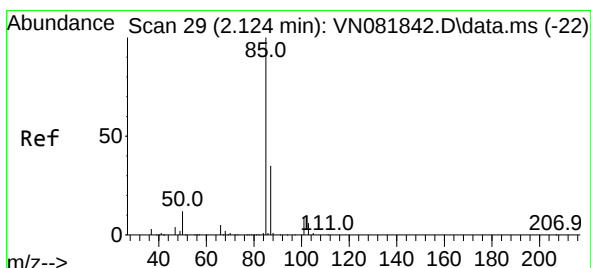
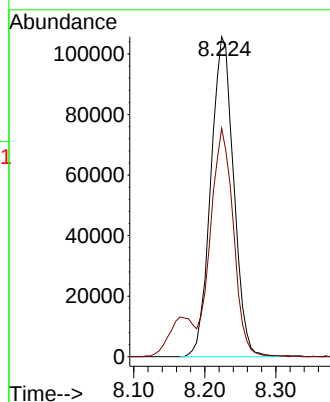
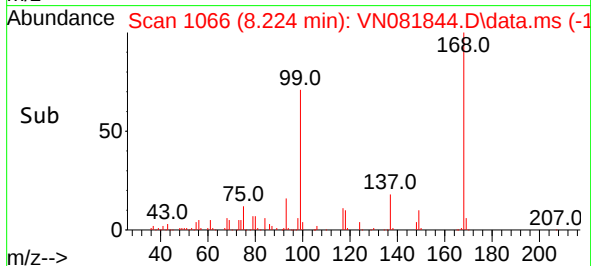
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:168 Resp: 236110
Ion Ratio Lower Upper
168 100
99 71.1 48.2 72.4

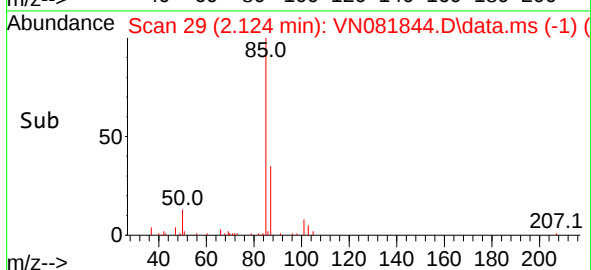
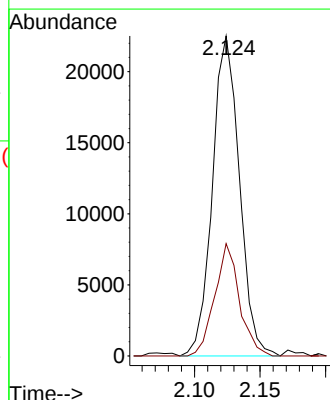
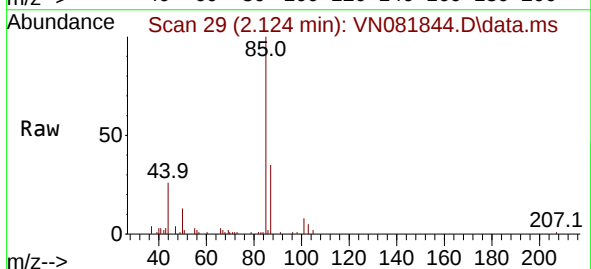
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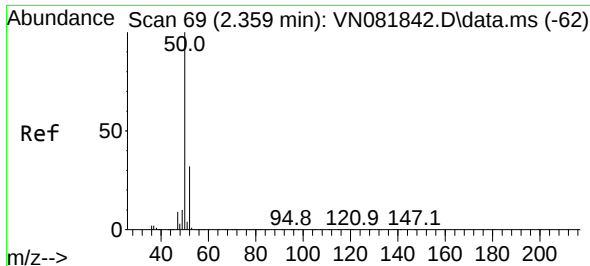
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#2
Dichlorodifluoromethane
Concen: 9.731 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion: 85 Resp: 32252
Ion Ratio Lower Upper
85 100
87 35.1 15.8 47.4





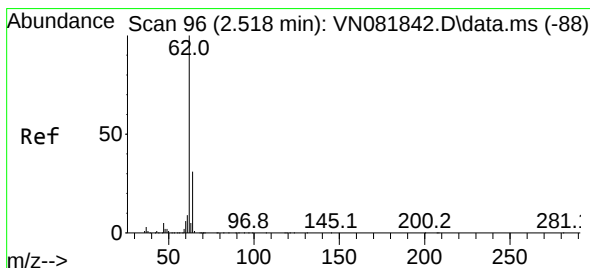
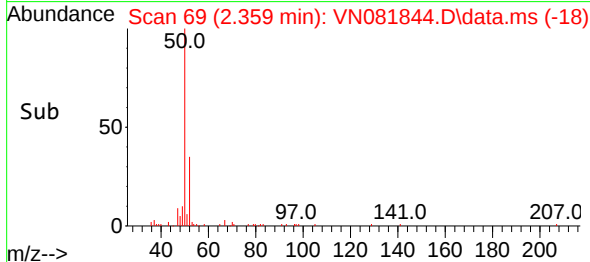
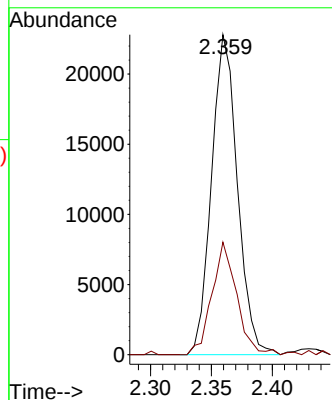
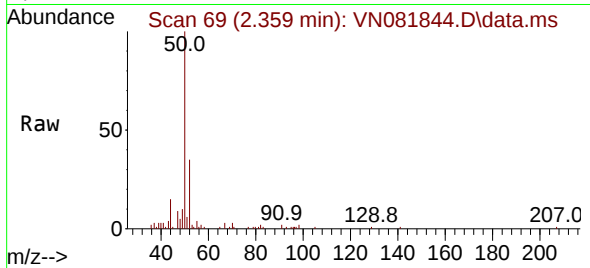
#3
Chloromethane
Concen: 9.755 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

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Tgt Ion: 50 Resp: 3373
Ion Ratio Lower Upper
50 100
52 35.2 25.5 38.3

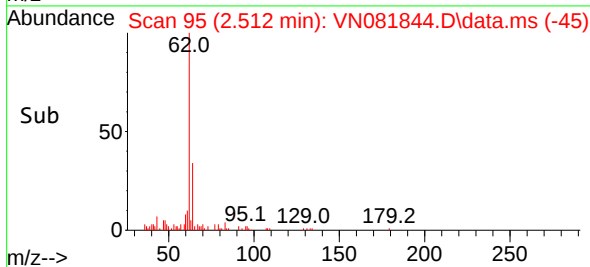
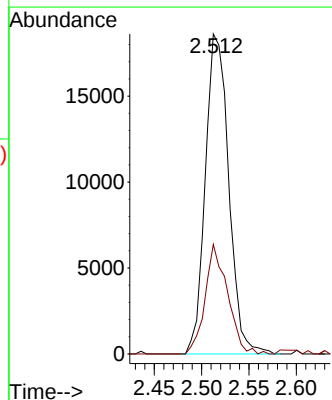
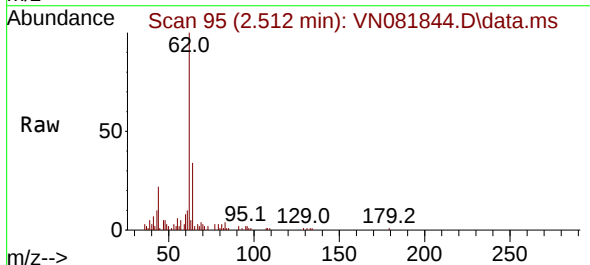
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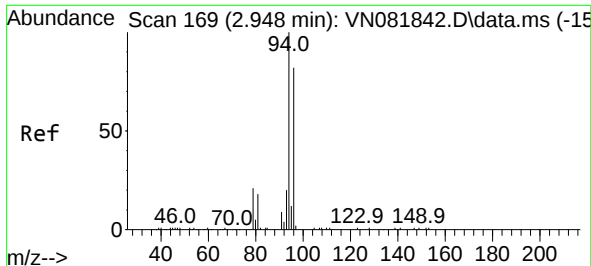
Reviewed By :John Carlone 04/26/2024
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#4
Vinyl Chloride
Concen: 10.243 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

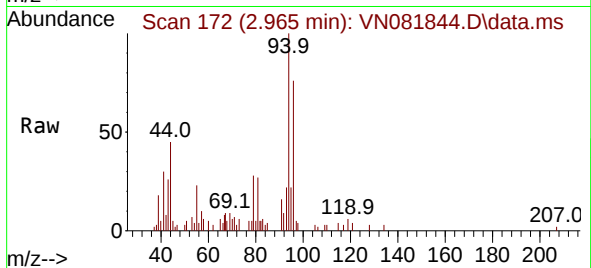
Tgt Ion: 62 Resp: 32060
Ion Ratio Lower Upper
62 100
64 34.3 24.6 37.0





#5
Bromomethane
Concen: 8.683 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

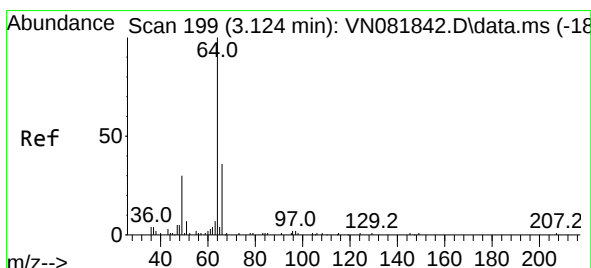
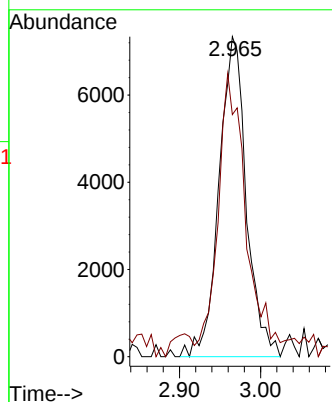
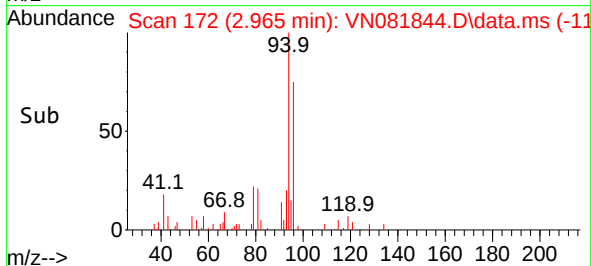
Instrument :
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Tgt Ion: 94 Resp: 17170
Ion Ratio Lower Upper
94 100
96 71.2 74.8 112.2

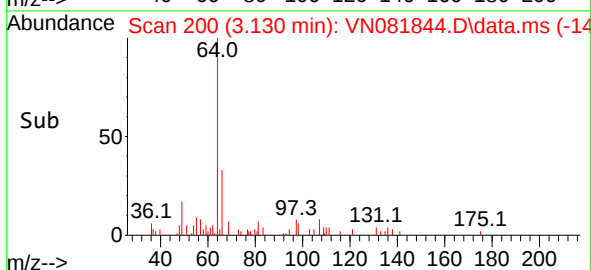
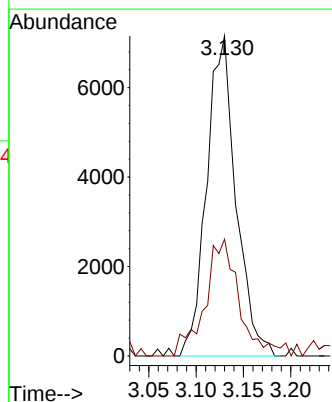
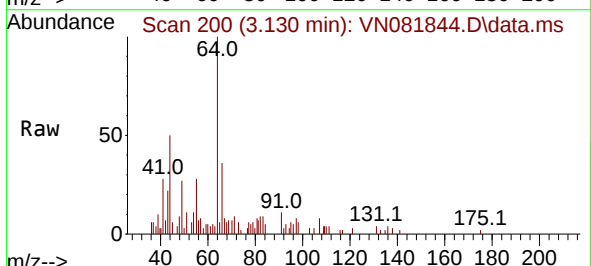
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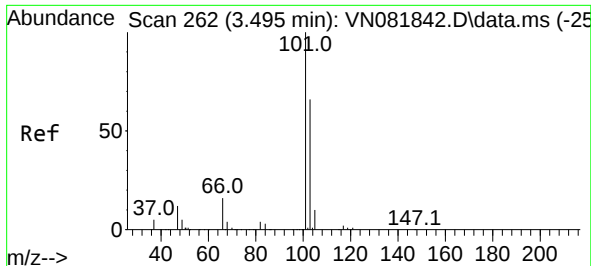
Reviewed By :John Carlone 04/26/2024
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#6
Chloroethane
Concen: 9.743 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion: 64 Resp: 15413
Ion Ratio Lower Upper
64 100
66 34.0 24.7 37.1





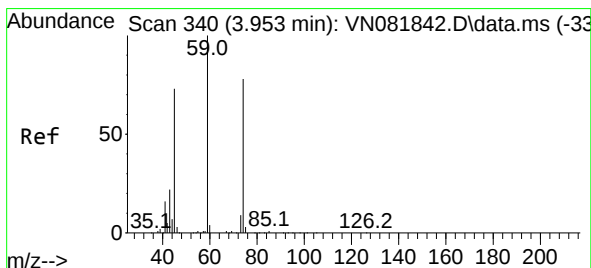
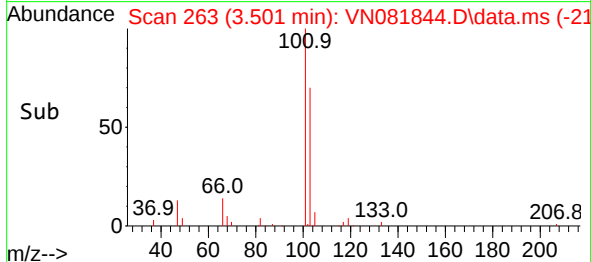
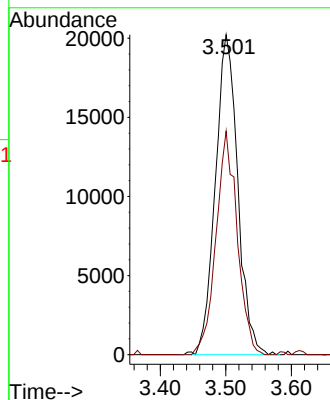
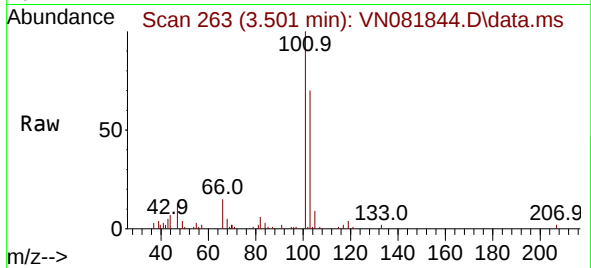
#7
Trichlorofluoromethane
Concen: 9.895 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 47909
Ion Ratio Lower Upper
101 100
103 69.8 50.6 75.8

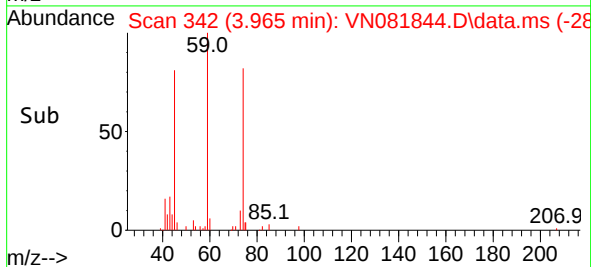
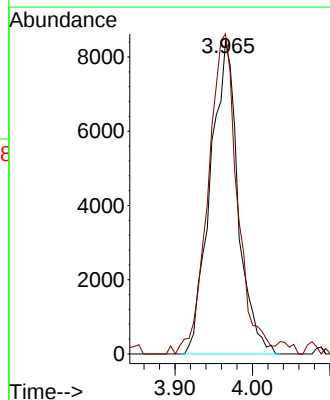
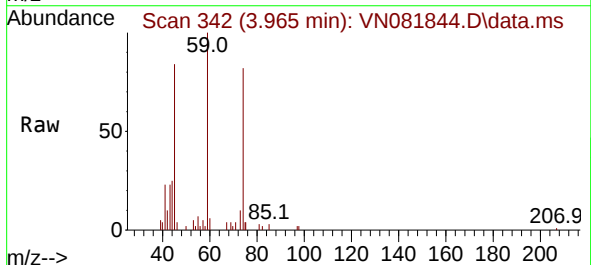
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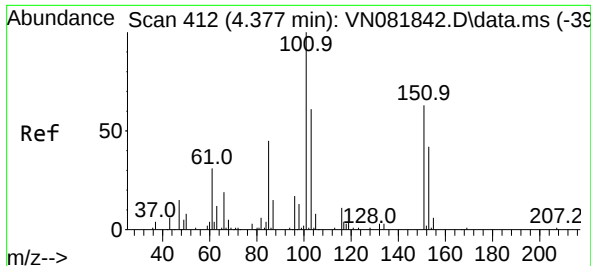
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#8
Diethyl Ether
Concen: 10.214 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion: 74 Resp: 21009
Ion Ratio Lower Upper
74 100
45 107.7 42.4 127.3





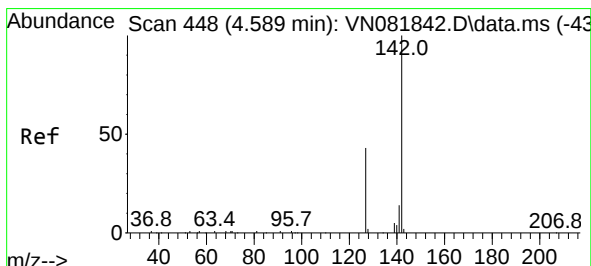
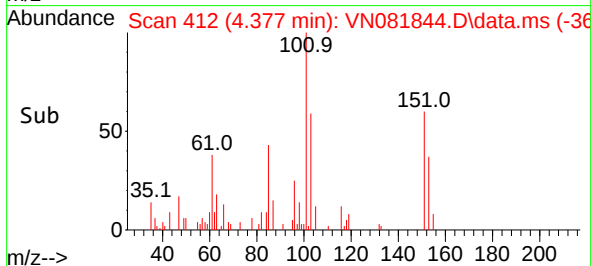
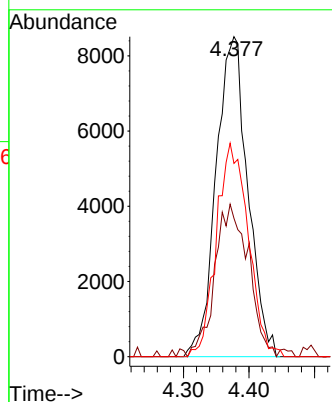
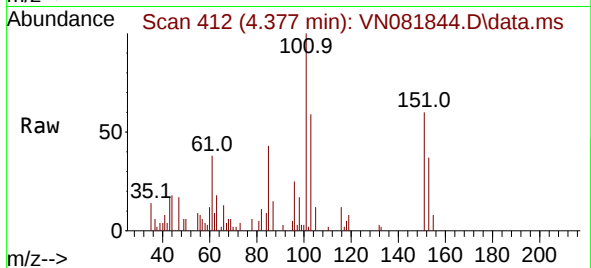
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.182 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:	101	Resp:	2862
Ion Ratio	Lower	Upper	
101	100		
85	50.5	37.3	55.9
151	67.1	59.2	88.8

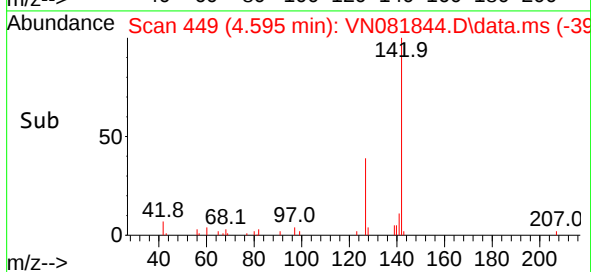
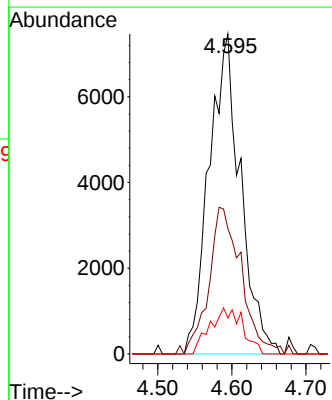
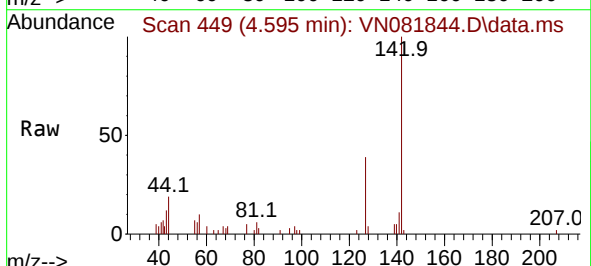
Manual Integrations
APPROVED

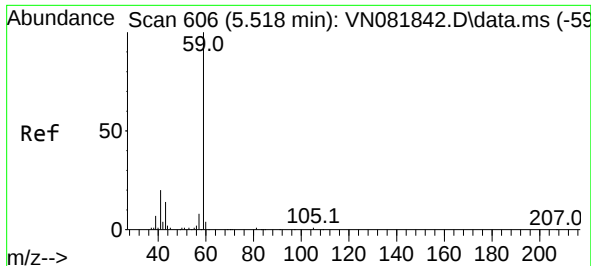
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#10
Methyl Iodide
Concen: 8.893 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

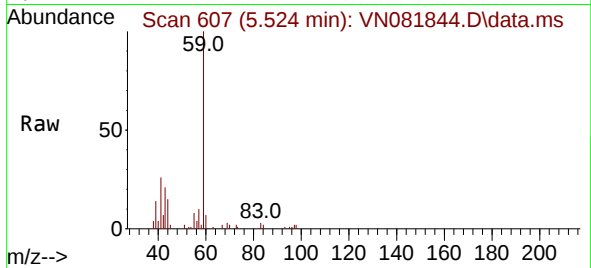
Tgt Ion:	142	Resp:	21895
Ion Ratio	Lower	Upper	
142	100		
127	36.7	35.8	53.6
141	11.3	11.4	17.2





#11
Tert butyl alcohol
Concen: 53.566 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

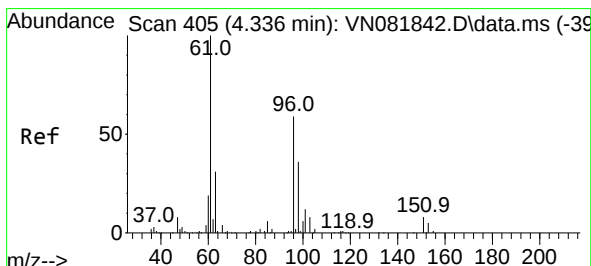
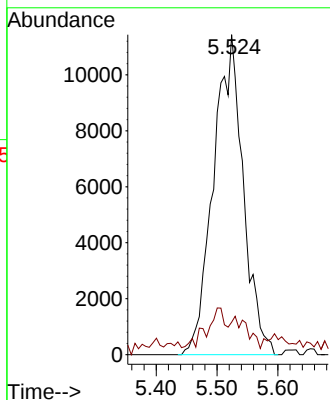
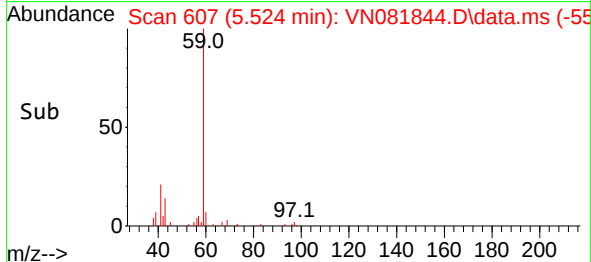
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



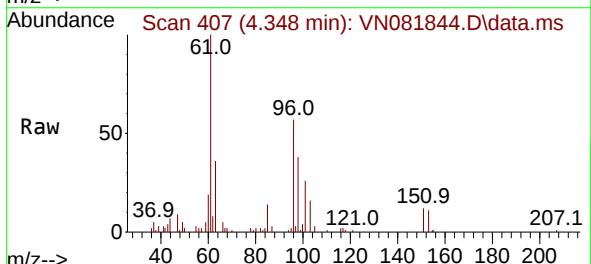
Tgt Ion: 59 Resp: 3880
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3

Manual Integrations
APPROVED

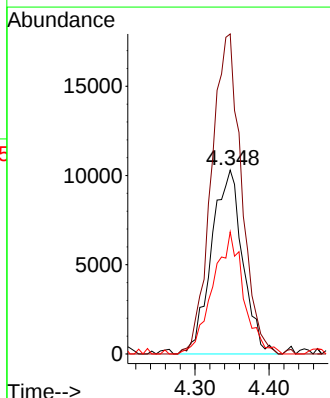
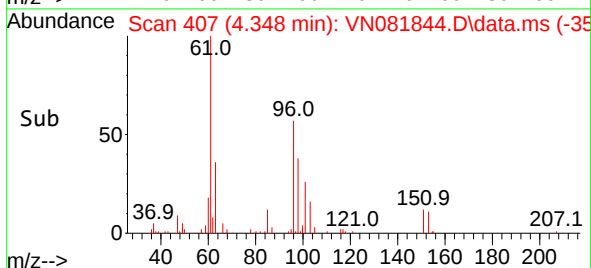
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

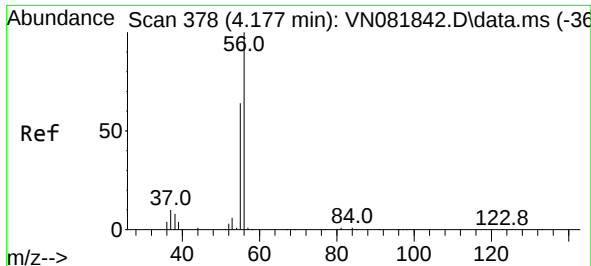


#12
1,1-Dichloroethene
Concen: 10.563 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43



