

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083836.D
 Acq On : 12 Sep 2024 17:05
 Operator : JC\MD
 Sample : VN0912WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD02

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 00:20:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	149376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111838	49.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.300%		
35) Dibromofluoromethane	8.165	113	80094	48.112	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.220%		
50) Toluene-d8	10.565	98	293199	50.946	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.900%		
62) 4-Bromofluorobenzene	12.847	95	118430	49.877	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	34654	19.976	ug/l	98
3) Chloromethane	2.359	50	35688	19.001	ug/l	95
4) Vinyl Chloride	2.512	62	37211	19.570	ug/l	94
5) Bromomethane	2.901	94	21080	19.309	ug/l	100
6) Chloroethane	3.059	64	25456	19.085	ug/l	95
7) Trichlorofluoromethane	3.459	101	63940	19.810	ug/l	98
8) Diethyl Ether	3.953	74	22474	20.772	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.348	101	35575	20.795	ug/l	97
10) Methyl Iodide	4.571	142	43571	20.025	ug/l	96
11) Tert butyl alcohol	5.547	59	42185	139.864	ug/l #	94
12) 1,1-Dichloroethene	4.318	96	33155	20.521	ug/l	93
13) Acrolein	4.171	56	33005	110.906	ug/l	100
14) Allyl chloride	5.012	41	58784	20.419	ug/l	96
15) Acrylonitrile	5.718	53	87337	106.477	ug/l	100
16) Acetone	4.430	43	80281	88.912	ug/l	99
17) Carbon Disulfide	4.695	76	80444	17.799	ug/l	98
18) Methyl Acetate	5.024	43	46971	24.003	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	119397	20.422	ug/l	100
20) Methylene Chloride	5.271	84	36584	19.800	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	32558	18.803	ug/l	91
22) Diisopropyl ether	6.671	45	123561	20.850	ug/l	99
23) Vinyl Acetate	6.600	43	467174	107.646	ug/l	99
24) 1,1-Dichloroethane	6.559	63	68630	20.101	ug/l	99
25) 2-Butanone	7.489	43	122289	103.045	ug/l	97
26) 2,2-Dichloropropane	7.483	77	61531	19.569	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	40641	19.772	ug/l	96
28) Bromochloromethane	7.812	49	28574	19.873	ug/l	94
29) Tetrahydrofuran	7.841	42	78942	112.498	ug/l	96
30) Chloroform	7.959	83	71650	19.767	ug/l	99
31) Cyclohexane	8.253	56	62100	19.076	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	66824	20.050	ug/l	97
36) 1,1-Dichloropropene	8.365	75	48203	19.237	ug/l	99
37) Ethyl Acetate	7.559	43	50975	22.412	ug/l	98
38) Carbon Tetrachloride	8.359	117	56561	19.897	ug/l	92
39) Methylcyclohexane	9.594	83	52498	18.407	ug/l	99
40) Benzene	8.600	78	148173	19.647	ug/l	98

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 Supervised By :Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 00:20:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28265	21.012	ug/l	99
42) 1,2-Dichloroethane	8.665	62	59269	21.031	ug/l	99
43) Isopropyl Acetate	8.688	43	153525	37.249	ug/l #	84
44) Trichloroethene	9.353	130	33303	19.069	ug/l	99
45) 1,2-Dichloropropane	9.618	63	37279	20.451	ug/l	98
46) Dibromomethane	9.706	93	25767	20.182	ug/l	98
47) Bromodichloromethane	9.888	83	56727	20.530	ug/l	97
48) Methyl methacrylate	9.682	41	43361	22.175	ug/l	99
49) 1,4-Dioxane	9.700	88	14242	442.738	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	248294	110.669	ug/l	97
52) Toluene	10.629	92	92499	20.051	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	56941	20.330	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	61698	20.971	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	34821	20.219	ug/l	97
56) Ethyl methacrylate	10.871	69	58644	22.132	ug/l	95
57) 1,3-Dichloropropane	11.165	76	60657	20.493	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	116019	121.519	ug/l	97
59) 2-Hexanone	11.194	43	183650	110.658	ug/l	97
60) Dibromochloromethane	11.359	129	39727	20.612	ug/l	98
61) 1,2-Dibromoethane	11.471	107	34116	19.863	ug/l	97
64) Tetrachloroethene	11.100	164	27575	17.782	ug/l	94
65) Chlorobenzene	11.894	112	96525	18.624	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	35578	19.802	ug/l	99
67) Ethyl Benzene	11.965	91	176881	19.212	ug/l	97
68) m/p-Xylenes	12.071	106	130670	38.228	ug/l	99
69) o-Xylene	12.400	106	63480	19.184	ug/l	98
70) Styrene	12.412	104	104143	19.177	ug/l	97
71) Bromoform	12.576	173	24337	20.101	ug/l #	96
73) Isopropylbenzene	12.694	105	165658	18.538	ug/l	100
74) N-amyl acetate	12.494	43	81014	21.249	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	50957	19.408	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	44336m	19.023	ug/l	
77) Bromobenzene	12.982	156	36786	17.102	ug/l	96
78) n-propylbenzene	13.035	91	185448	17.837	ug/l	99
79) 2-Chlorotoluene	13.123	91	119320	17.995	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	135518	17.988	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	17183	19.310	ug/l	91
82) 4-Chlorotoluene	13.223	91	118967	17.879	ug/l	99
83) tert-Butylbenzene	13.435	119	119708	18.161	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	138124	18.251	ug/l	99
85) sec-Butylbenzene	13.618	105	156934	17.953	ug/l	100
86) p-Isopropyltoluene	13.729	119	128943	17.596	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	68051	16.764	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	69459	16.898	ug/l	98
89) n-Butylbenzene	14.053	91	109998	16.719	ug/l	99
90) Hexachloroethane	14.335	117	25816	17.526	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	69124	17.644	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10792	20.620	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	34238	16.286	ug/l	99
94) Hexachlorobutadiene	15.506	225	14970	16.767	ug/l	98
95) Naphthalene	15.641	128	119821	18.733	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33666	16.756	ug/l	98

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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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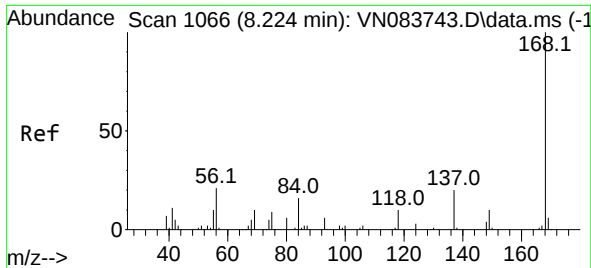
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 00:20:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

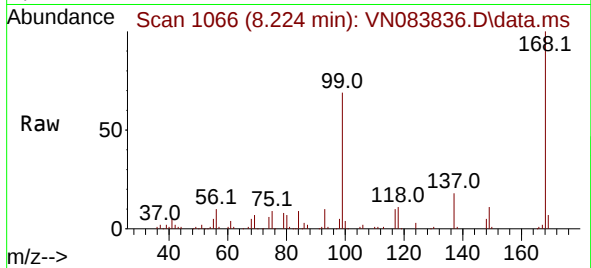
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083836.D
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