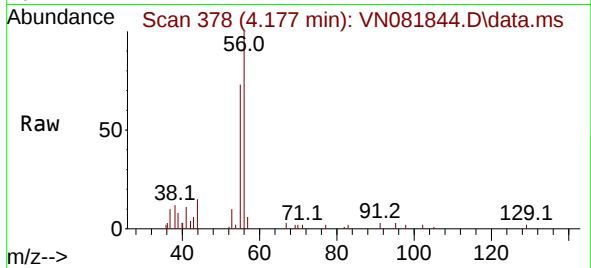
Tgt Ion: 96 Resp: 30207
Ion Ratio Lower Upper
96 100
61 174.1 119.7 179.5
98 66.4 49.6 74.4





#13
Acrolein
Concen: 47.399 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

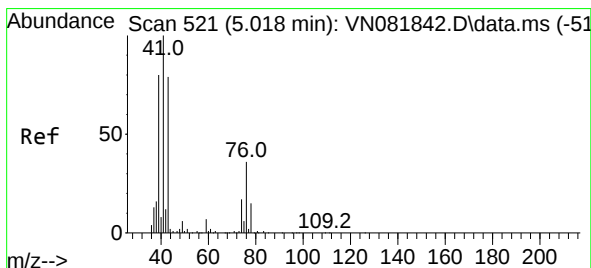
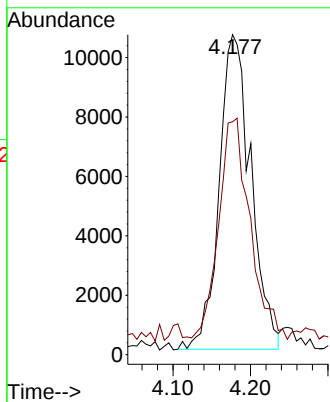
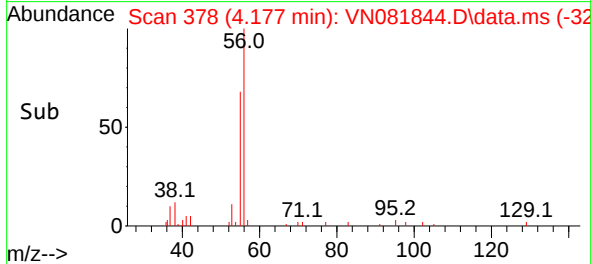
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 30139
Ion Ratio Lower Upper
56 100
55 70.5 55.8 83.8

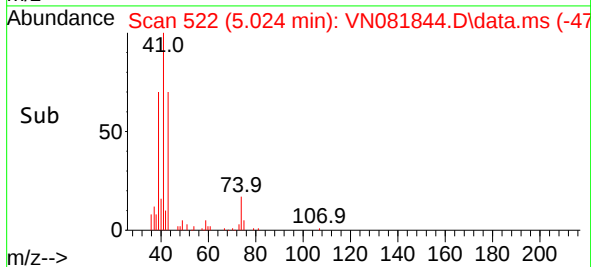
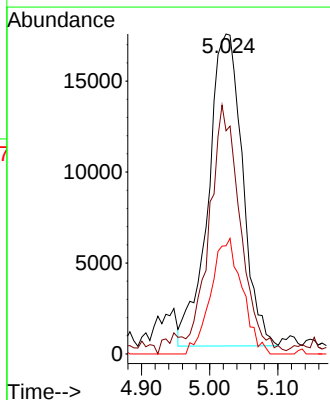
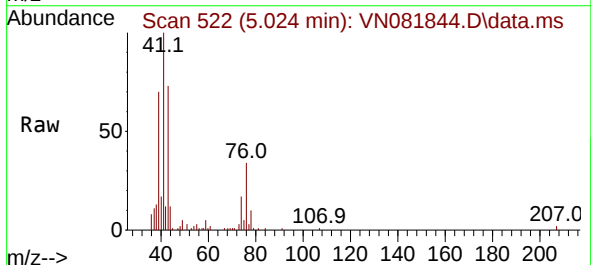
Manual Integrations
APPROVED

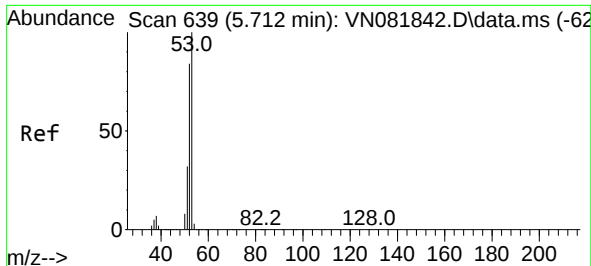
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#14
Allyl chloride
Concen: 9.880 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

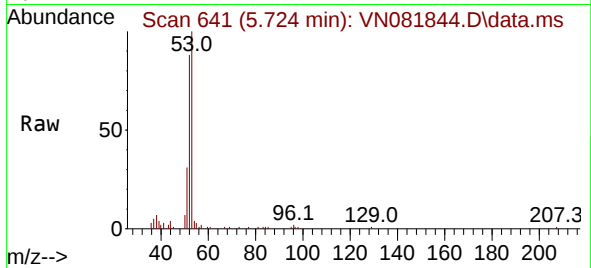
Tgt Ion: 41 Resp: 59767
Ion Ratio Lower Upper
41 100
39 70.4 65.4 98.0
76 33.9 37.3 55.9





#15
Acrylonitrile
Concen: 48.149 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

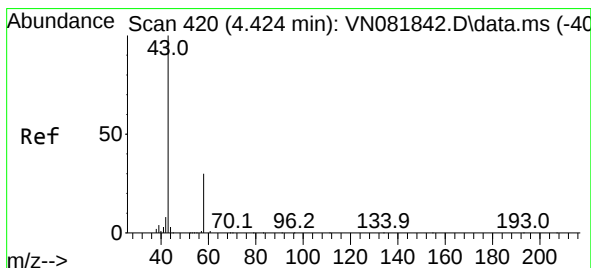
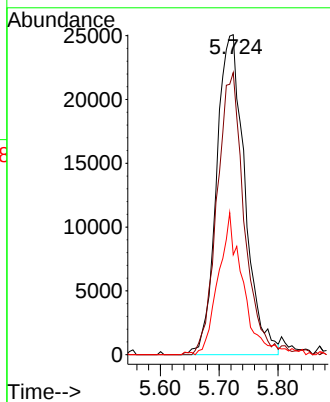
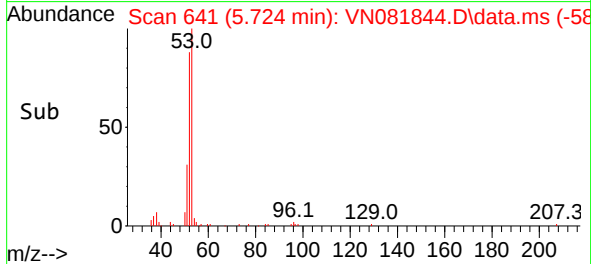
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 53 Resp: 83758
Ion Ratio Lower Upper
53 100
52 83.8 66.1 99.1
51 39.3 29.4 44.2

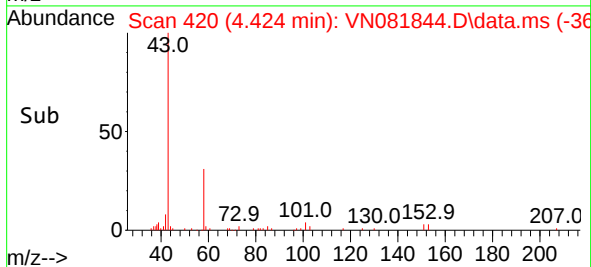
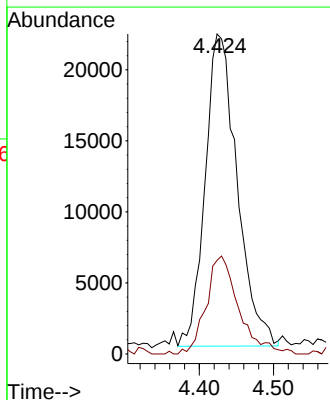
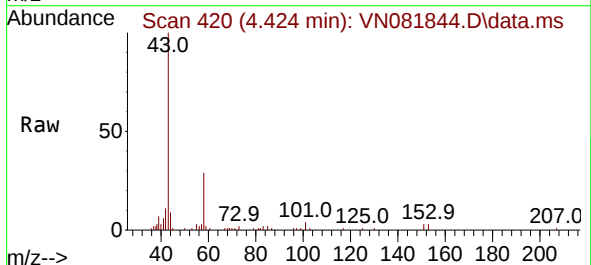
Manual Integrations
APPROVED

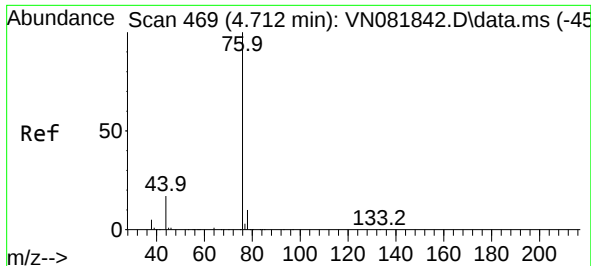
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#16
Acetone
Concen: 51.641 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion: 43 Resp: 65925
Ion Ratio Lower Upper
43 100
58 30.0 25.2 37.8





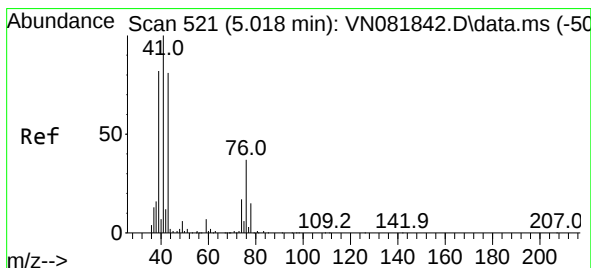
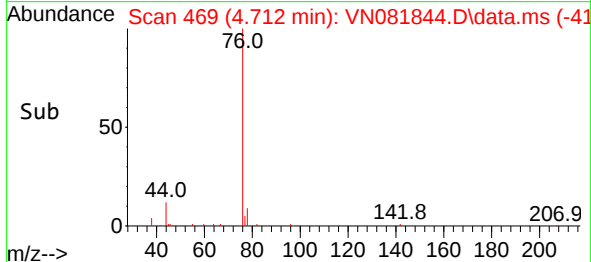
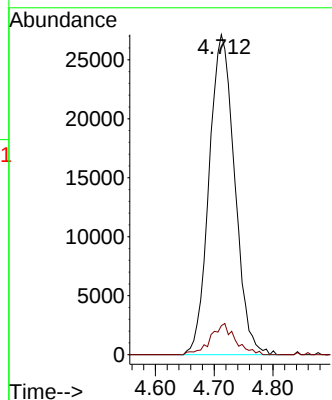
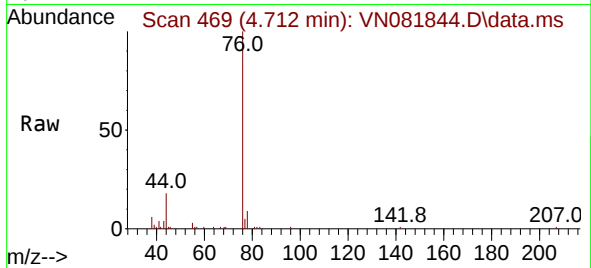
#17
Carbon Disulfide
Concen: 9.548 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC010

Tgt Ion: 76 Resp: 8207
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

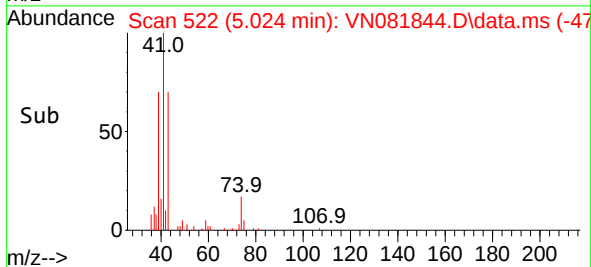
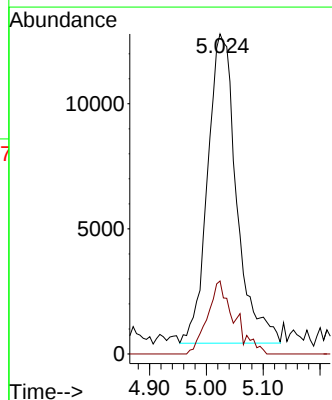
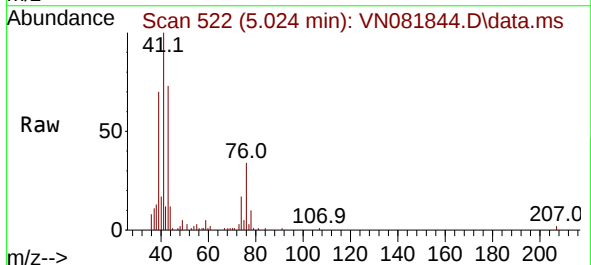
Manual Integrations
APPROVED

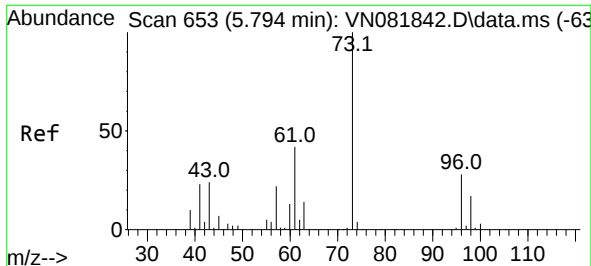
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#18
Methyl Acetate
Concen: 10.847 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

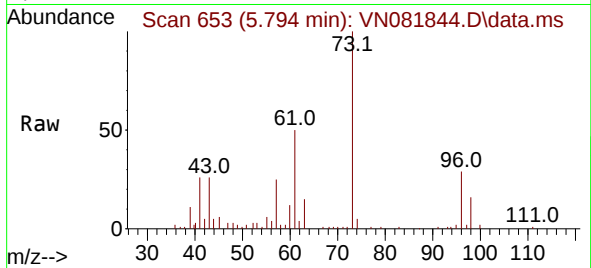
Tgt Ion: 43 Resp: 43783
Ion Ratio Lower Upper
43 100
74 22.0 22.2 33.2#





#19
Methyl tert-butyl Ether
Concen: 10.165 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

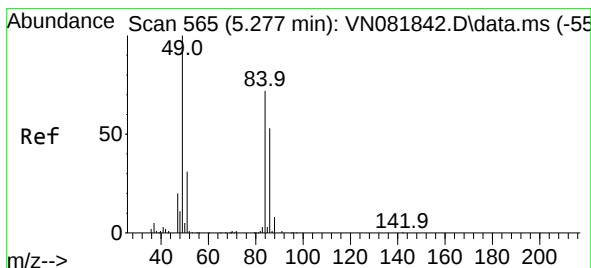
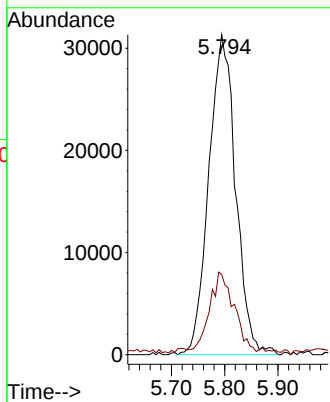
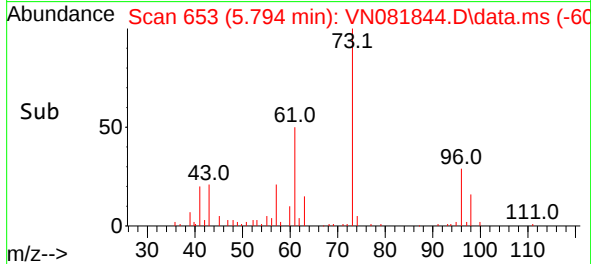
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 73 Resp: 109689
Ion Ratio Lower Upper
73 100
57 24.2 16.5 24.7

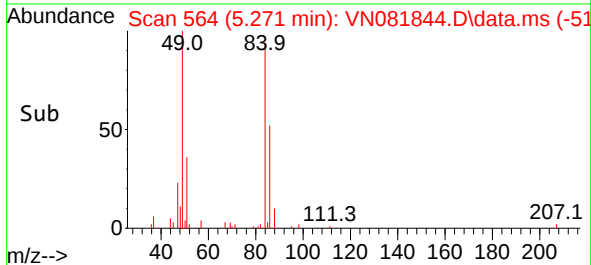
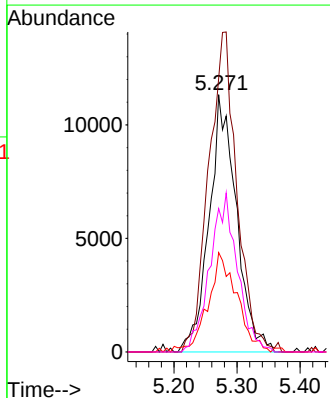
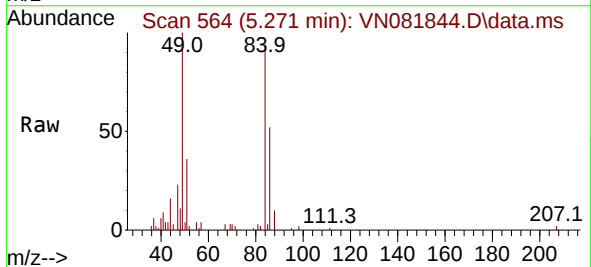
Manual Integrations
APPROVED

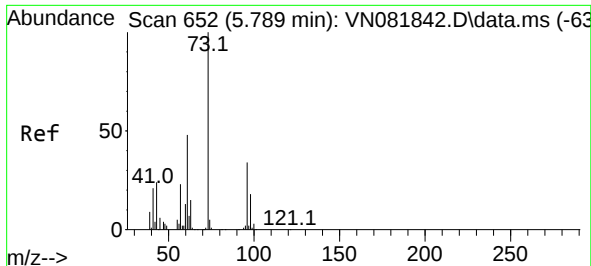
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#20
Methylene Chloride
Concen: 9.978 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

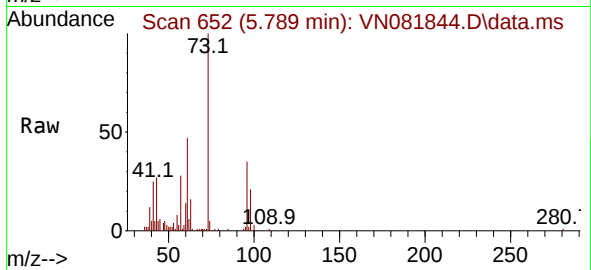
Tgt Ion: 84 Resp: 34076
Ion Ratio Lower Upper
84 100
49 106.4 84.9 127.3
51 37.1 27.0 40.6
86 55.7 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 9.716 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

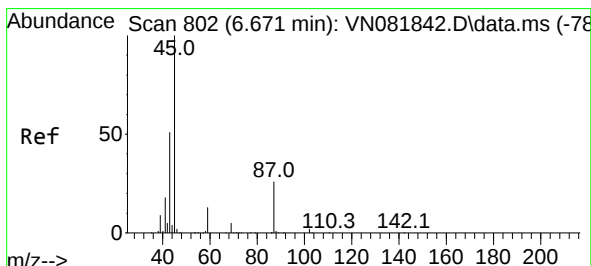
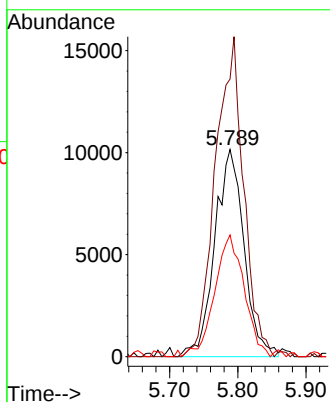
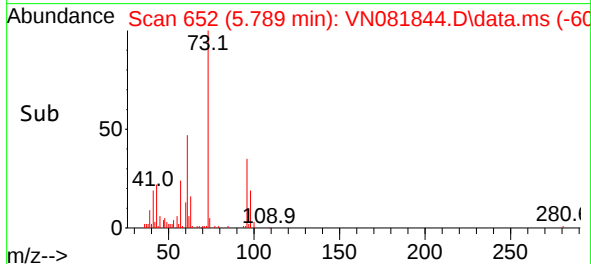
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 96 Resp: 30290
Ion Ratio Lower Upper
96 100
61 133.9 96.5 144.7
98 55.7 51.3 76.9

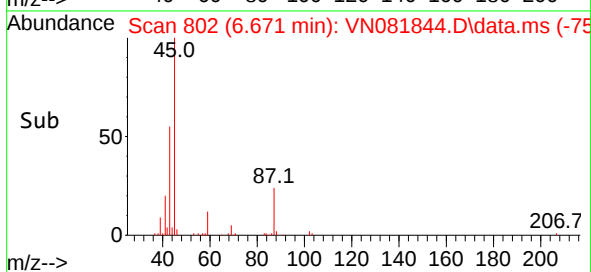
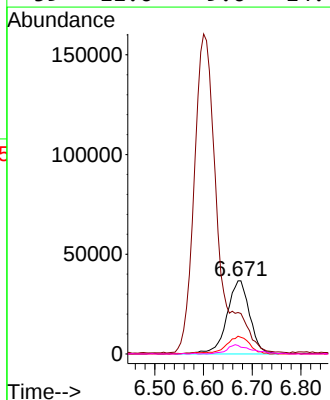
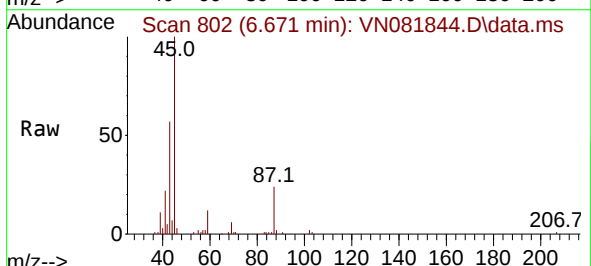
Manual Integrations
APPROVED

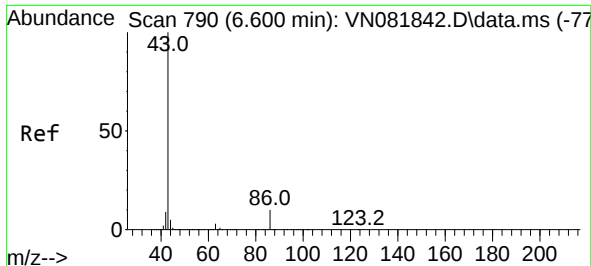
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#22
Diisopropyl ether
Concen: 10.182 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion: 45 Resp: 119187
Ion Ratio Lower Upper
45 100
43 53.7 44.1 66.1
87 24.3 27.0 40.6#
59 11.6 9.6 14.4





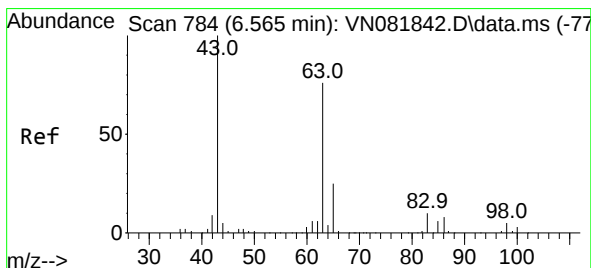
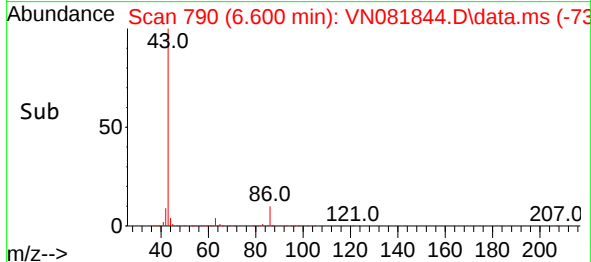
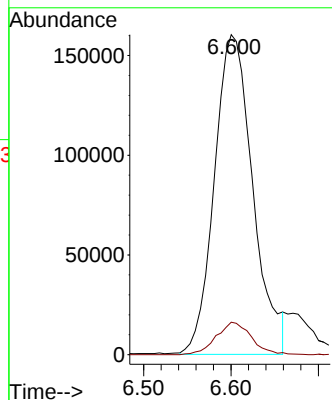
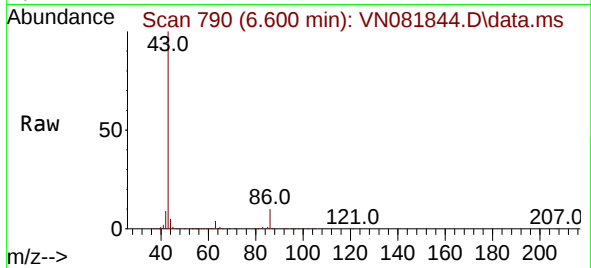
#23
 Vinyl Acetate
 Concen: 51.493 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081844.D
 Acq: 25 Apr 2024 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 48974
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.2 15.4

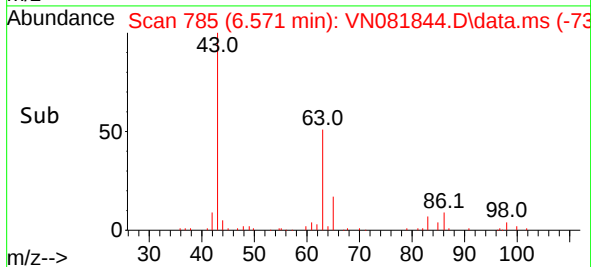
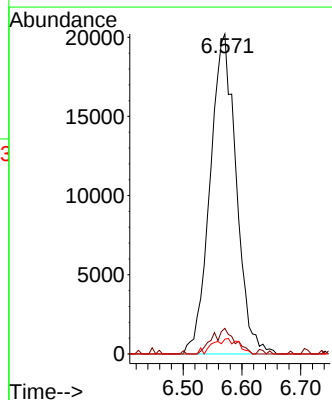
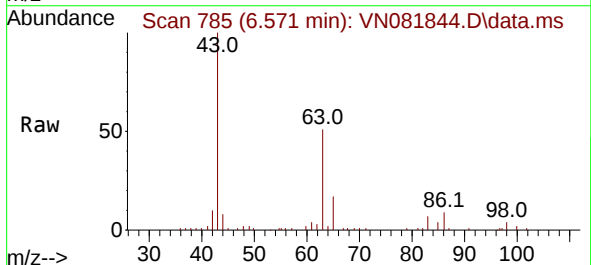
Manual Integrations
 APPROVED

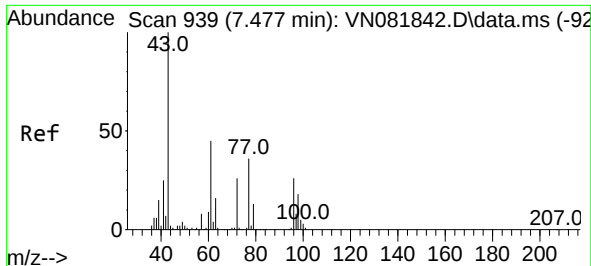
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#24
 1,1-Dichloroethane
 Concen: 10.231 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081844.D
 Acq: 25 Apr 2024 11:43

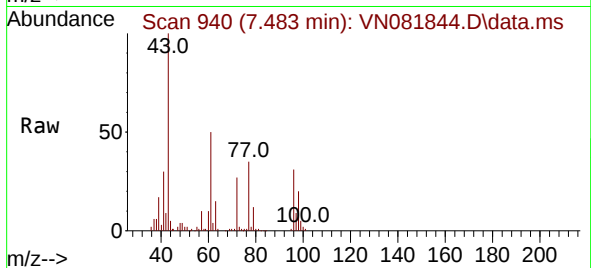
Tgt Ion: 63 Resp: 62335
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.9
 100 4.6 2.6 7.8





#25
2-Butanone
Concen: 50.218 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

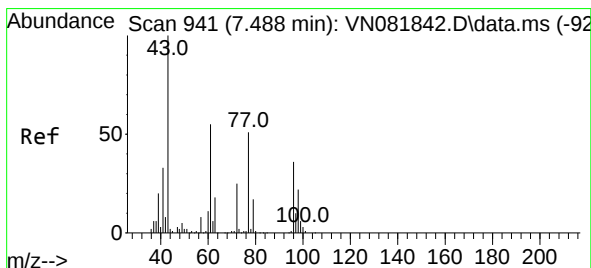
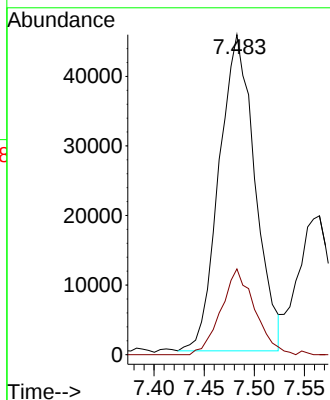
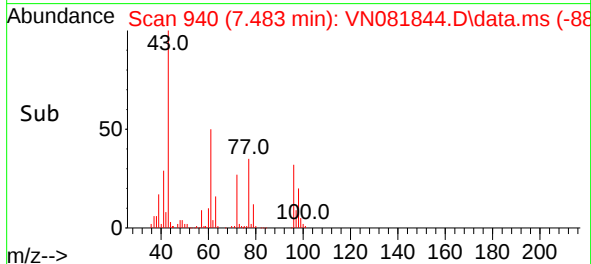
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 11358
Ion Ratio Lower Upper
43 100
72 27.1 25.3 37.9

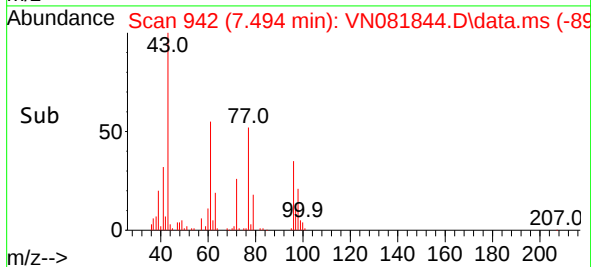
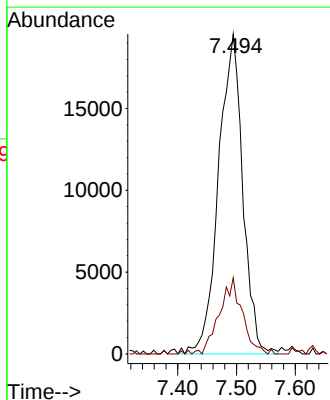
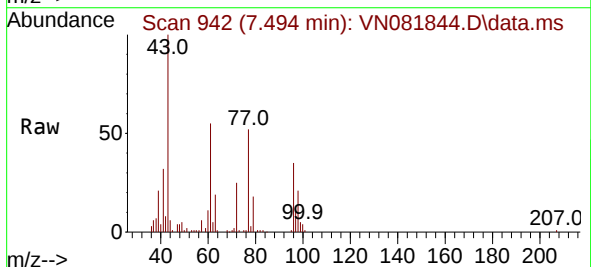
Manual Integrations
APPROVED

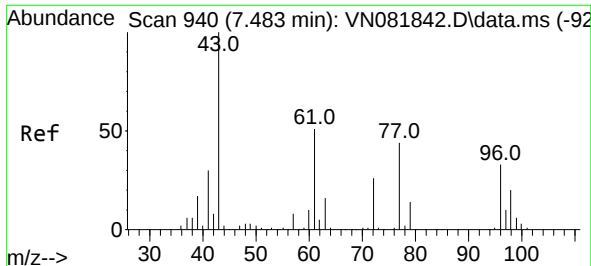
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#26
2,2-Dichloropropane
Concen: 9.993 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion: 77 Resp: 56009
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.9





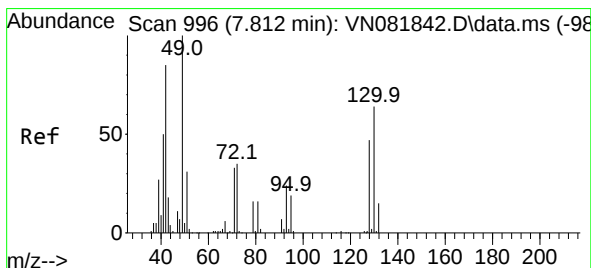
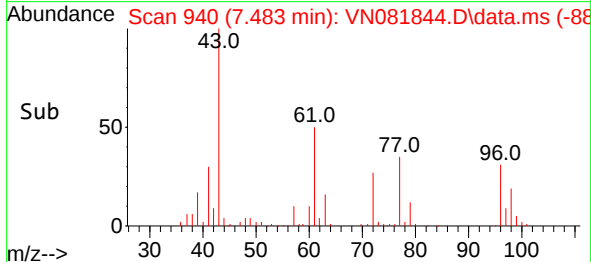
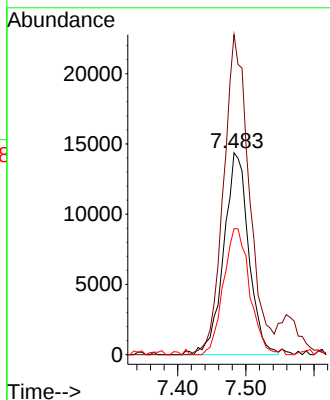
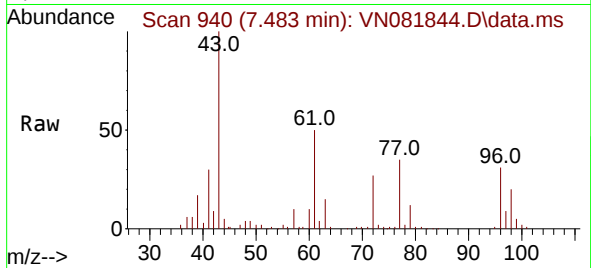
#27
 cis-1,2-Dichloroethene
 Concen: 10.043 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN081844.D
 Acq: 25 Apr 2024 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 36592
 Ion Ratio Lower Upper
 96 100
 61 163.1 0.0 268.0
 98 65.9 0.0 126.8

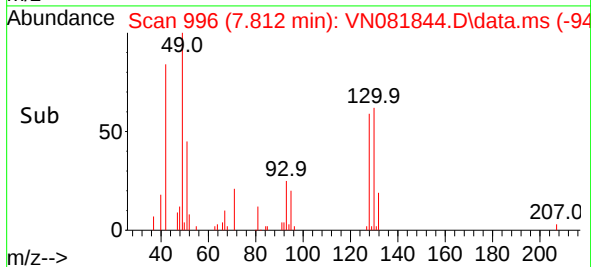
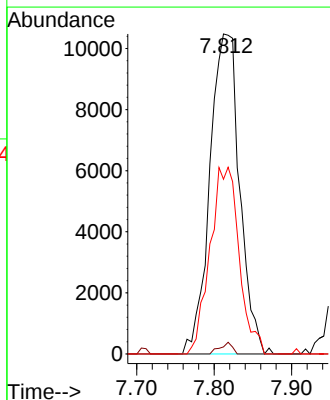
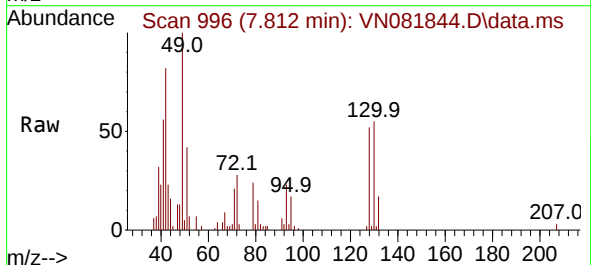
Manual Integrations
 APPROVED

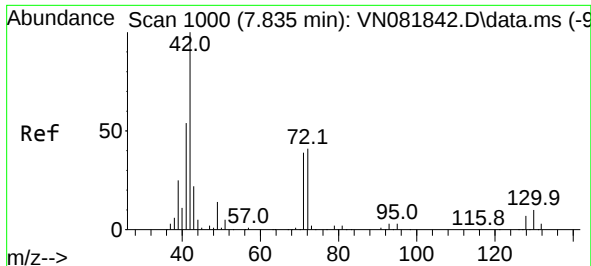
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#28
 Bromochloromethane
 Concen: 9.699 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081844.D
 Acq: 25 Apr 2024 11:43

Tgt Ion: 49 Resp: 28084
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 56.9 66.7 100.1#





#29

Tetrahydrofuran

Concen: 50.968 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081844.D

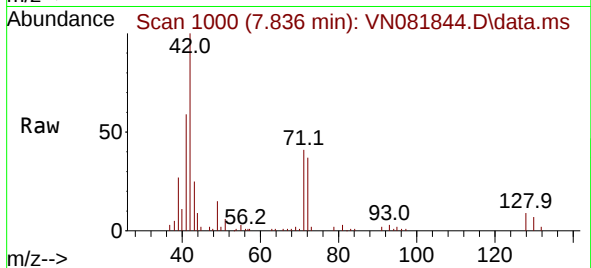
Acq: 25 Apr 2024 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010



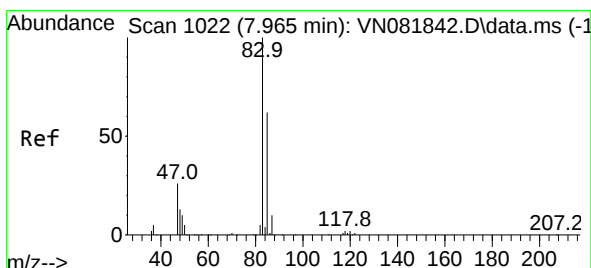
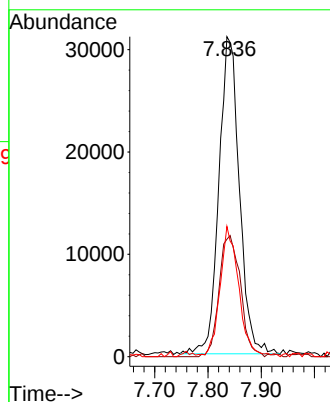
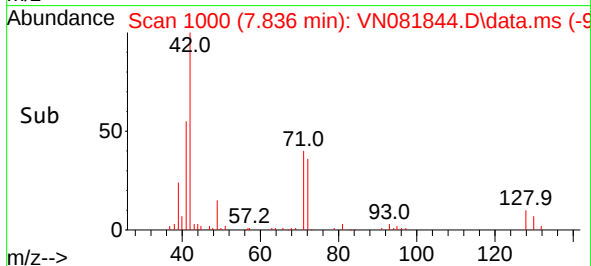
Tgt Ion: 42	Resp: 8266
Ion Ratio	Lower Upper
42	100
72	39.9 39.3 58.9
71	37.8 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#30

Chloroform

Concen: 9.802 ug/l

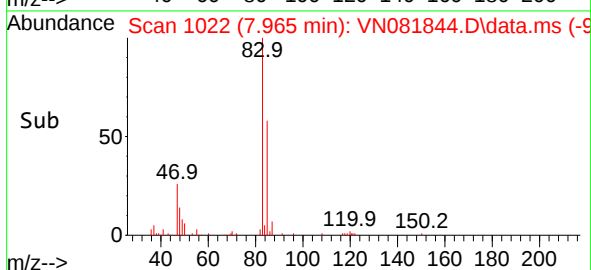
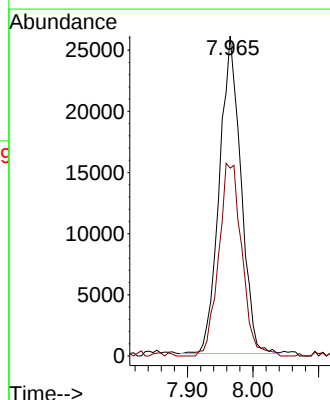
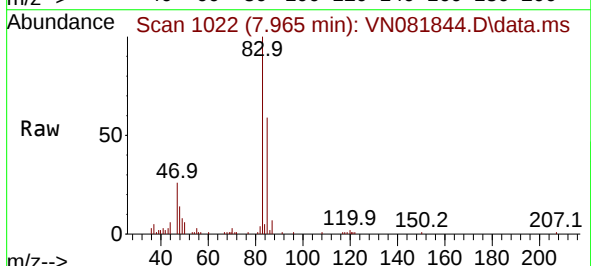
RT: 7.965 min Scan# 1022

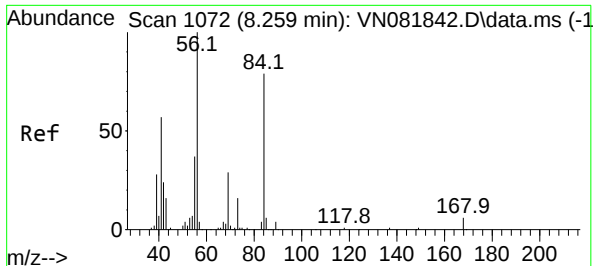
Delta R.T. 0.000 min

Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

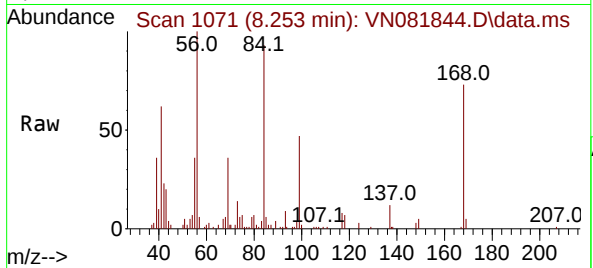
Tgt Ion: 83	Resp: 59197
Ion Ratio	Lower Upper
83	100
85	59.2 50.7 76.1





#31
Cyclohexane
Concen: 10.340 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

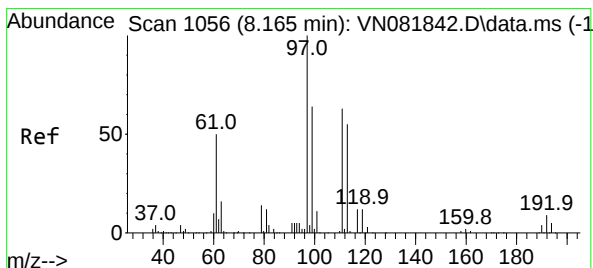
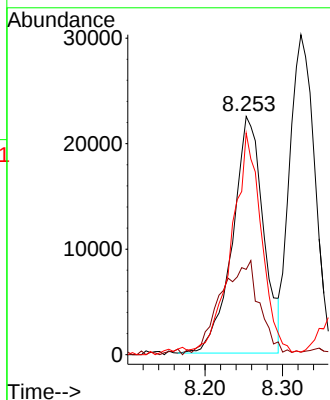
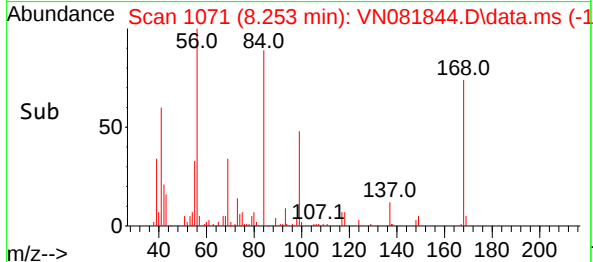
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



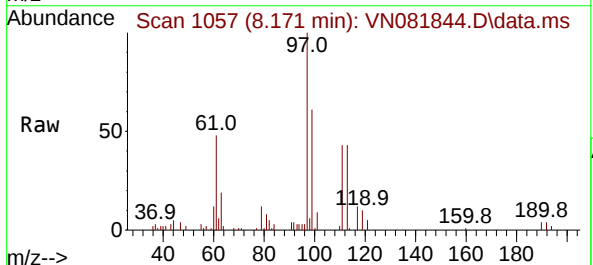
Tgt Ion: 56 Resp: 62072
Ion Ratio Lower Upper
56 100
69 33.7 24.4 36.6
84 91.2 77.0 115.4

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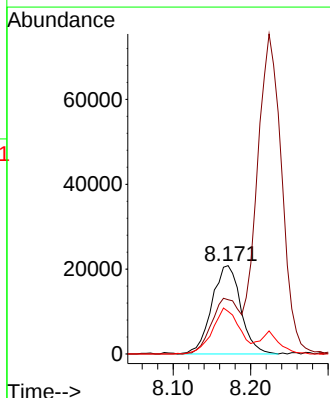
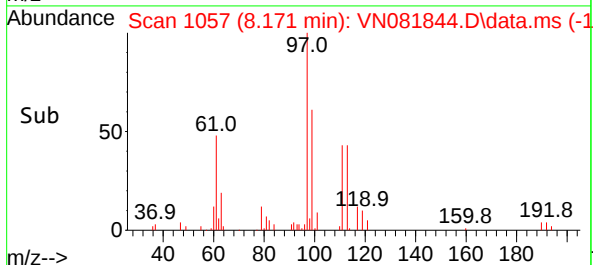
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

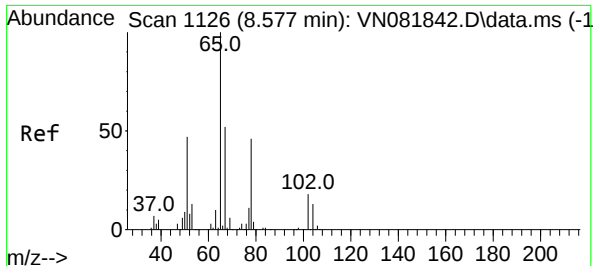


#32
1,1,1-Trichloroethane
Concen: 10.025 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43



Tgt Ion: 97 Resp: 53988
Ion Ratio Lower Upper
97 100
99 60.4 50.3 75.5
61 48.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 8.250 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 32878

Ion Ratio Lower Upper

65 100

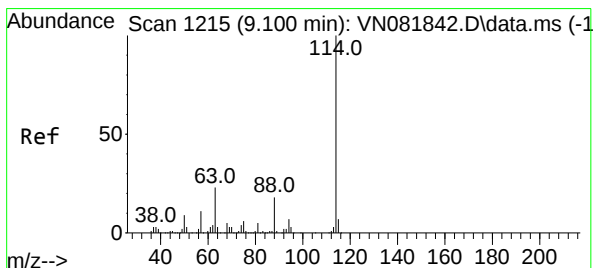
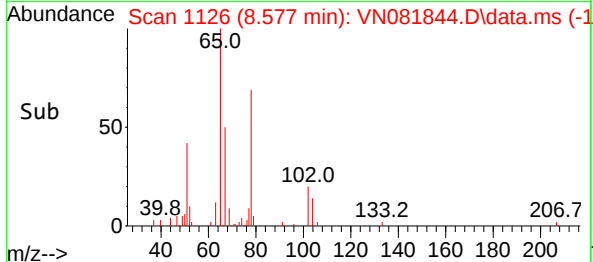
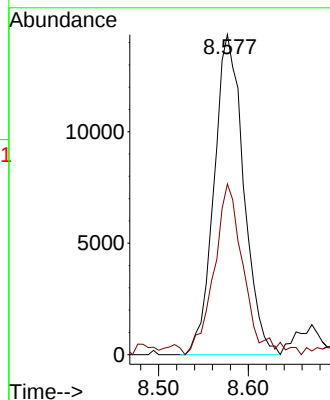
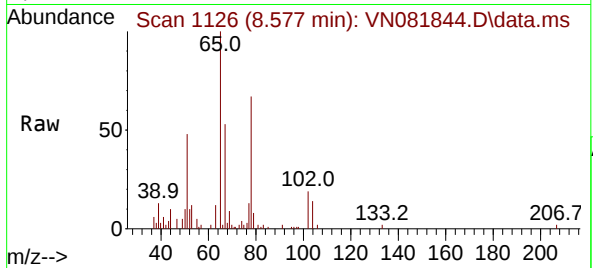
67 53.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

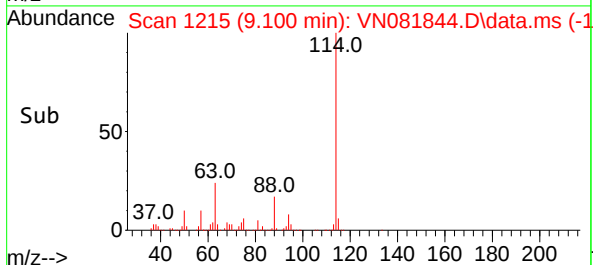
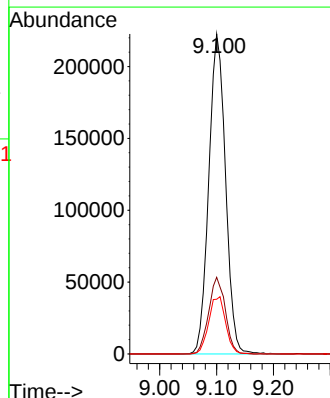
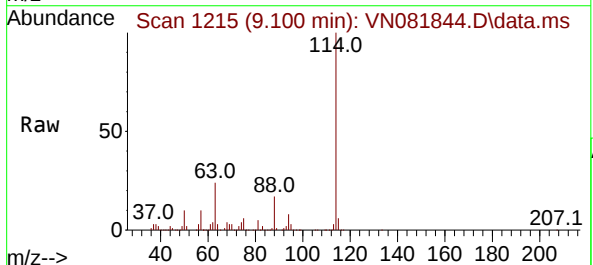
Tgt Ion:114 Resp: 453937

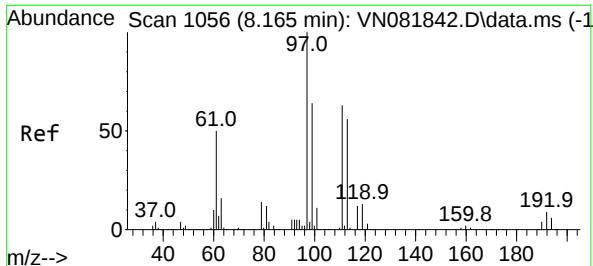
Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 17.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 7.733 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

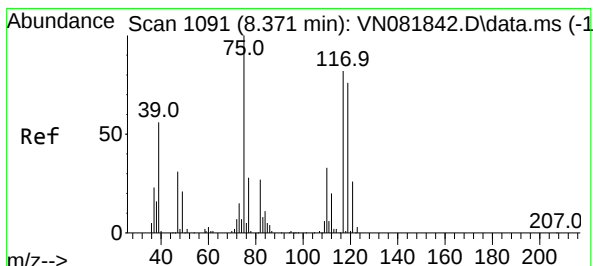
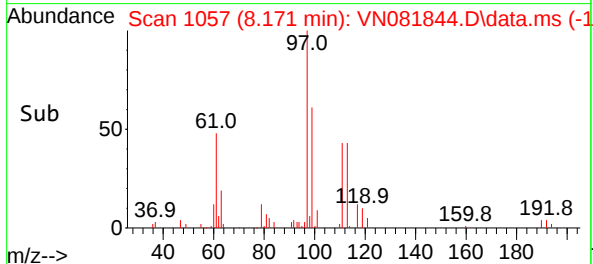
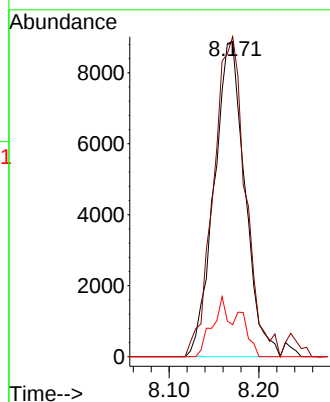
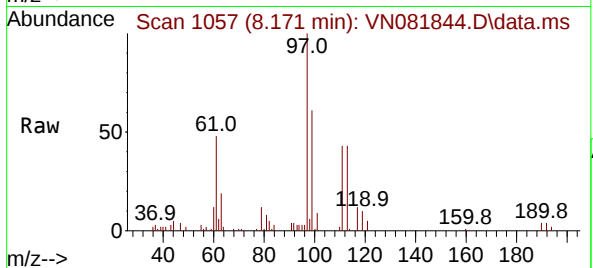
Tgt Ion:	113	Resp:	21130
Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.4	125.2
192	10.7	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#36

1,1-Dichloropropene

Concen: 9.563 ug/l

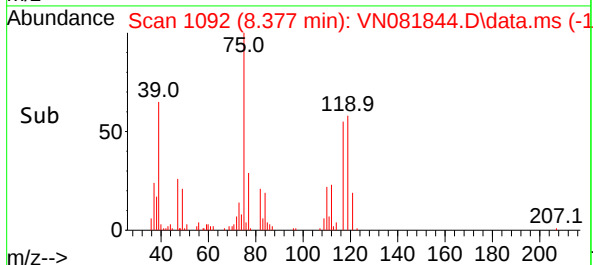
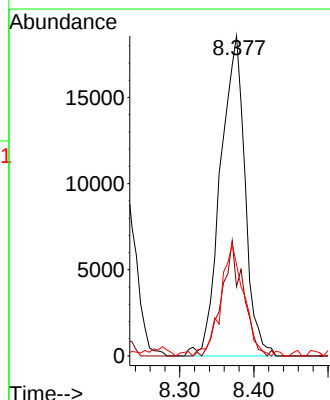
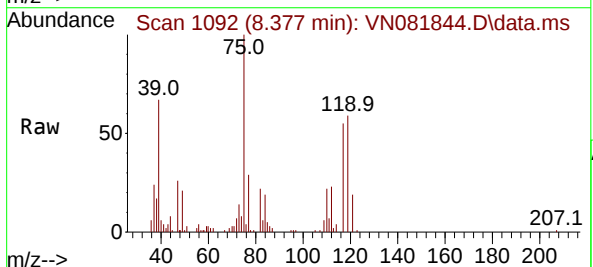
RT: 8.377 min Scan# 1092

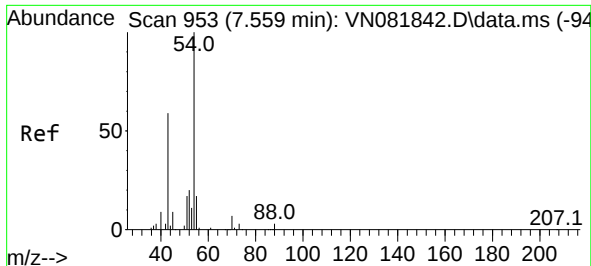
Delta R.T. 0.006 min

Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

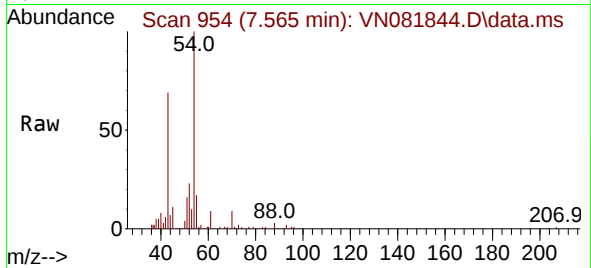
Tgt Ion:	75	Resp:	42520
Ion	Ratio	Lower	Upper
75	100		
110	31.9	17.8	53.5
77	33.3	25.0	37.4





#37
Ethyl Acetate
Concen: 9.702 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

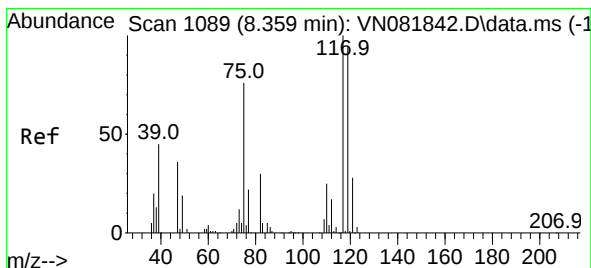
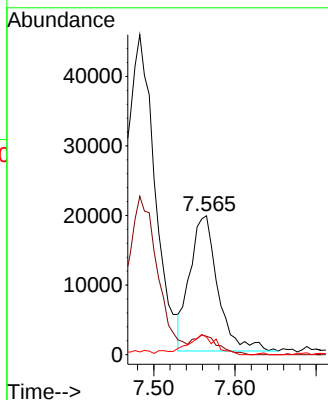
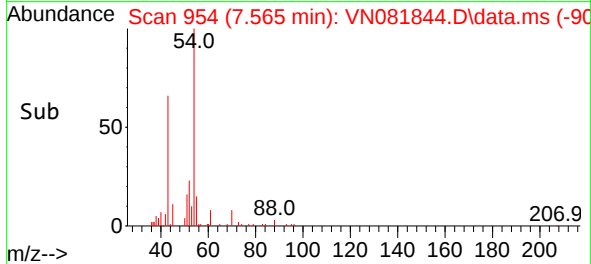
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 4664
Ion Ratio Lower Upper
43 100
61 13.0 11.3 16.9
70 14.7 8.7 13.1

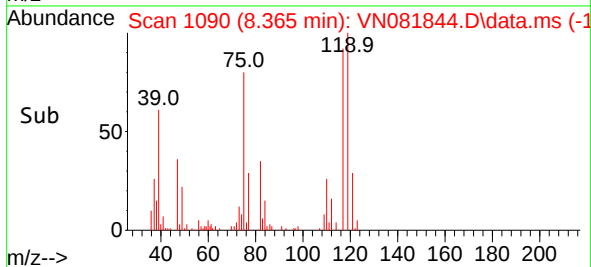
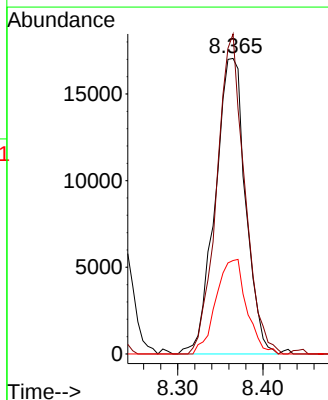
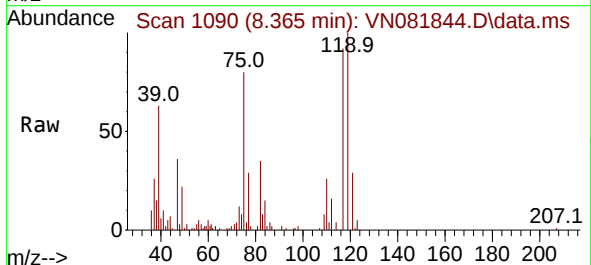
Manual Integrations
APPROVED

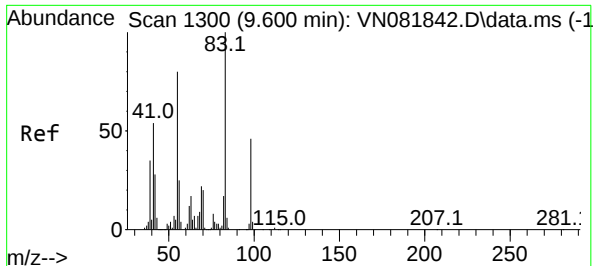
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#38
Carbon Tetrachloride
Concen: 9.746 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion:117 Resp: 42352
Ion Ratio Lower Upper
117 100
119 108.3 76.5 114.7
121 31.6 23.9 35.9





#39

Methylcyclohexane

Concen: 9.621 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

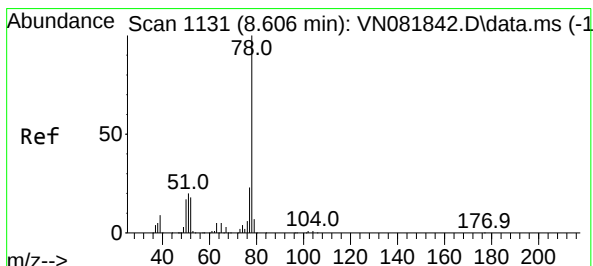
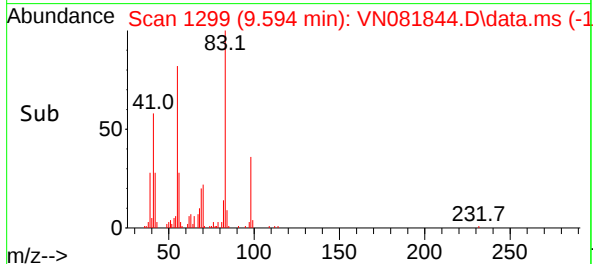
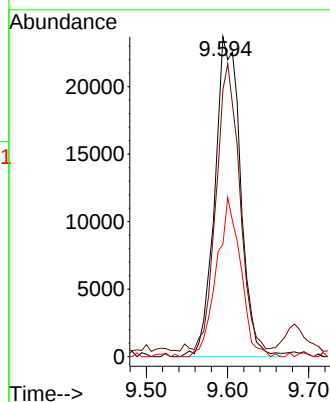
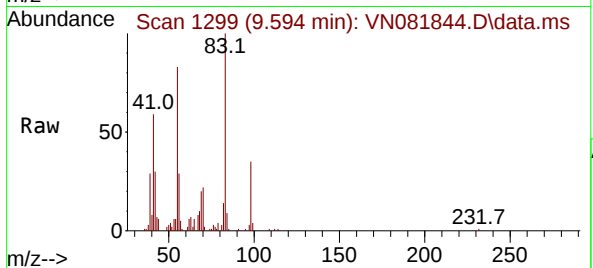
Tgt Ion: 83	Resp: 51950
Ion Ratio	Lower Upper
83 100	
55 81.6	53.0 79.6
98 35.2	37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#40

Benzene

Concen: 10.213 ug/l

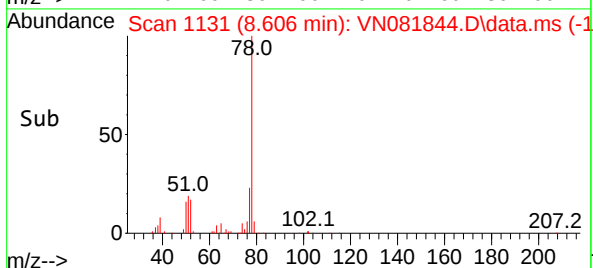
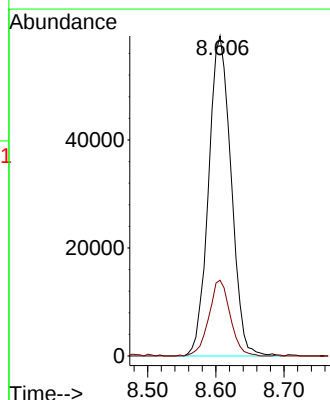
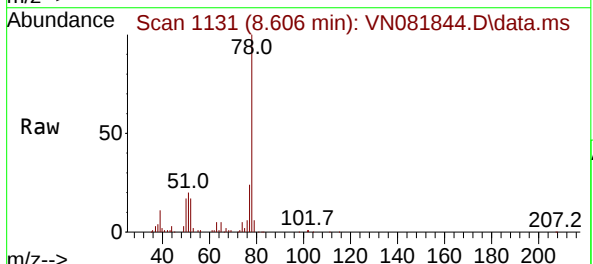
RT: 8.606 min Scan# 1131

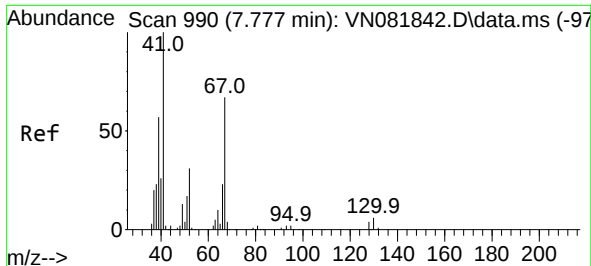
Delta R.T. 0.000 min

Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

Tgt Ion: 78	Resp: 136323
Ion Ratio	Lower Upper
78 100	
77 23.4	20.0 30.0





#41
Methacrylonitrile
Concen: 10.375 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

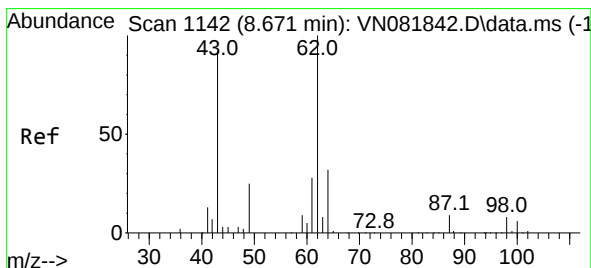
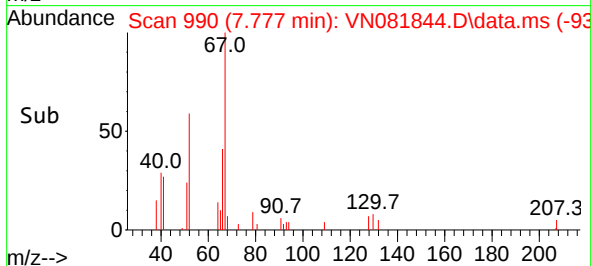
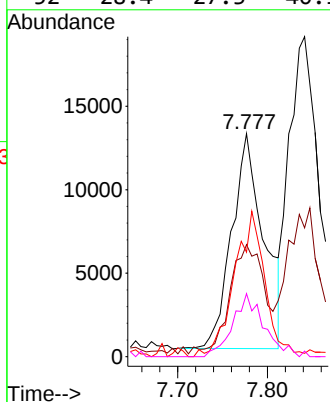
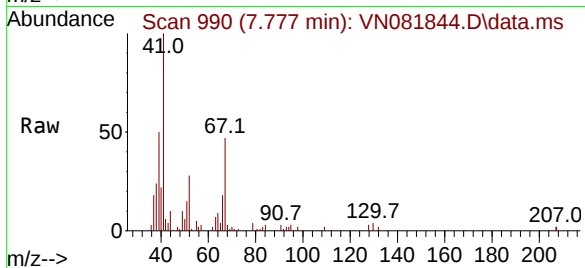
Tgt Ion: 41 Resp: 3182
Ion Ratio Lower Upper
41 100
39 54.6 46.6 69.8
67 64.7 67.3 100.9
52 28.4 27.3 40.9

Manual Integrations

APPROVED

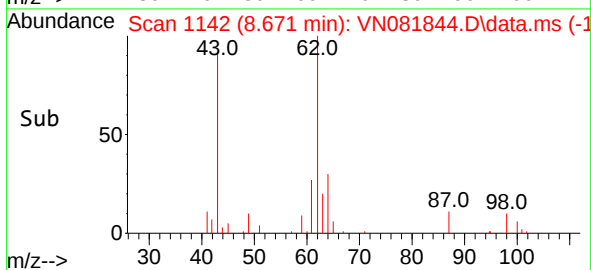
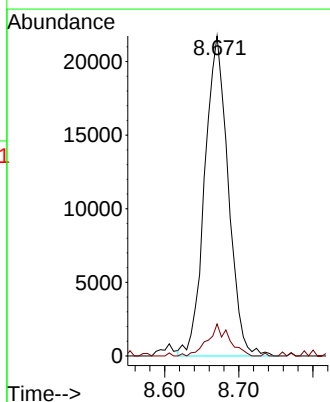
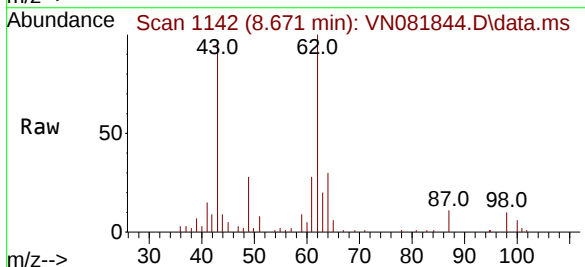
Reviewed By :John Carlone 04/26/2024

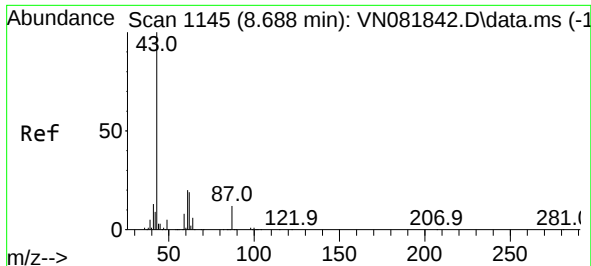
Supervised By :Mahesh Dadoda 04/26/2024



#42
1,2-Dichloroethane
Concen: 9.665 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

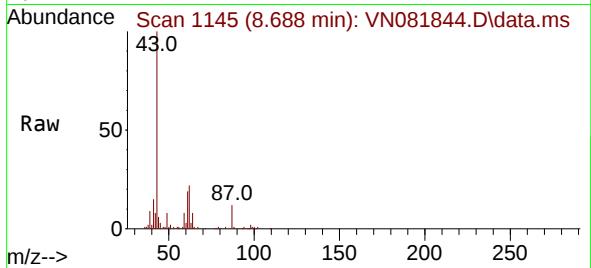
Tgt Ion: 62 Resp: 47906
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.6





#43
Isopropyl Acetate
Concen: 9.832 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

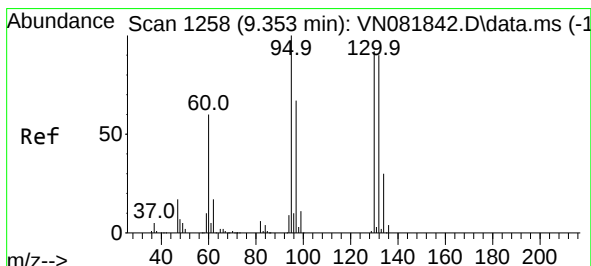
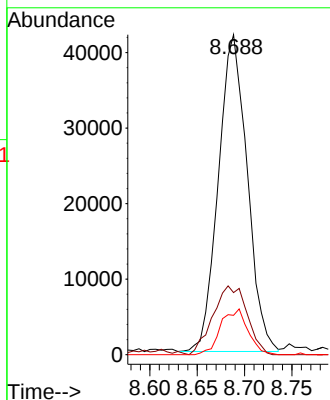
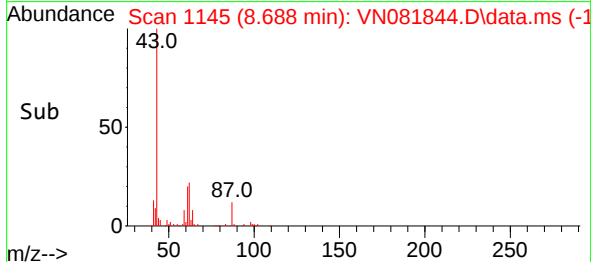
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



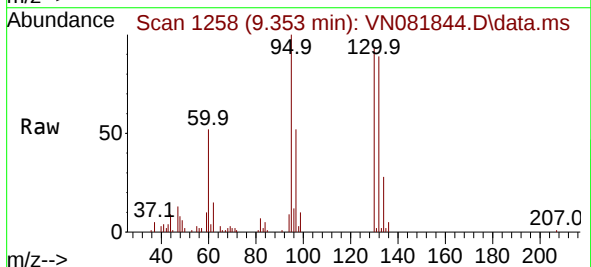
Tgt Ion: 43 Resp: 88880
Ion Ratio Lower Upper
43 100
61 25.6 22.8 34.2
87 13.6 12.0 18.0

Manual Integrations
APPROVED

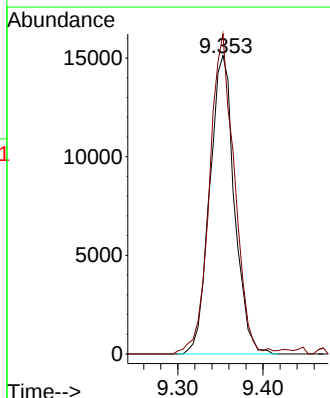
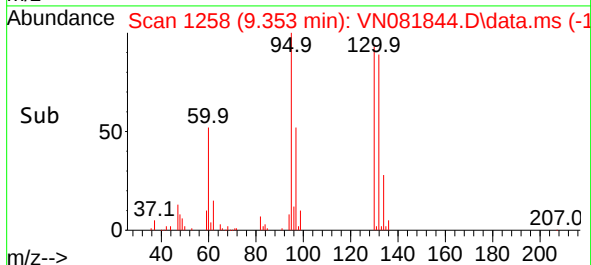
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

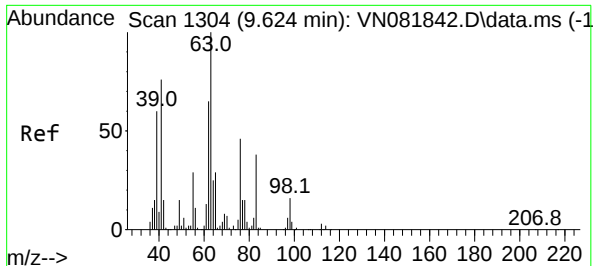


#44
Trichloroethene
Concen: 9.902 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43



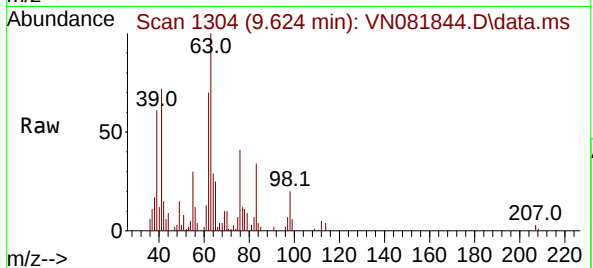
Tgt Ion:130 Resp: 30472
Ion Ratio Lower Upper
130 100
95 106.2 0.0 195.4





#45
1,2-Dichloropropane
Concen: 9.727 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

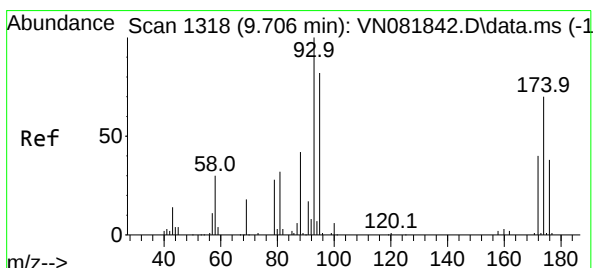
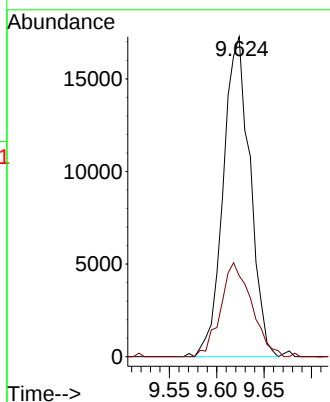
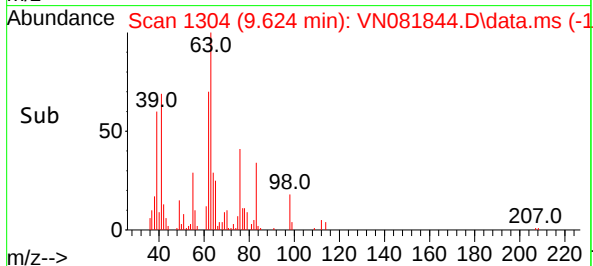
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



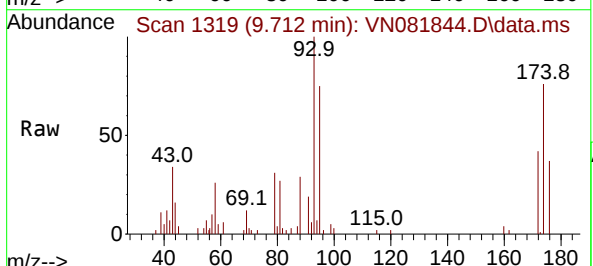
Tgt Ion: 63 Resp: 33978
Ion Ratio Lower Upper
63 100
65 25.3 24.1 36.1

Manual Integrations
APPROVED

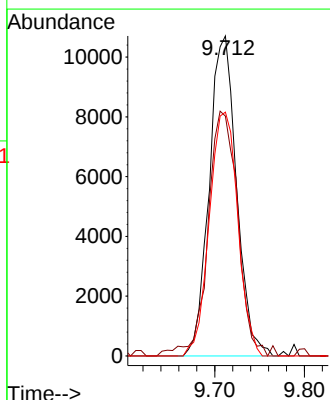
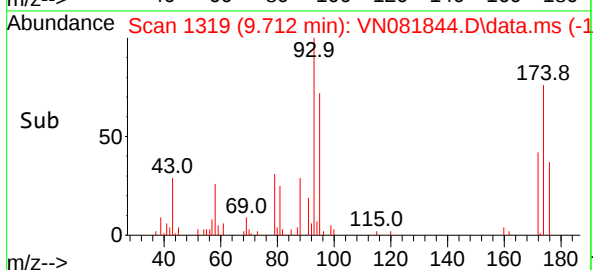
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

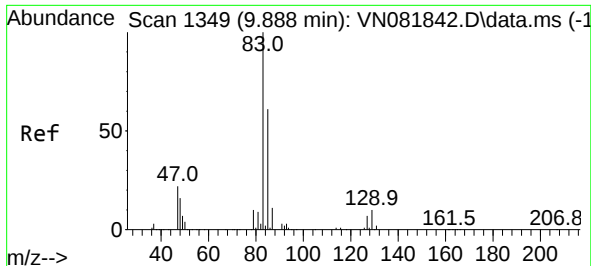


#46
Dibromomethane
Concen: 9.383 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43



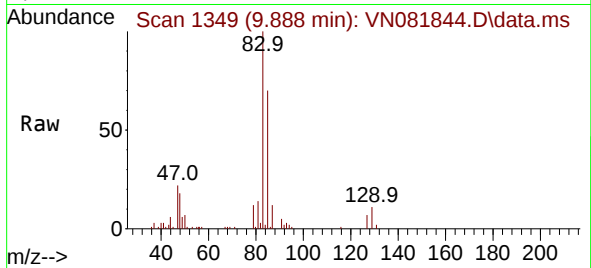
Tgt Ion: 93 Resp: 22654
Ion Ratio Lower Upper
93 100
95 83.6 64.8 97.2
174 79.2 73.4 110.0





#47
Bromodichloromethane
Concen: 9.700 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

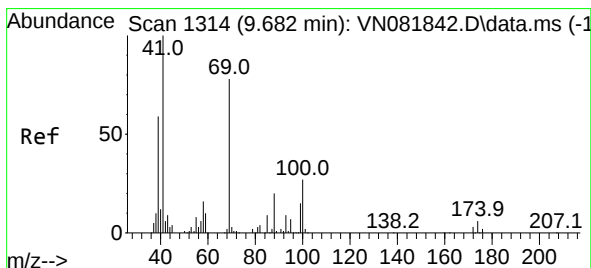
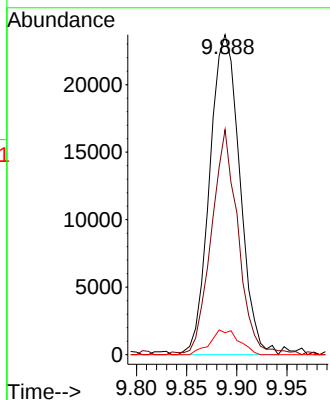
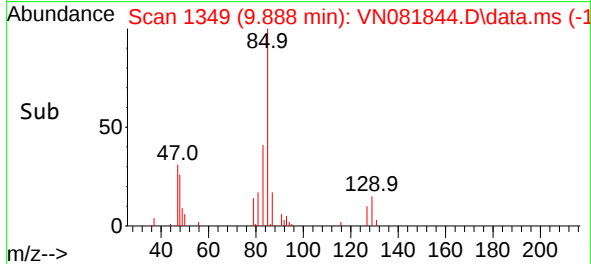
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



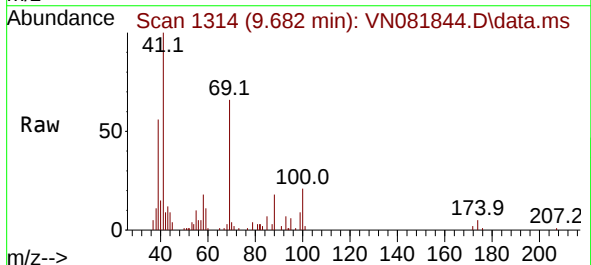
Tgt Ion: 83 Resp: 49394
Ion Ratio Lower Upper
83 100
85 69.7 51.9 77.9
127 6.8 7.5 11.3

Manual Integrations
APPROVED

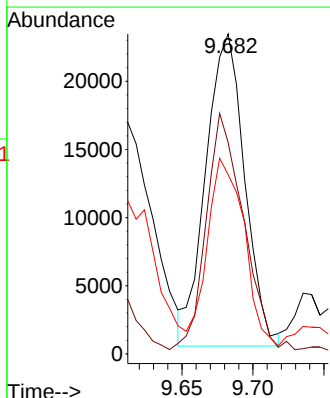
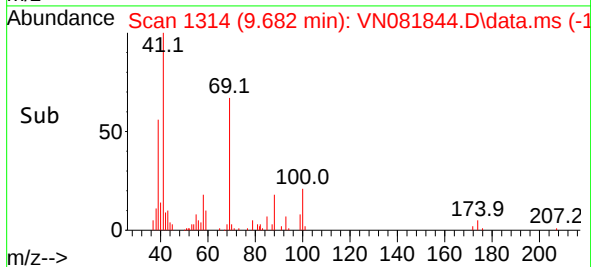
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

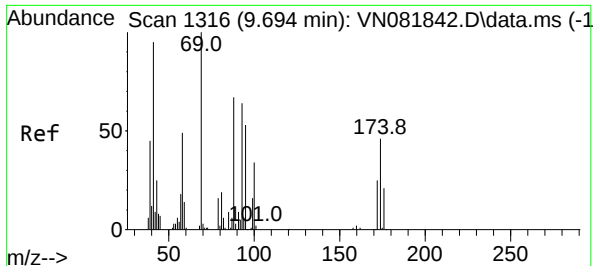


#48
Methyl methacrylate
Concen: 10.077 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43



Tgt Ion: 41 Resp: 43484
Ion Ratio Lower Upper
41 100
69 76.3 77.9 116.9#
39 59.7 50.9 76.3





#49

1,4-Dioxane

Concen: 200.324 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 13139

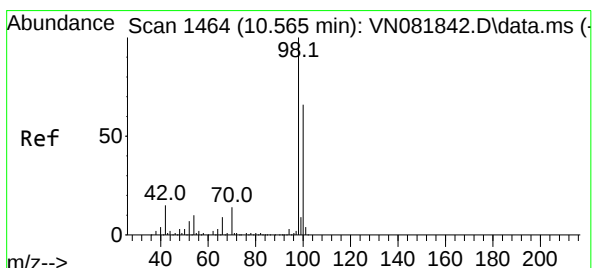
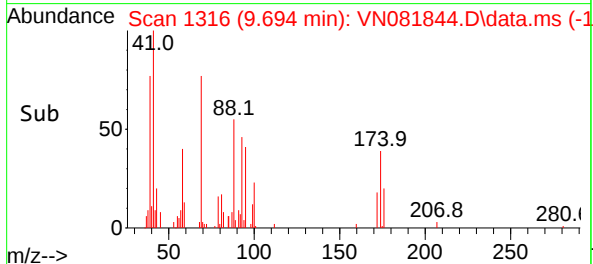
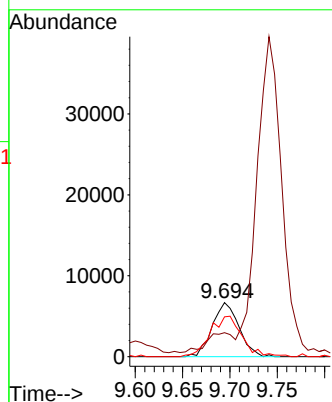
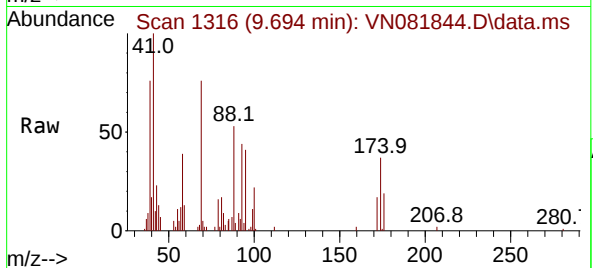
Ion	Ratio	Lower	Upper
88	100		
43	38.7	19.0	28.6
58	89.3	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#50

Toluene-d8

Concen: 7.931 ug/l

RT: 10.571 min Scan# 1465

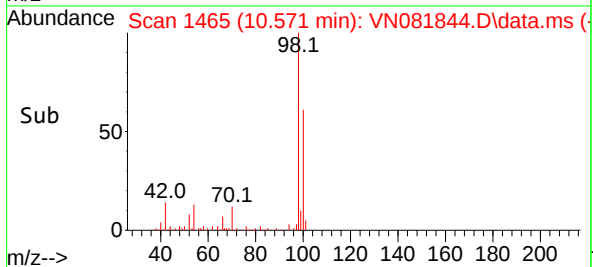
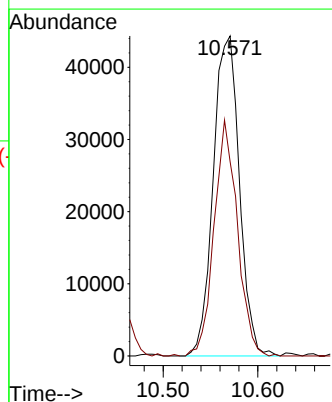
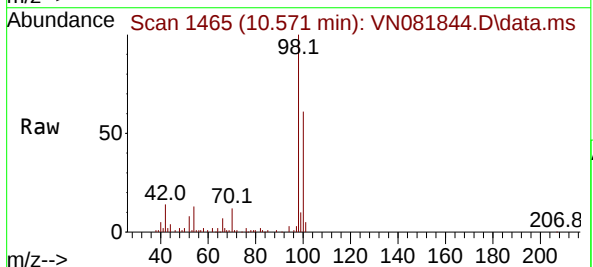
Delta R.T. 0.006 min

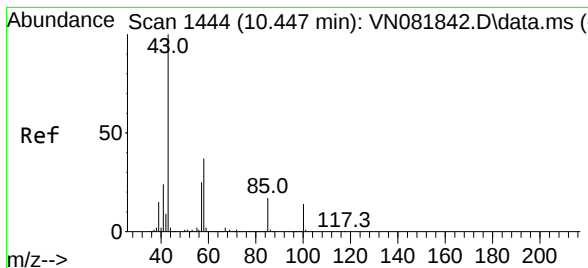
Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

Tgt Ion: 98 Resp: 85134

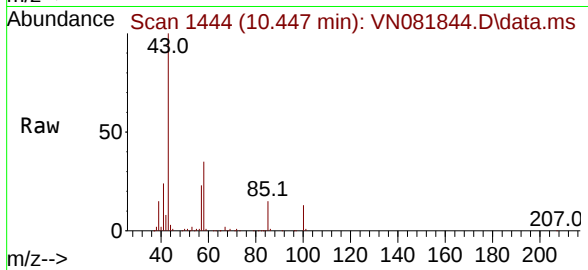
Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 50.498 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

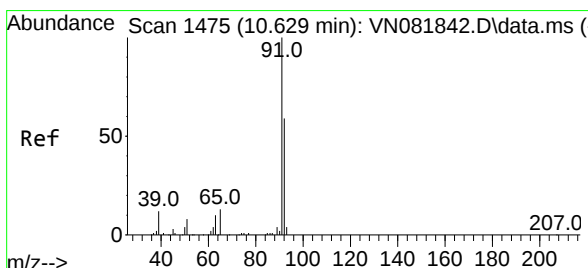
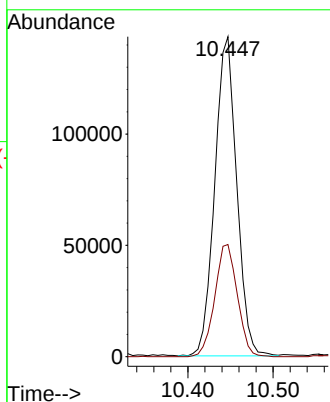
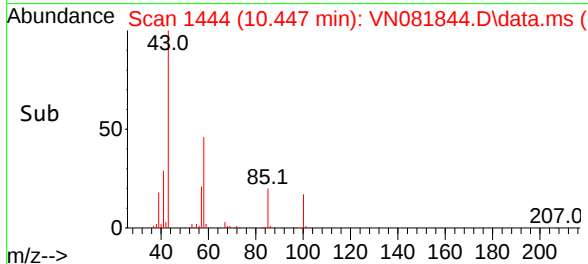
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 256970
Ion Ratio Lower Upper
43 100
58 36.1 33.2 49.8

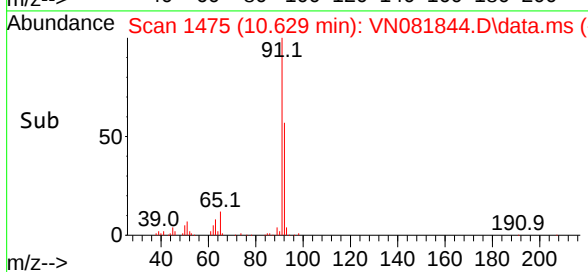
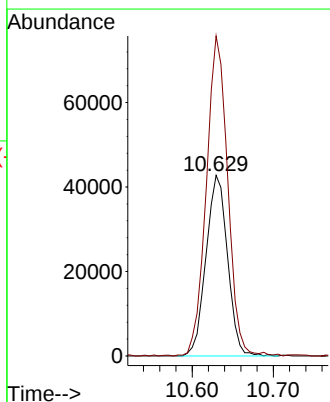
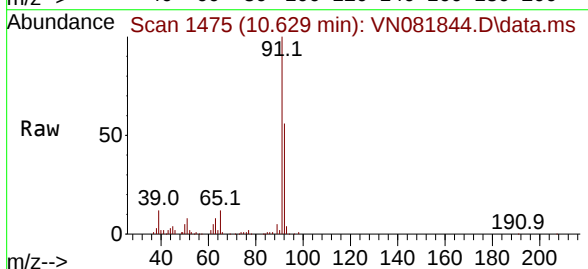
Manual Integrations
APPROVED

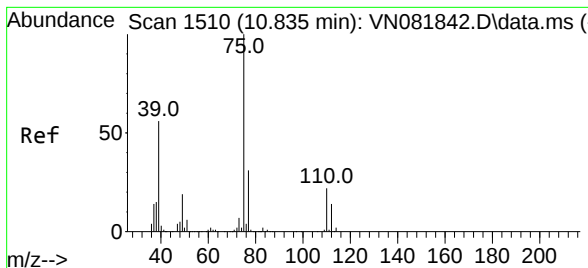
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#52
Toluene
Concen: 9.850 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion: 92 Resp: 78739
Ion Ratio Lower Upper
92 100
91 176.2 136.7 205.1





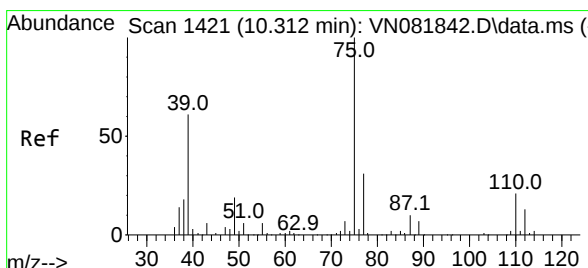
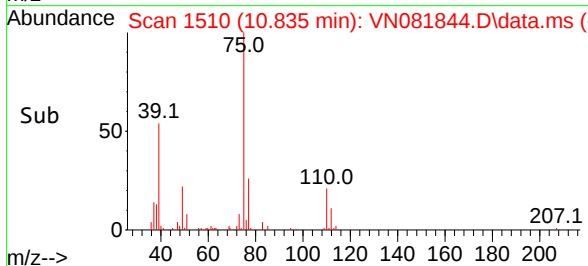
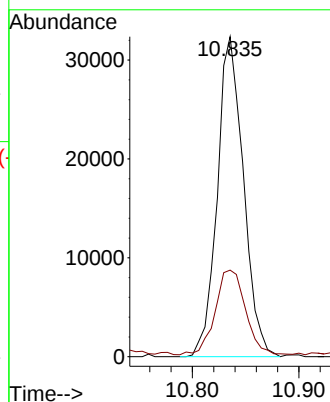
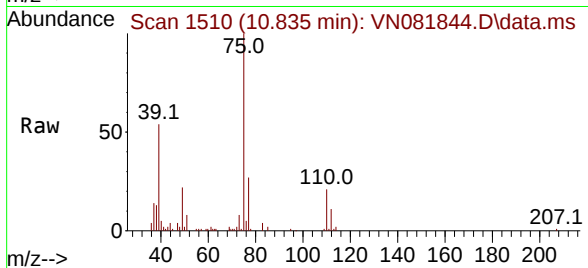
#53
 t-1,3-Dichloropropene
 Concen: 9.955 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081844.D
 Acq: 25 Apr 2024 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 75 Resp: 55150
 Ion Ratio Lower Upper
 75 100
 77 26.5 25.4 38.0

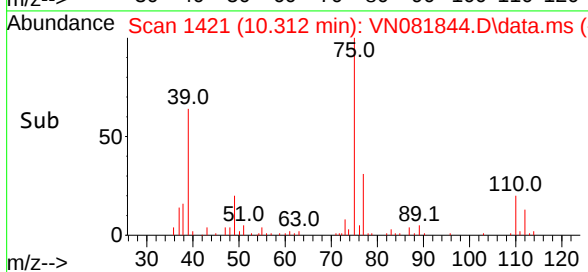
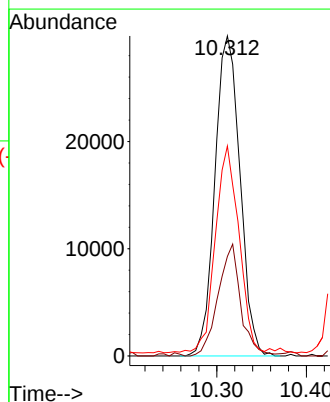
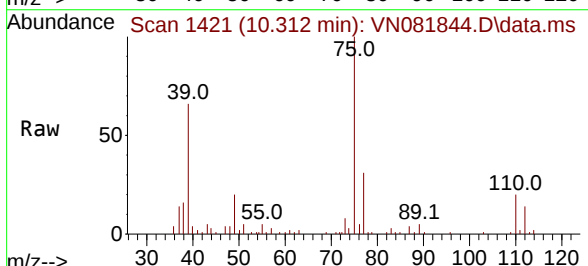
Manual Integrations
 APPROVED

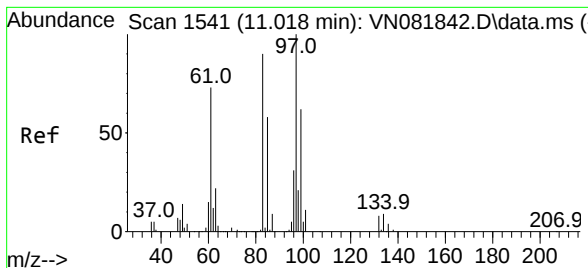
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#54
 cis-1,3-Dichloropropene
 Concen: 10.144 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081844.D
 Acq: 25 Apr 2024 11:43

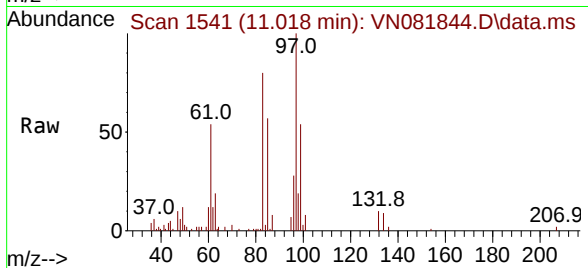
Tgt Ion: 75 Resp: 57923
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4
 39 64.4 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 9.838 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

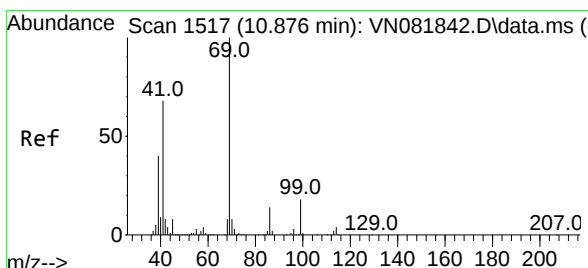
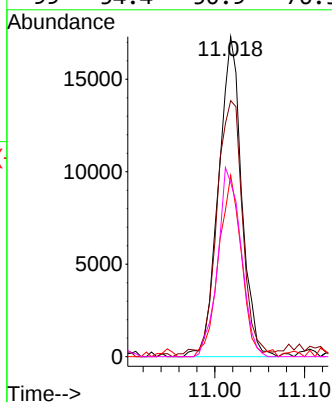
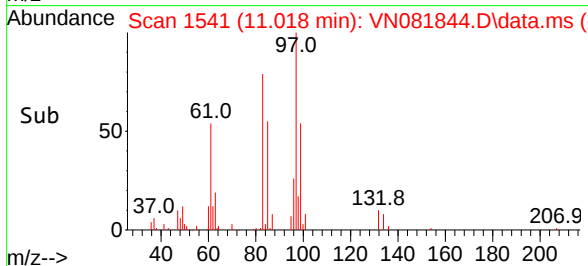
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



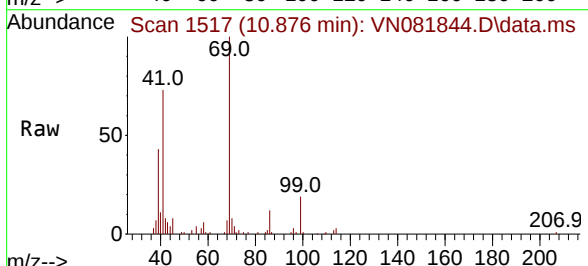
Tgt Ion: 97 Resp: 30928
Ion Ratio Lower Upper
97 100
83 79.1 70.4 105.6
85 56.6 45.6 68.4
99 54.4 50.9 76.3

Manual Integrations
APPROVED

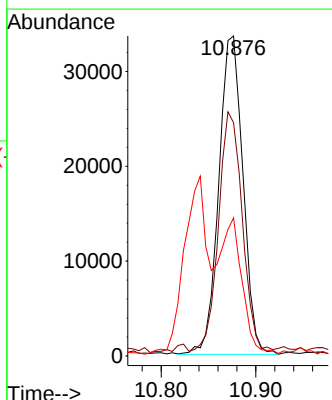
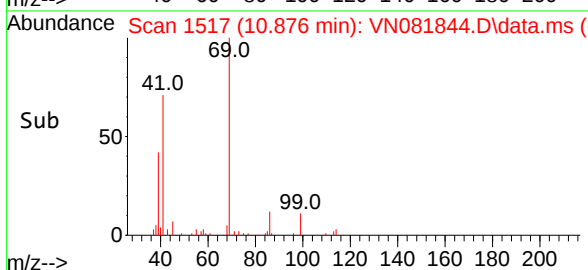
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

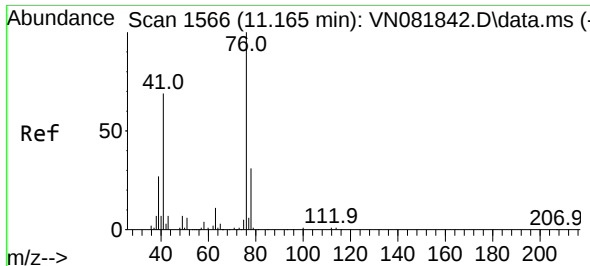


#56
Ethyl methacrylate
Concen: 9.935 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43



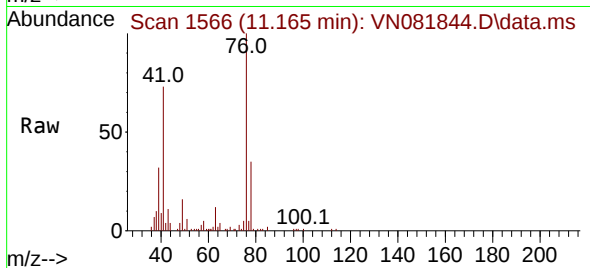
Tgt Ion: 69 Resp: 59473
Ion Ratio Lower Upper
69 100
41 73.7 46.6 70.0#
39 34.8 26.5 39.7





#57
1,3-Dichloropropane
Concen: 9.707 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

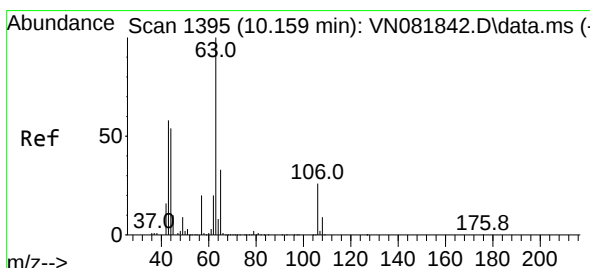
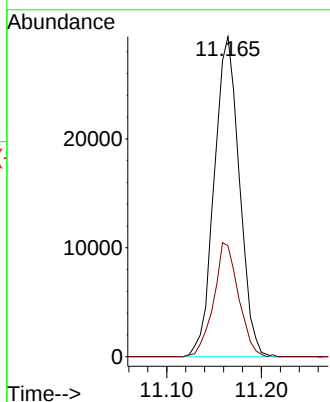
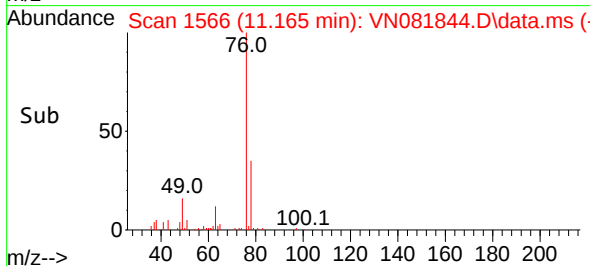
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 5425
Ion Ratio Lower Upper
76 100
78 35.3 25.8 38.6

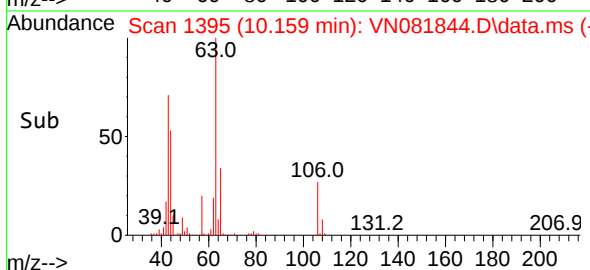
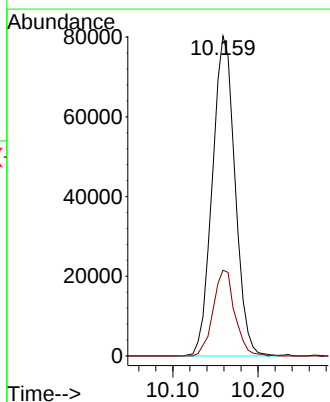
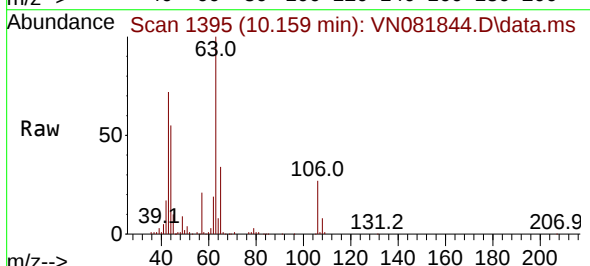
Manual Integrations
APPROVED

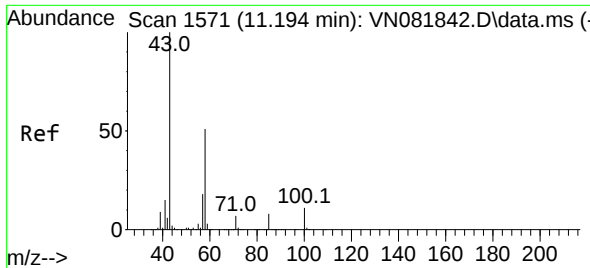
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 54.433 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion: 63 Resp: 148439
Ion Ratio Lower Upper
63 100
106 25.5 24.6 36.8





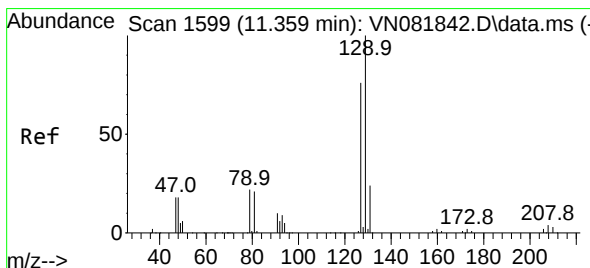
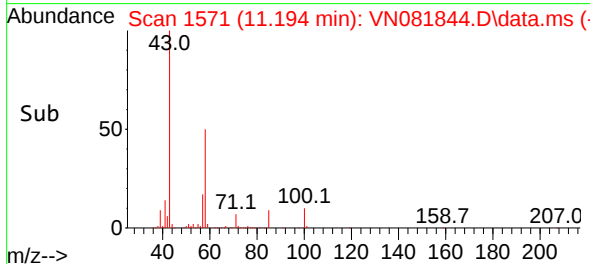
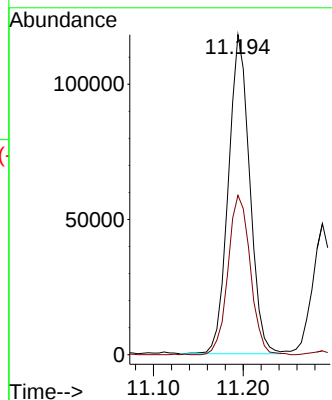
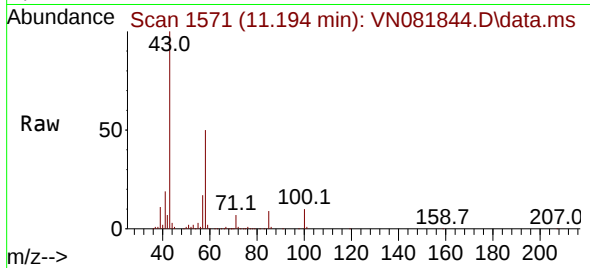
#59
2-Hexanone
Concen: 51.386 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 19460
Ion Ratio Lower Upper
43 100
58 52.1 28.3 84.9

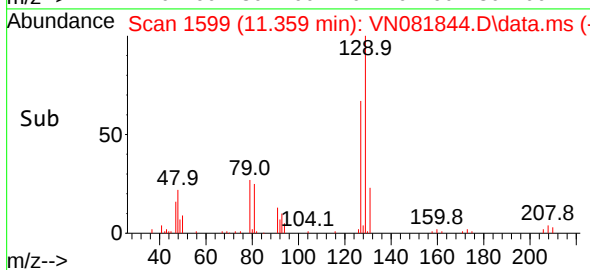
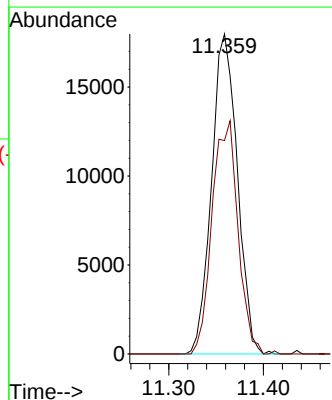
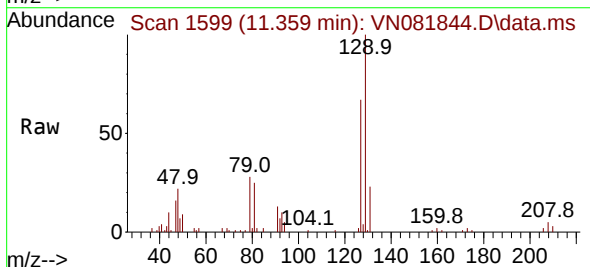
Manual Integrations
APPROVED

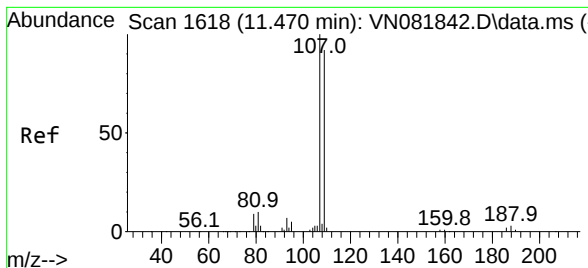
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#60
Dibromochloromethane
Concen: 10.224 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion:129 Resp: 34044
Ion Ratio Lower Upper
129 100
127 72.9 38.3 114.8





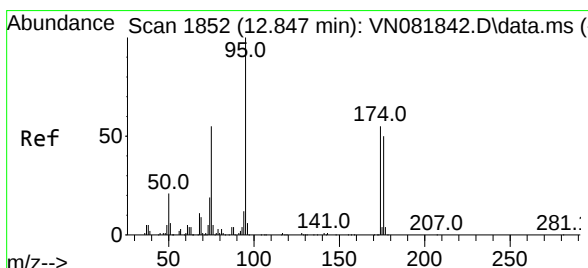
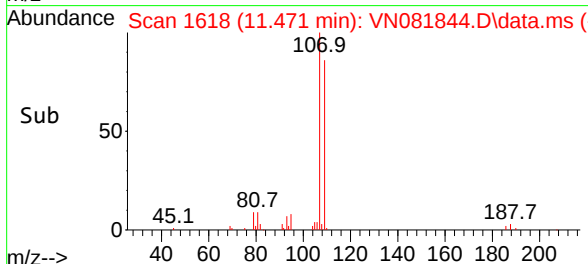
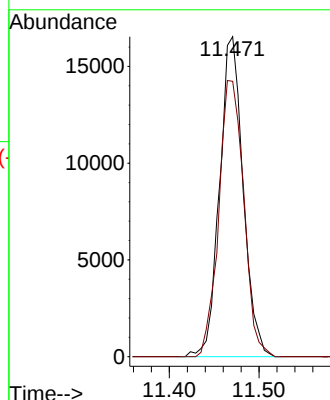
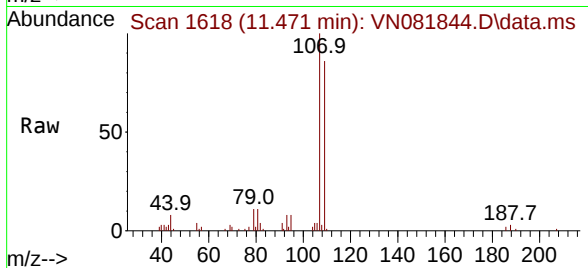
#61
1,2-Dibromoethane
Concen: 10.013 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 3010
Ion Ratio Lower Upper
107 100
109 91.8 75.8 113.6

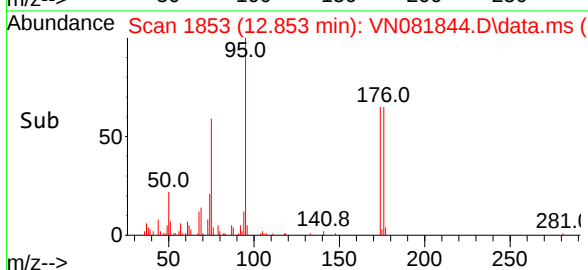
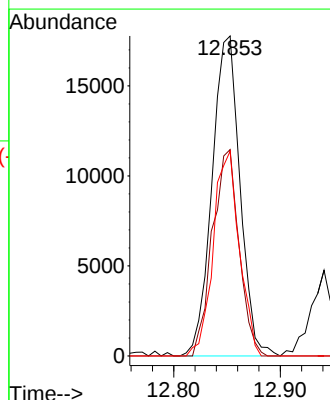
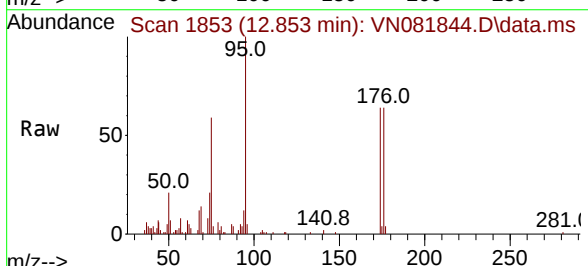
Manual Integrations
APPROVED

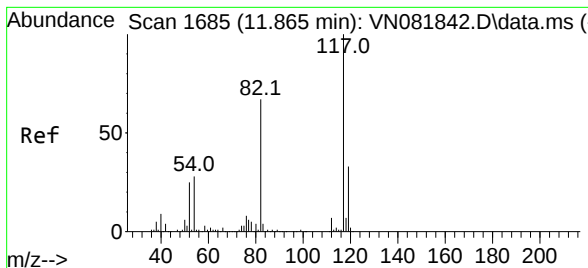
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#62
4-Bromofluorobenzene
Concen: 7.632 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion: 95 Resp: 32386
Ion Ratio Lower Upper
95 100
174 61.4 0.0 160.6
176 59.4 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:117 Resp: 38746

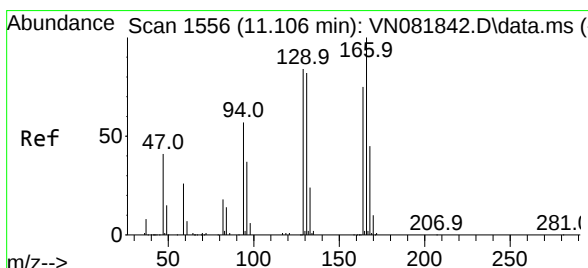
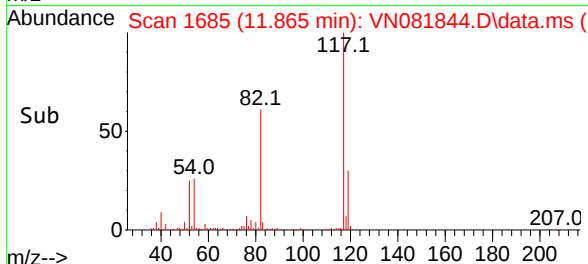
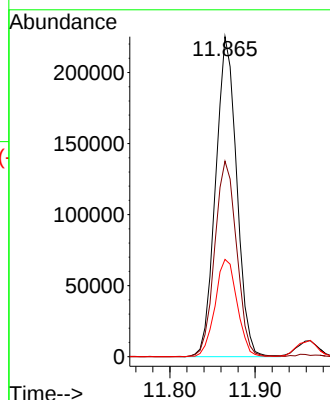
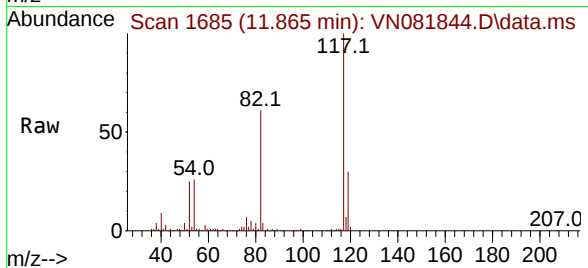
Ion	Ratio	Lower	Upper
117	100		
82	61.0	44.6	66.8
119	30.4	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#64

Tetrachloroethene

Concen: 10.158 ug/l

RT: 11.106 min Scan# 1556

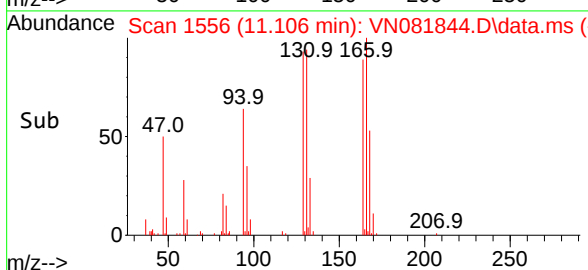
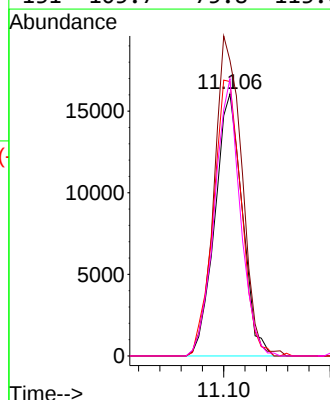
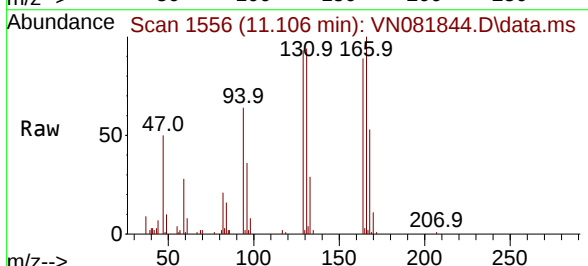
Delta R.T. 0.000 min

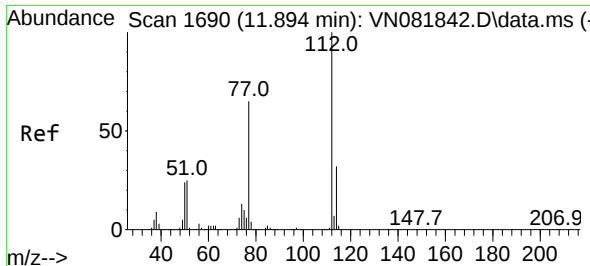
Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

Tgt Ion:164 Resp: 28586

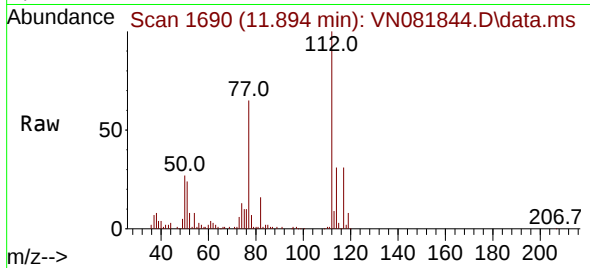
Ion	Ratio	Lower	Upper
164	100		
166	112.7	97.6	146.4
129	104.7	73.7	110.5
131	105.7	75.8	113.6





#65
Chlorobenzene
Concen: 9.820 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

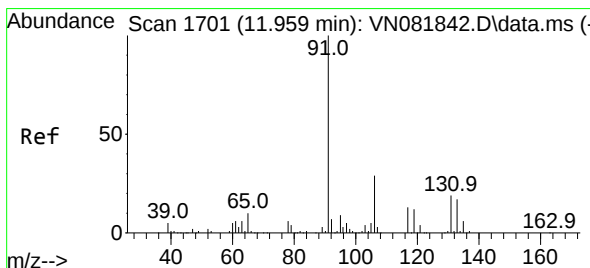
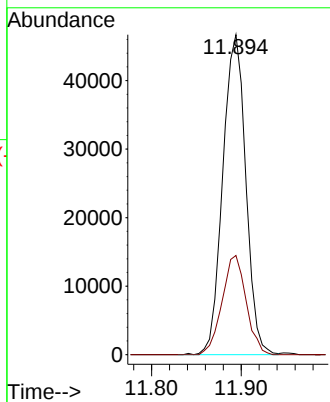
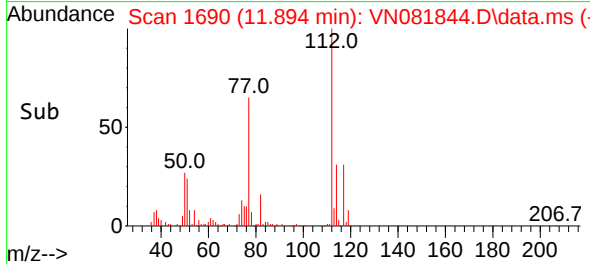
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



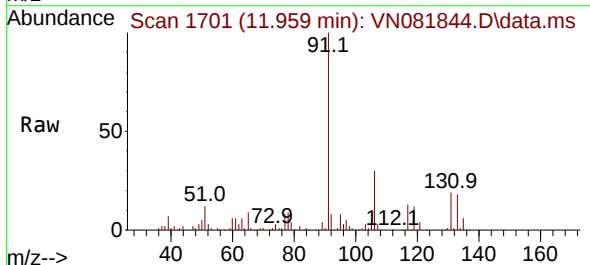
Tgt Ion:112 Resp: 83089
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5

Manual Integrations
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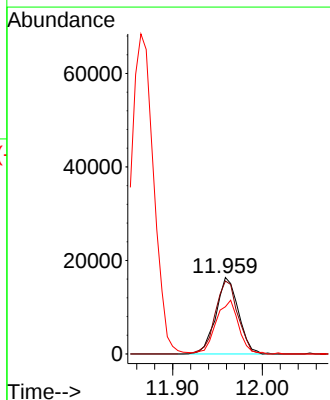
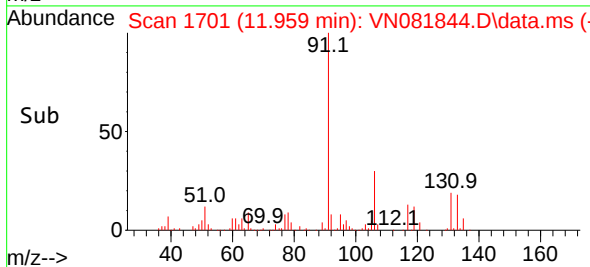
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

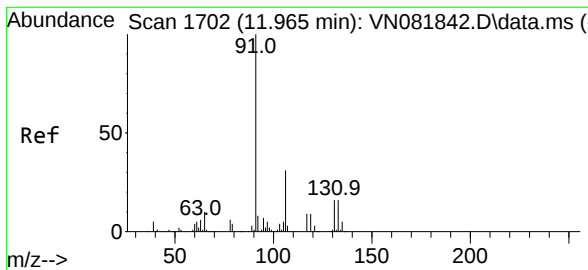


#66
1,1,1,2-Tetrachloroethane
Concen: 10.388 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43



Tgt Ion:131 Resp: 28567
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 70.1 32.9 98.7





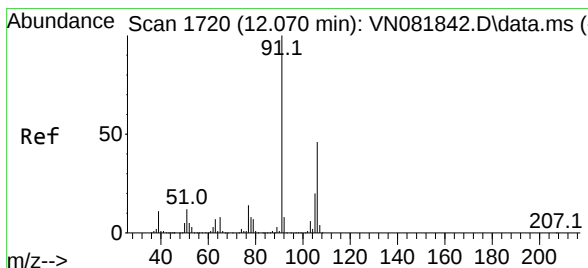
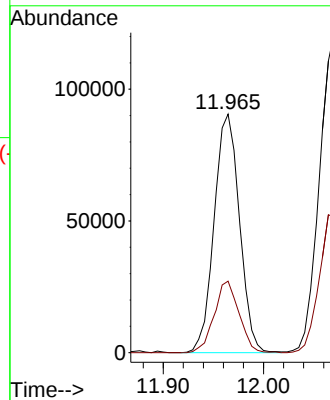
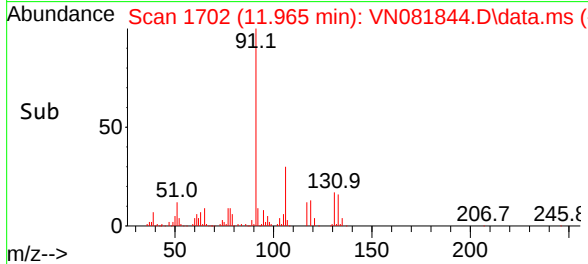
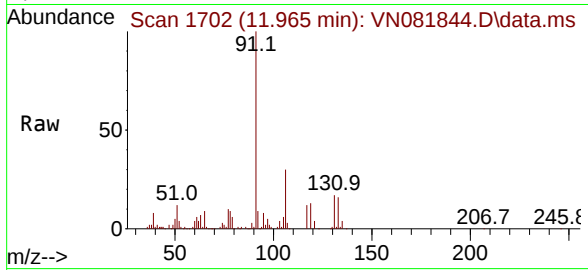
#67
Ethyl Benzene
Concen: 10.092 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 15881
Ion Ratio Lower Upper
91 100
106 30.0 25.3 37.9

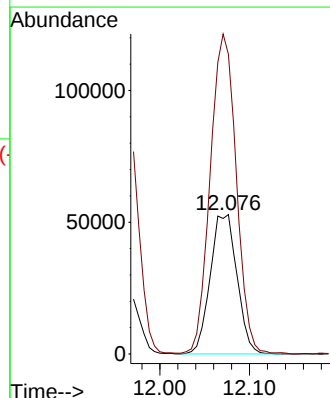
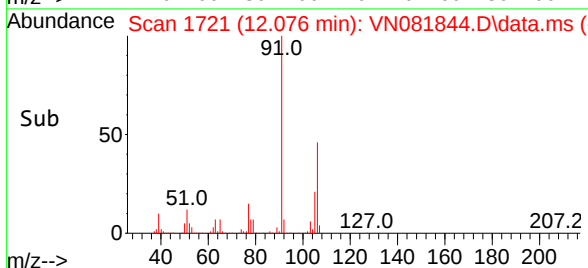
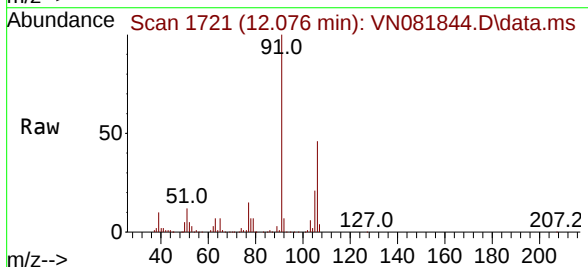
Manual Integrations
APPROVED

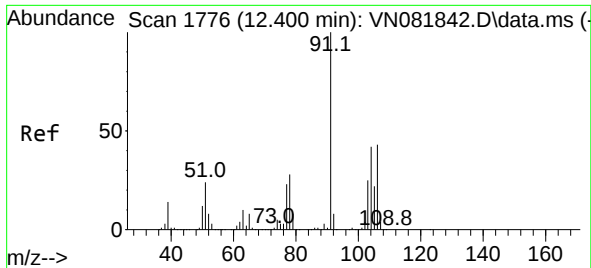
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#68
m/p-Xylenes
Concen: 19.561 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion:106 Resp: 109795
Ion Ratio Lower Upper
106 100
91 223.1 159.4 239.0





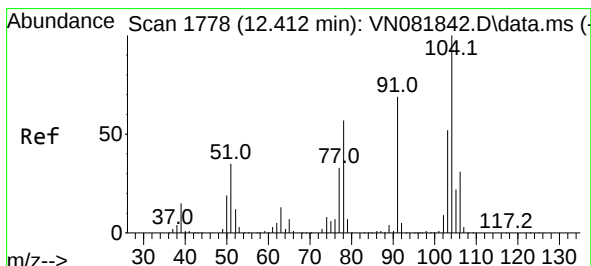
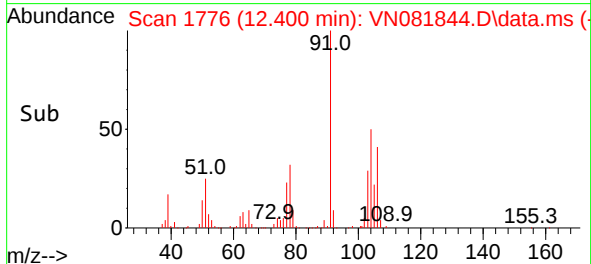
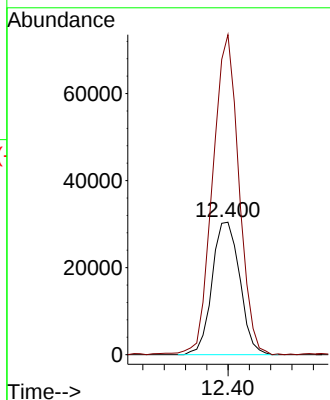
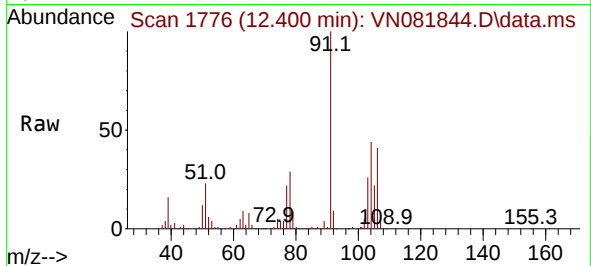
#69
o-Xylene
Concen: 10.008 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 54849
Ion Ratio Lower Upper
106 100
91 229.6 104.7 314.1

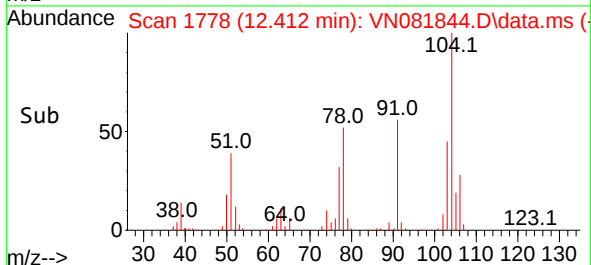
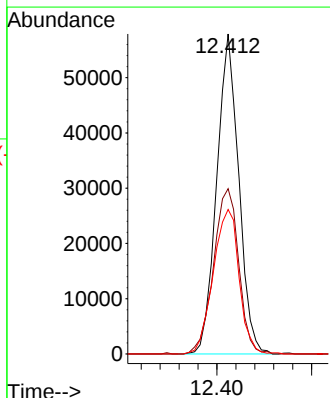
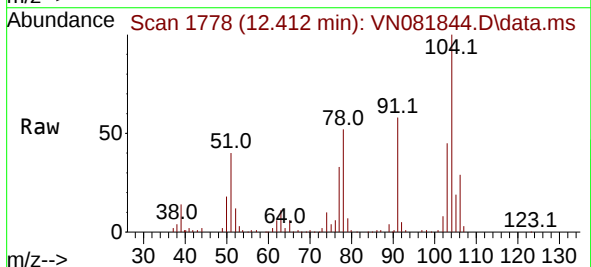
Manual Integrations
APPROVED

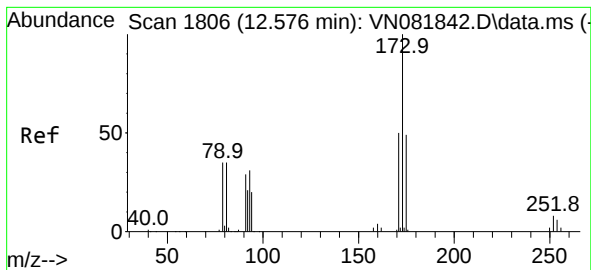
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#70
Styrene
Concen: 9.873 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion:104 Resp: 93591
Ion Ratio Lower Upper
104 100
78 58.9 38.6 58.0#
103 53.0 43.8 65.6





#71

Bromoform

Concen: 9.494 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:173 Resp: 20520

Ion Ratio Lower Upper

173 100

175 49.1 24.6 74.0

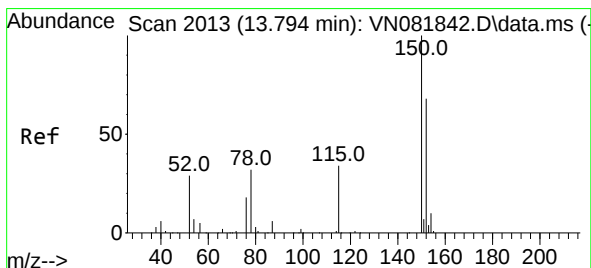
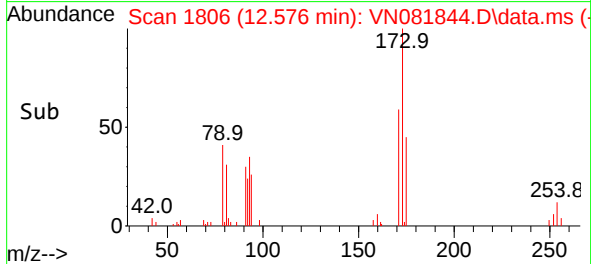
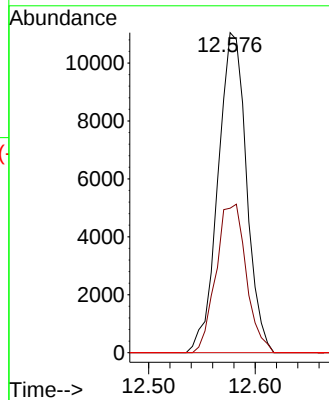
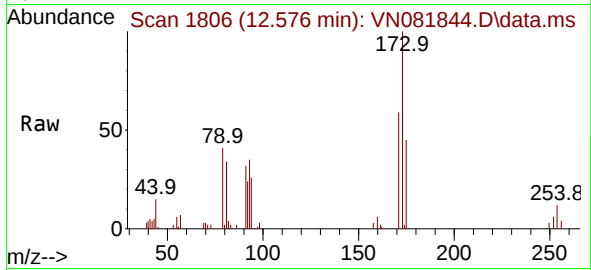
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

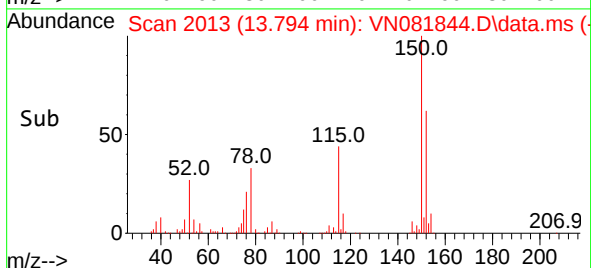
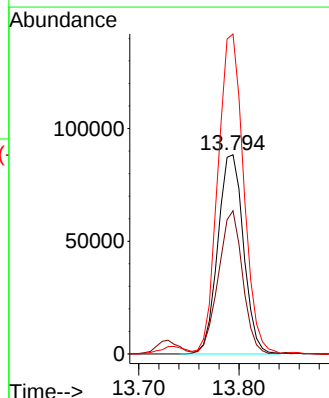
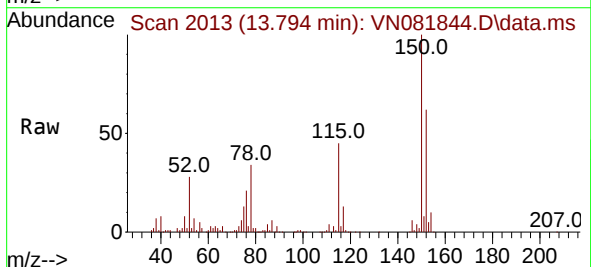
Tgt Ion:152 Resp: 156409

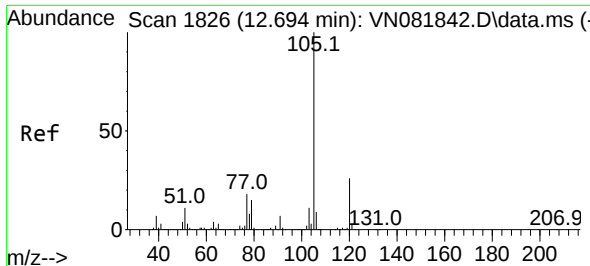
Ion Ratio Lower Upper

152 100

115 67.7 30.4 91.3

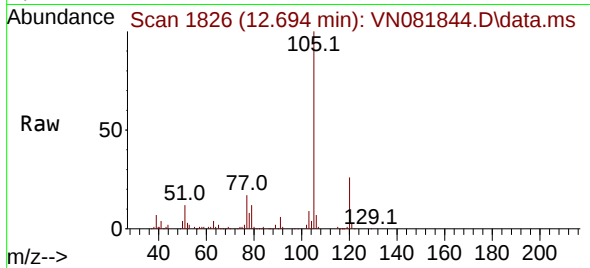
150 160.4 0.0 353.2





#73
Isopropylbenzene
Concen: 10.128 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

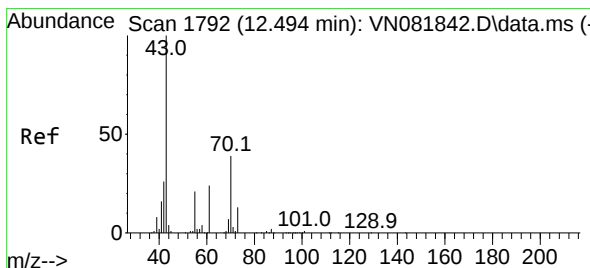
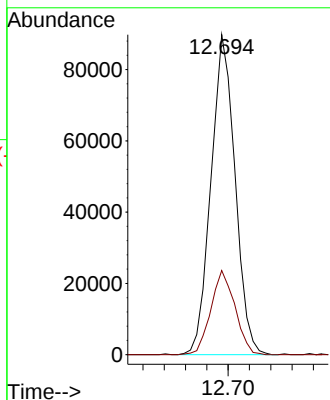
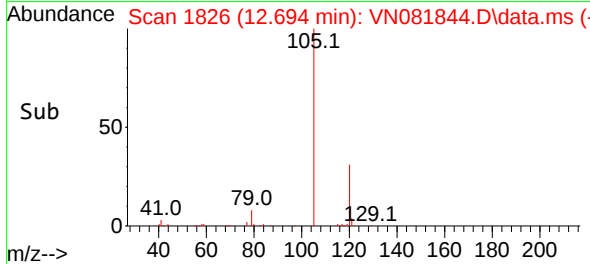
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 105 Resp: 14084
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

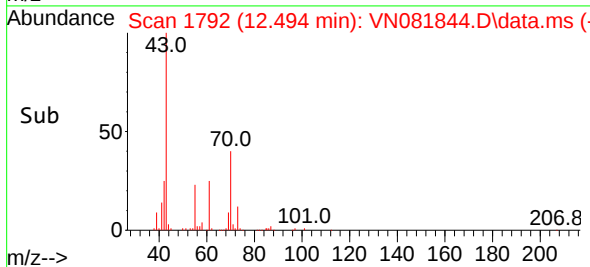
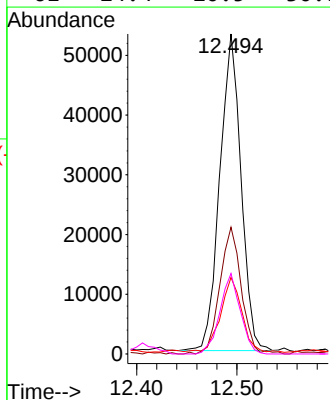
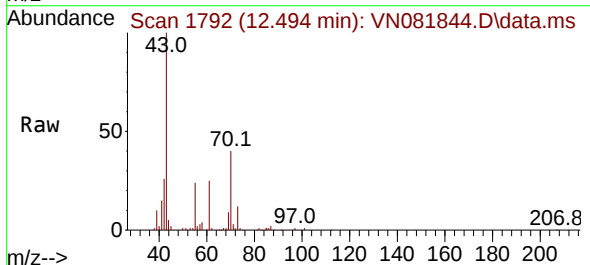
Manual Integrations
APPROVED

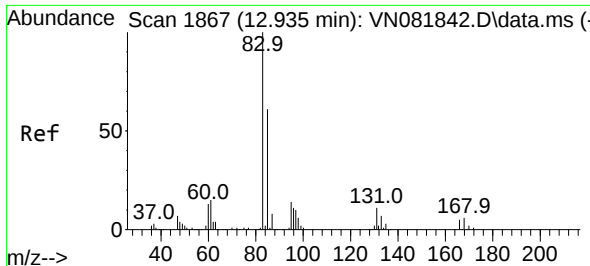
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#74
N-ethyl acetate
Concen: 10.037 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion: 43 Resp: 77709
Ion Ratio Lower Upper
43 100
70 40.4 39.0 58.4
55 24.0 21.3 31.9
61 24.4 20.5 30.7





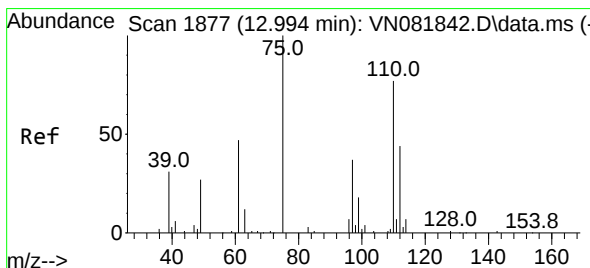
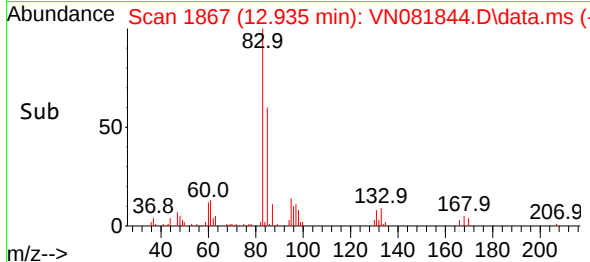
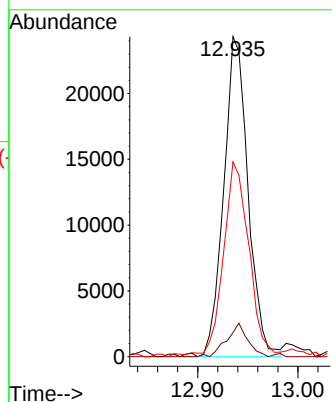
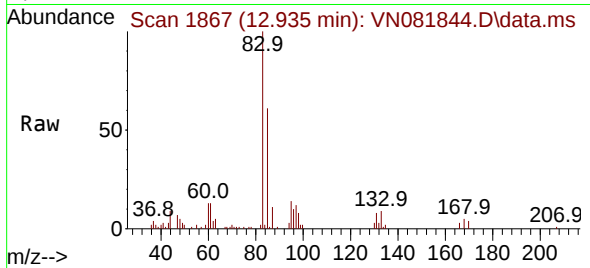
#75
1,1,2,2-Tetrachloroethane
Concen: 9.834 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 4106
Ion Ratio Lower Upper
83 100
131 8.9 5.5 16.4
85 64.2 32.9 98.6

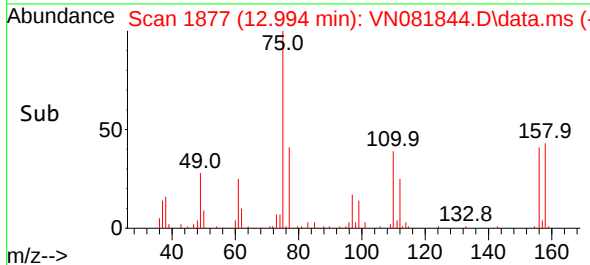
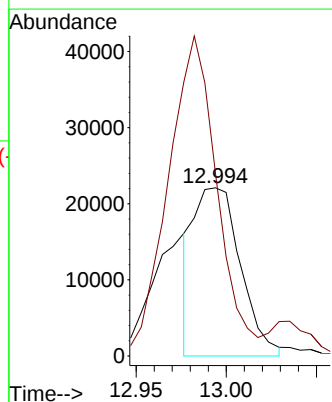
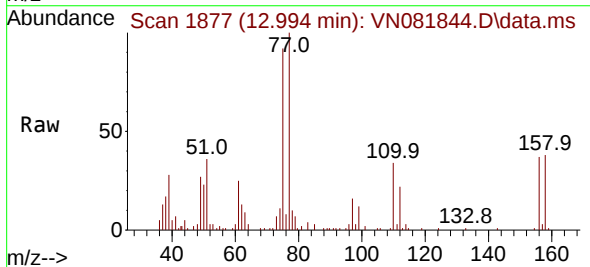
Manual Integrations
APPROVED

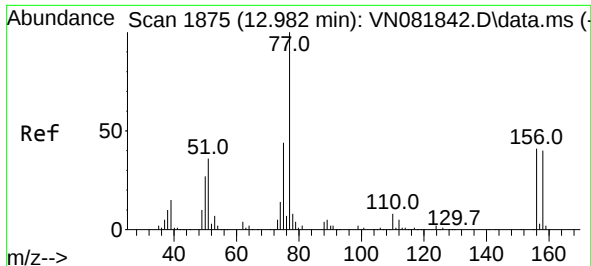
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#76
1,2,3-Trichloropropane
Concen: 9.777 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion: 75 Resp: 39732
Ion Ratio Lower Upper
75 100
77 200.6 90.5 271.3





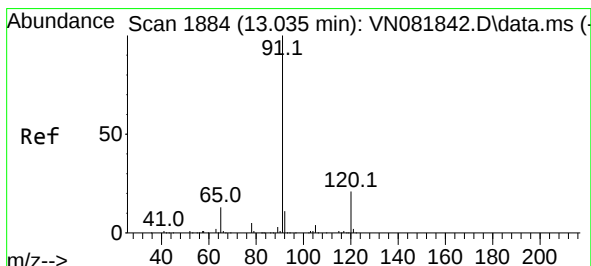
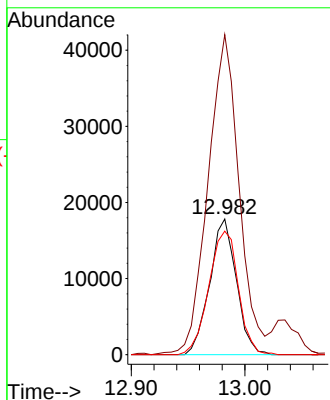
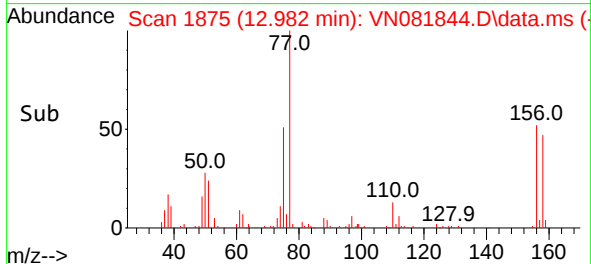
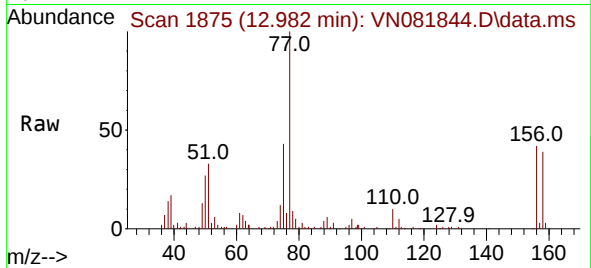
#77
Bromobenzene
Concen: 9.980 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 2904
Ion Ratio Lower Upper
156 100
77 274.4 100.2 300.6
158 100.8 49.1 147.3

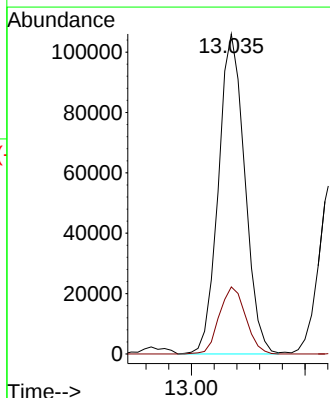
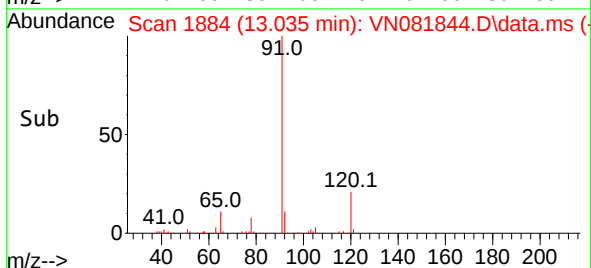
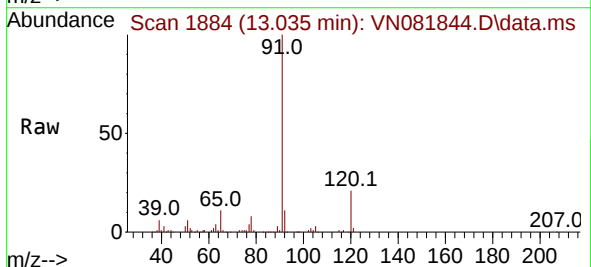
Manual Integrations
APPROVED

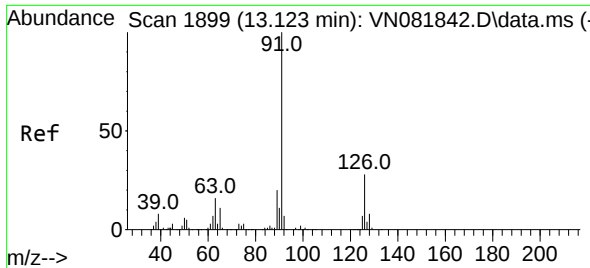
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#78
n-propylbenzene
Concen: 10.118 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion: 91 Resp: 170910
Ion Ratio Lower Upper
91 100
120 20.9 11.7 35.0





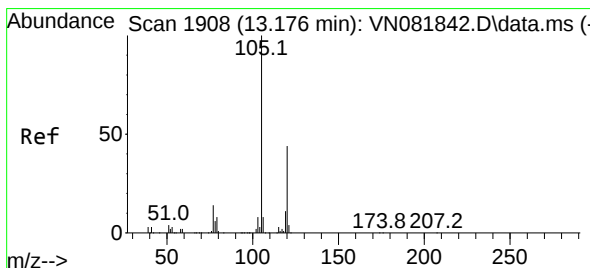
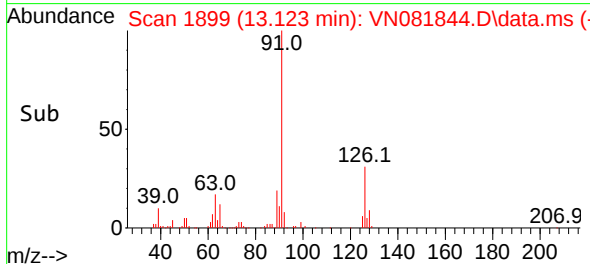
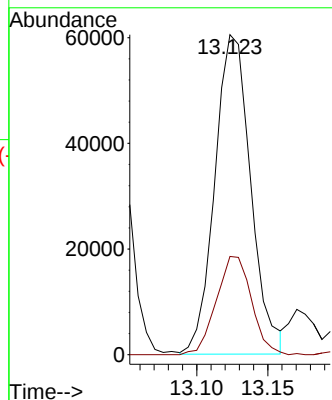
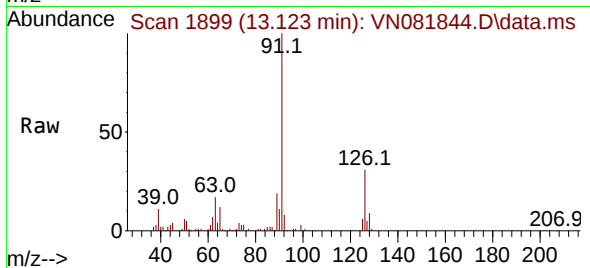
#79
2-Chlorotoluene
Concen: 9.904 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 10643
Ion Ratio Lower Upper
91 100
126 30.1 17.5 52.5

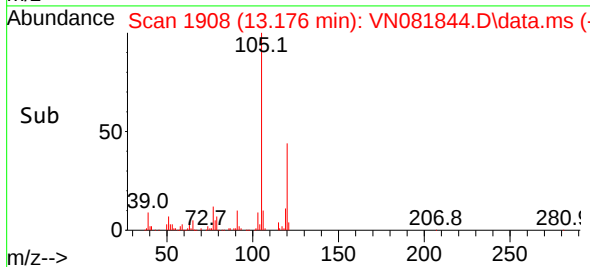
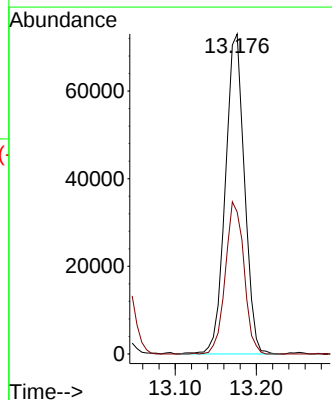
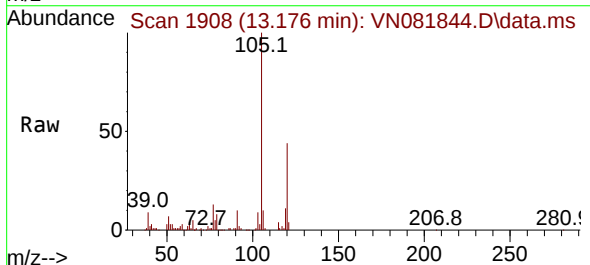
Manual Integrations
APPROVED

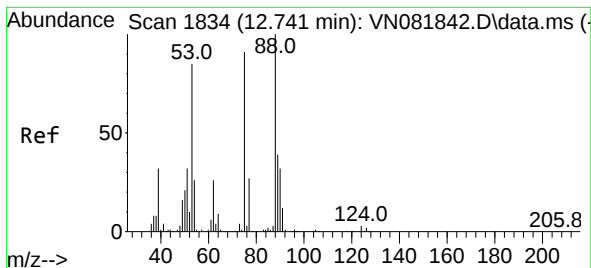
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 10.150 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

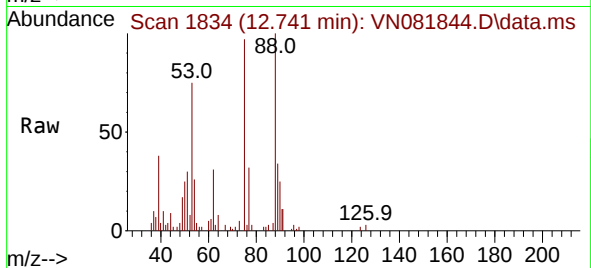
Tgt Ion:105 Resp: 119444
Ion Ratio Lower Upper
105 100
120 46.4 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 10.227 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

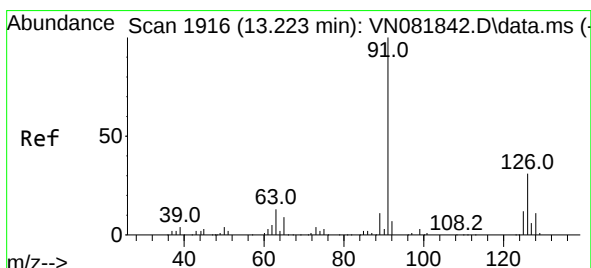
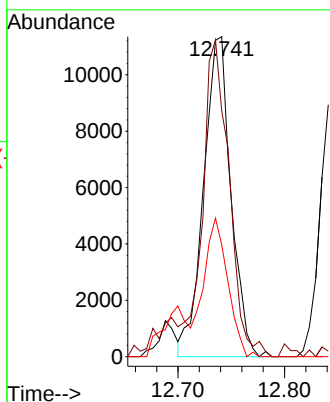
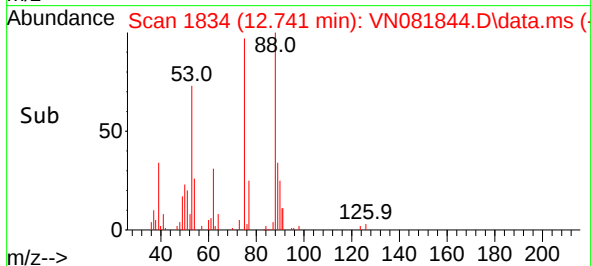
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 20240
Ion Ratio Lower Upper
75 100
53 96.3 72.9 109.3
89 38.0 39.1 58.7

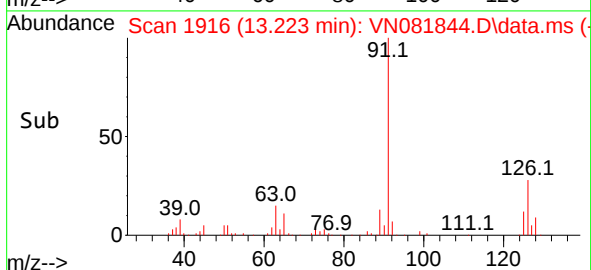
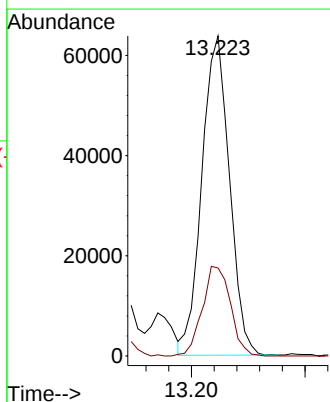
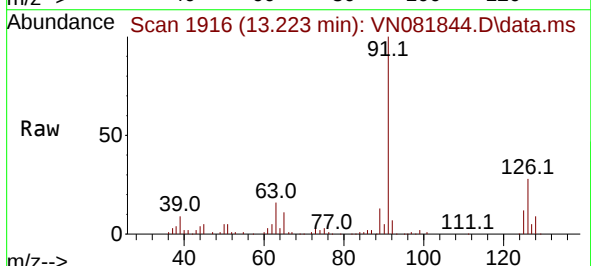
Manual Integrations
APPROVED

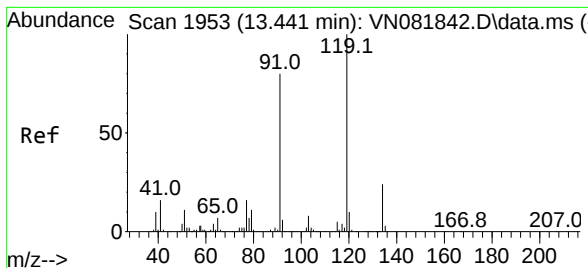
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#82
4-Chlorotoluene
Concen: 10.311 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion: 91 Resp: 107581
Ion Ratio Lower Upper
91 100
126 28.5 17.4 52.3





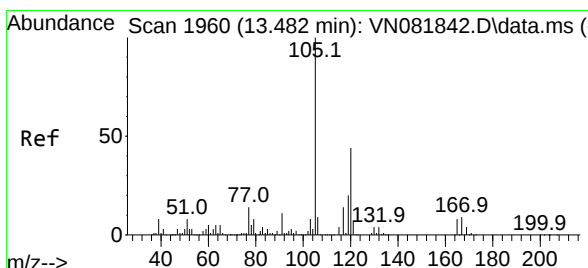
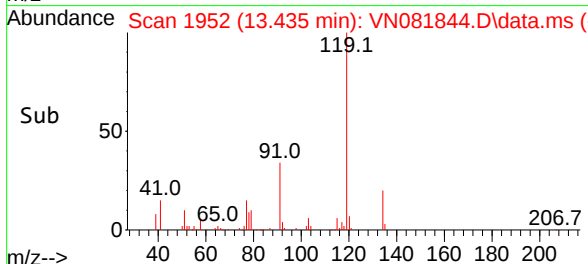
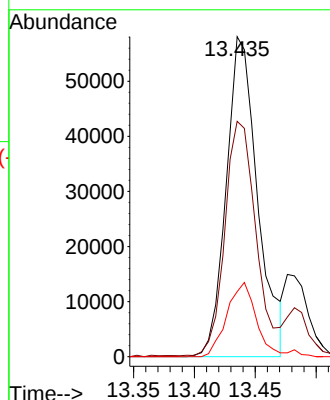
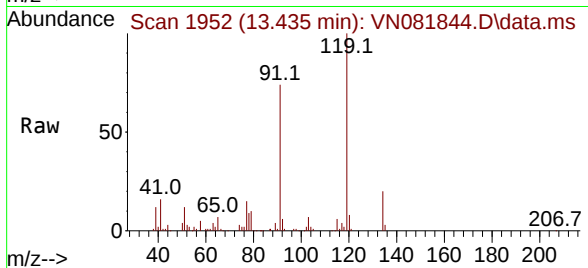
#83
tert-Butylbenzene
Concen: 10.634 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 104209
Ion Ratio Lower Upper
119 100
91 71.2 32.6 97.8
134 22.3 12.4 37.0

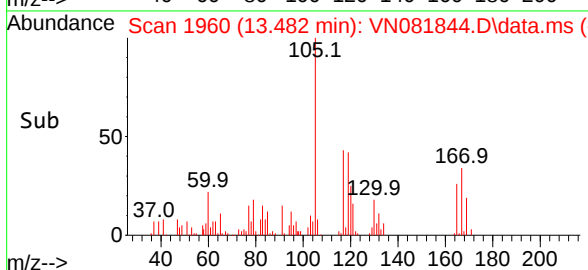
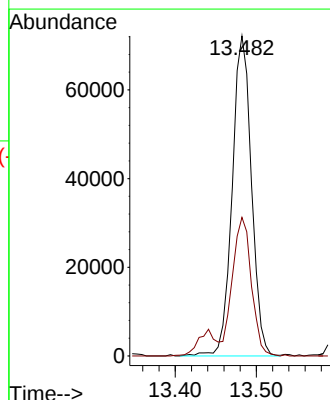
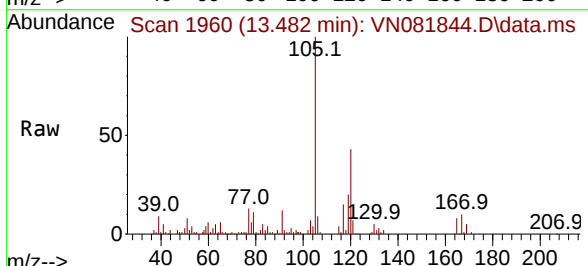
Manual Integrations
APPROVED

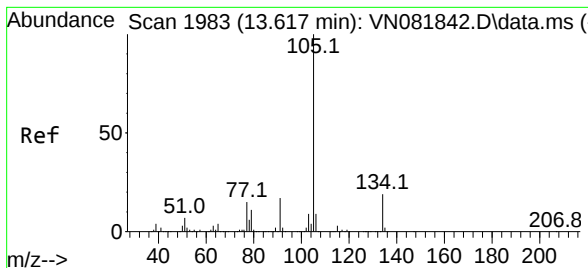
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 10.103 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion:105 Resp: 118724
Ion Ratio Lower Upper
105 100
120 43.1 22.9 68.7





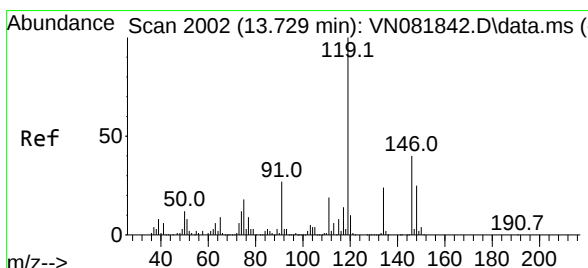
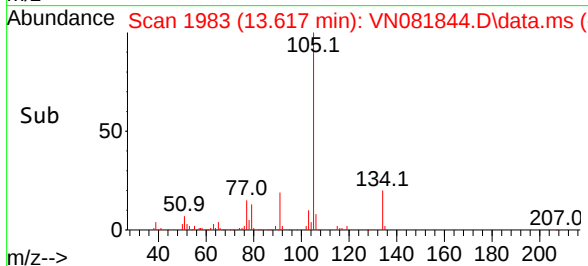
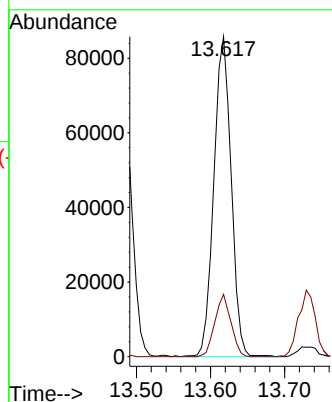
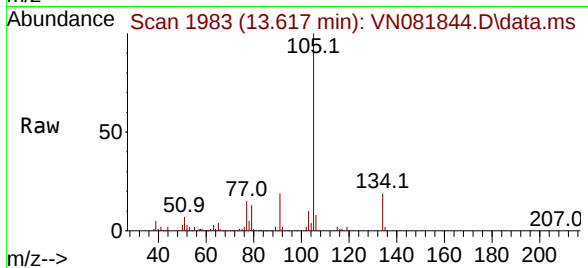
#85
 sec-Butylbenzene
 Concen: 10.095 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081844.D
 Acq: 25 Apr 2024 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 13935
 Ion Ratio Lower Upper
 105 100
 134 18.0 10.2 30.4

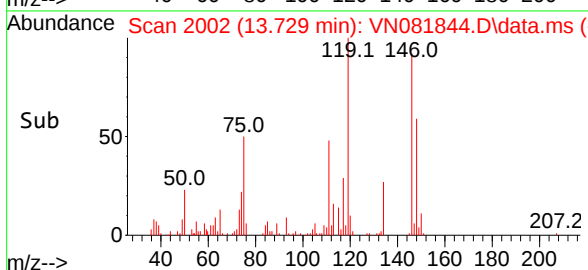
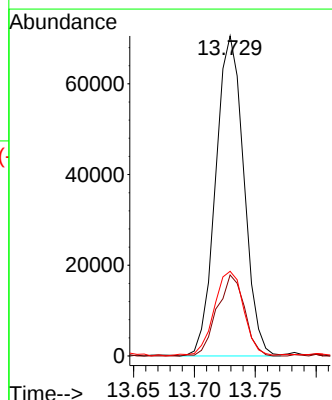
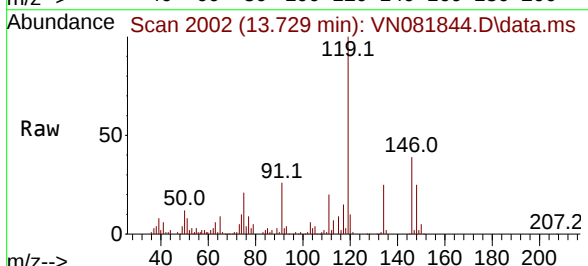
Manual Integrations
 APPROVED

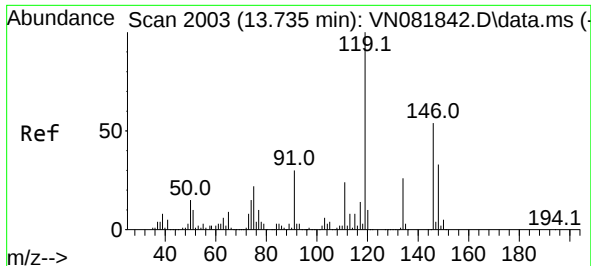
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#86
 p-Isopropyltoluene
 Concen: 10.241 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081844.D
 Acq: 25 Apr 2024 11:43

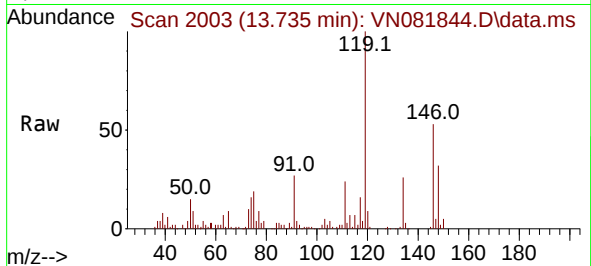
Tgt Ion:119 Resp: 113511
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.2 39.5
 91 27.9 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 9.675 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

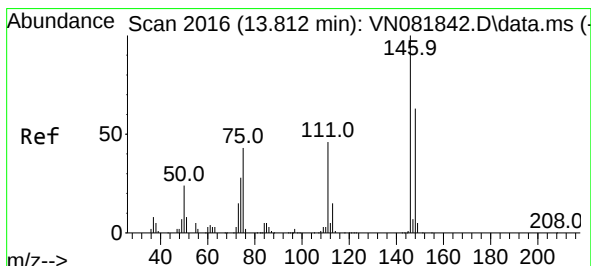
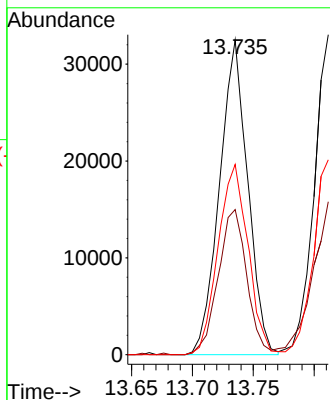
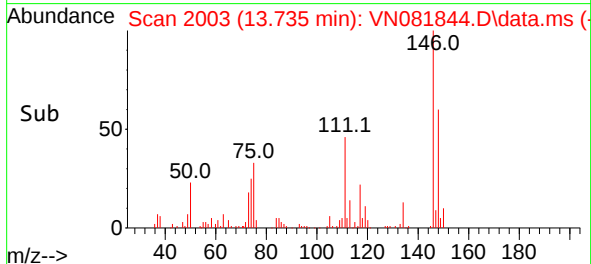
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



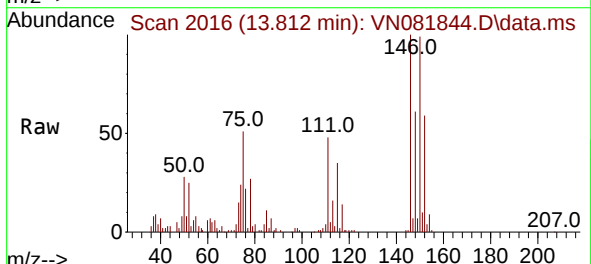
Tgt Ion:146 Resp: 52534
Ion Ratio Lower Upper
146 100
111 46.5 20.8 62.5
148 64.3 32.1 96.3

Manual Integrations
APPROVED

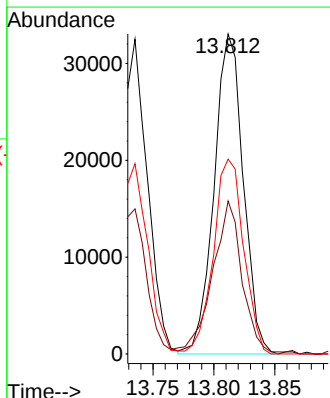
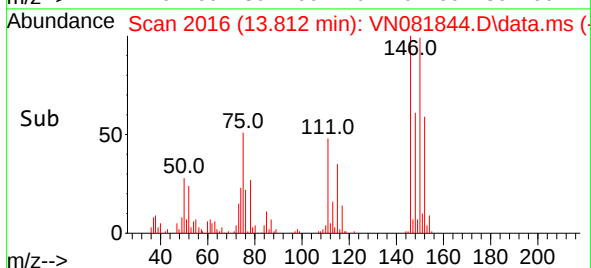
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

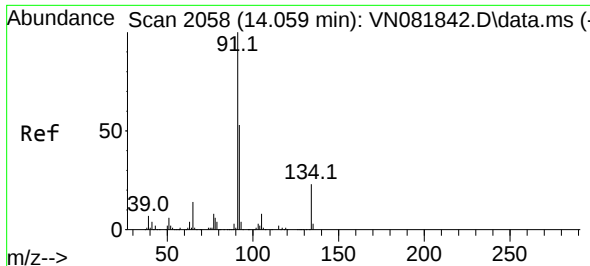


#88
1,4-Dichlorobenzene
Concen: 10.308 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43



Tgt Ion:146 Resp: 55114
Ion Ratio Lower Upper
146 100
111 49.1 19.3 57.9
148 63.2 31.3 93.9





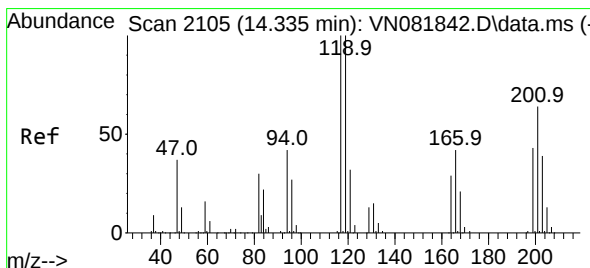
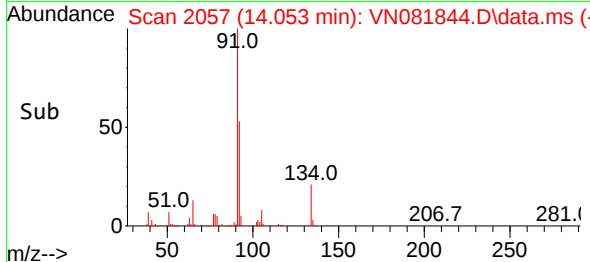
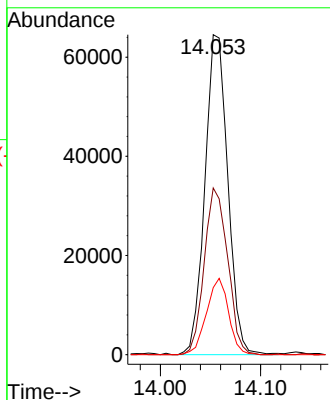
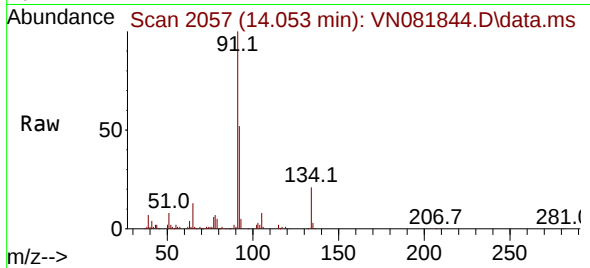
#89
n-Butylbenzene
Concen: 9.928 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 102420
Ion Ratio Lower Upper
91 100
92 53.1 26.2 78.5
134 23.0 13.2 39.5

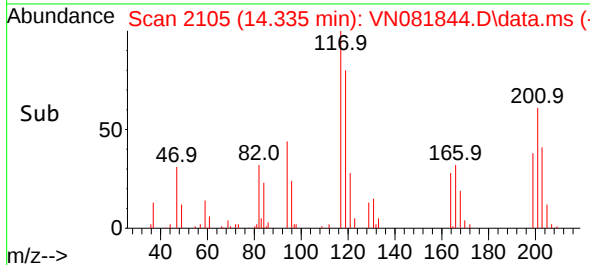
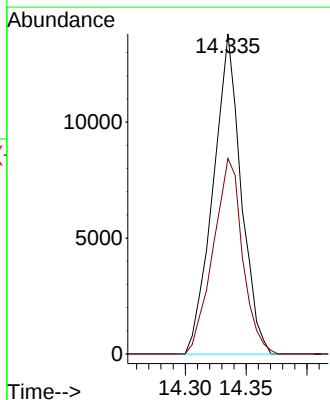
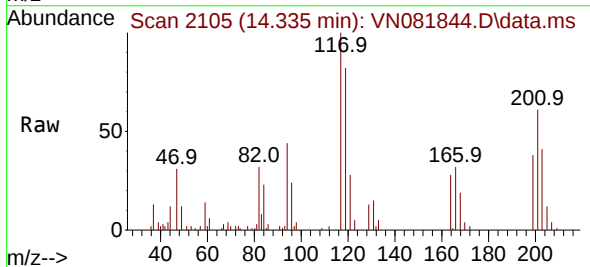
Manual Integrations
APPROVED

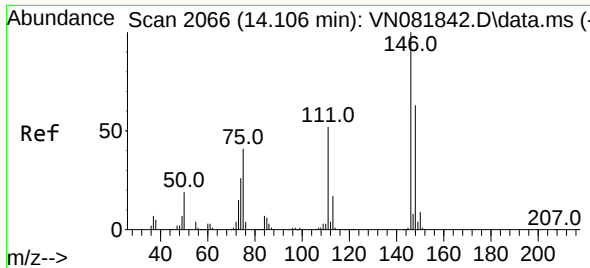
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#90
Hexachloroethane
Concen: 10.136 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion:117 Resp: 22099
Ion Ratio Lower Upper
117 100
201 64.2 33.3 99.8





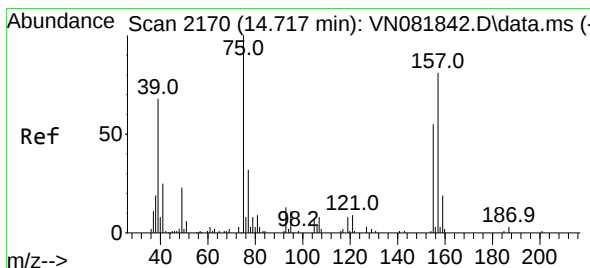
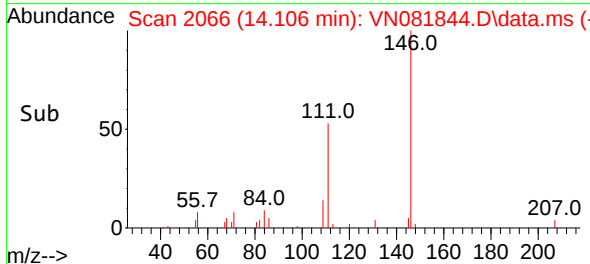
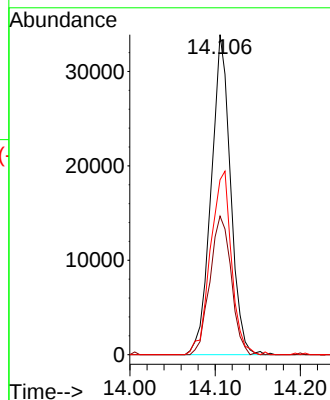
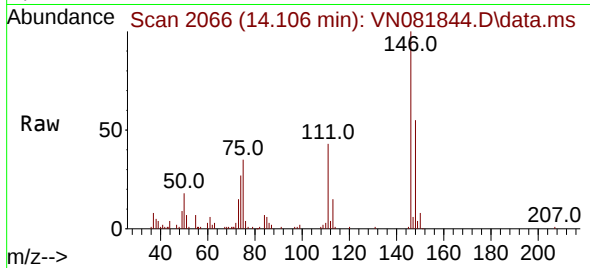
#91
1,2-Dichlorobenzene
Concen: 10.276 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.5	21.3	64.0
148	62.2	31.8	95.4

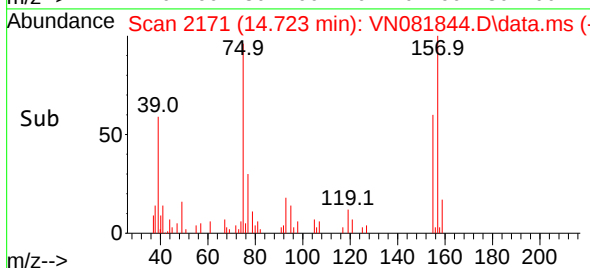
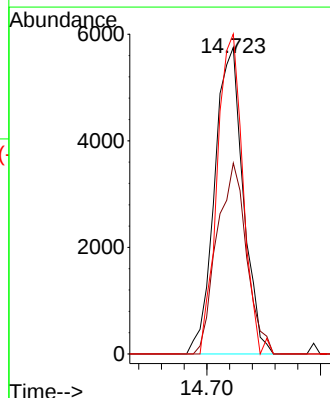
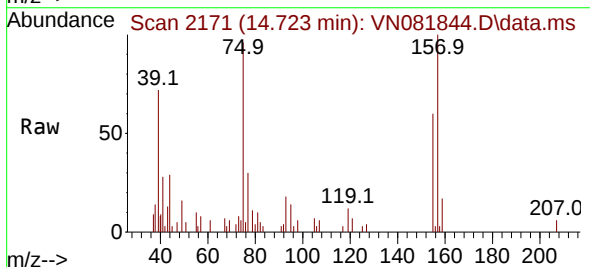
Manual Integrations
APPROVED

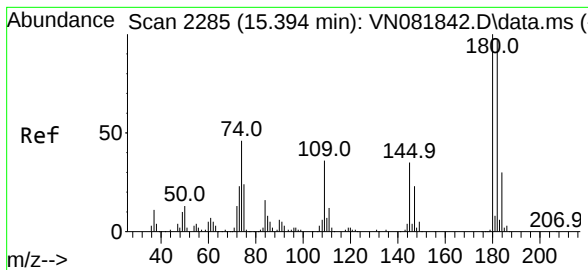
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.905 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	64.5	42.6	128.0
157	93.4	53.0	159.0





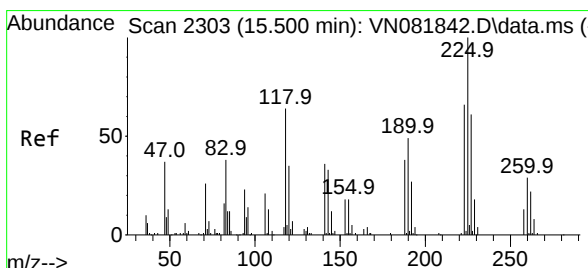
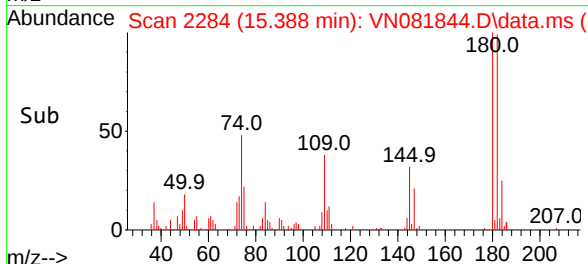
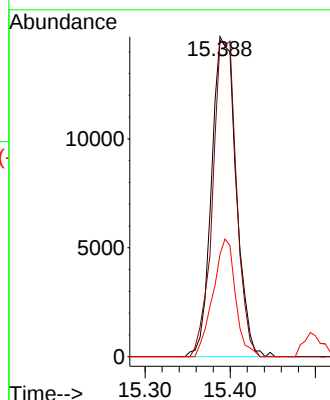
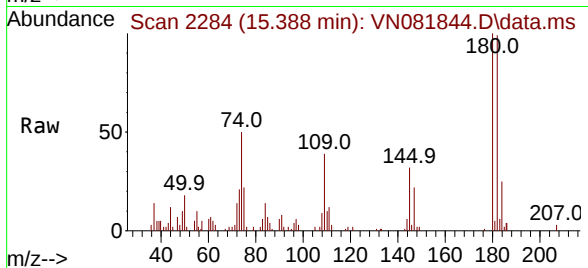
#93
1,2,4-Trichlorobenzene
Concen: 10.094 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:180 Resp: 2939
Ion Ratio Lower Upper
180 100
182 95.9 46.7 140.0
145 33.6 16.2 48.6

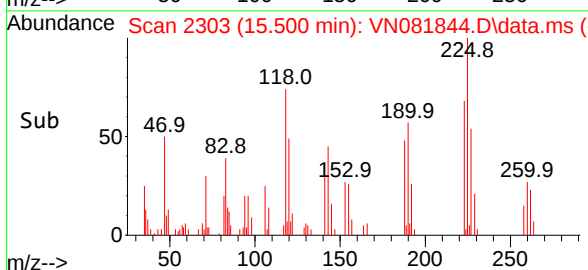
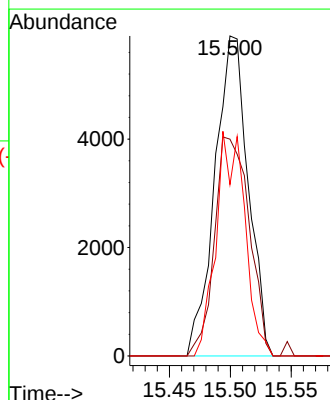
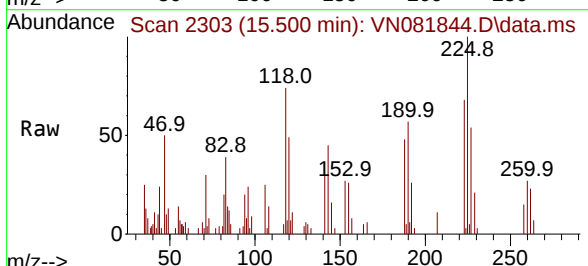
Manual Integrations
APPROVED

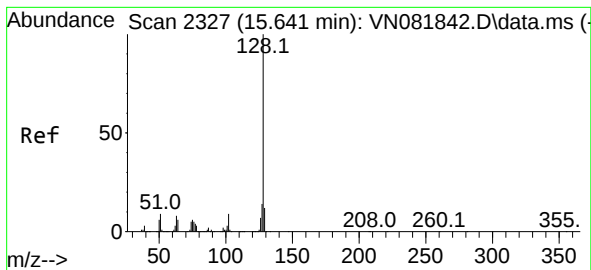
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#94
Hexachlorobutadiene
Concen: 10.491 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN081844.D
Acq: 25 Apr 2024 11:43

Tgt Ion:225 Resp: 11261
Ion Ratio Lower Upper
225 100
223 71.2 31.1 93.2
227 60.3 30.6 91.6





#95

Naphthalene

Concen: 10.180 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:128 Resp: 112020

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

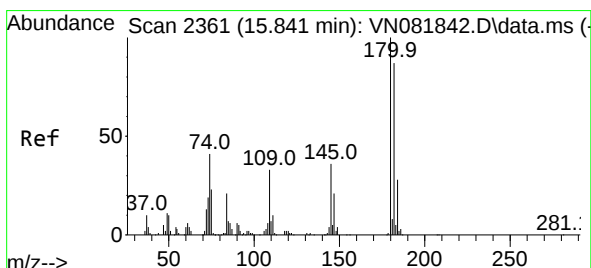
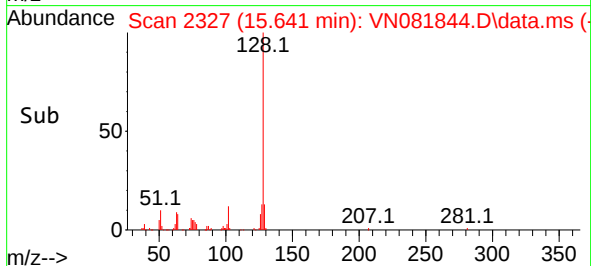
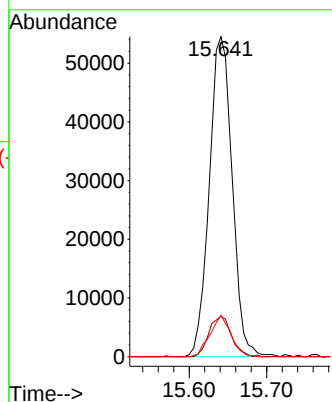
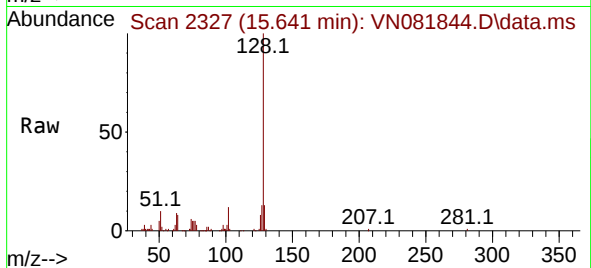
129 11.7 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 9.875 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081844.D

Acq: 25 Apr 2024 11:43

Tgt Ion:180 Resp: 27611

Ion Ratio Lower Upper

180 100

182 97.9 46.0 137.8

145 38.6 17.1 51.3

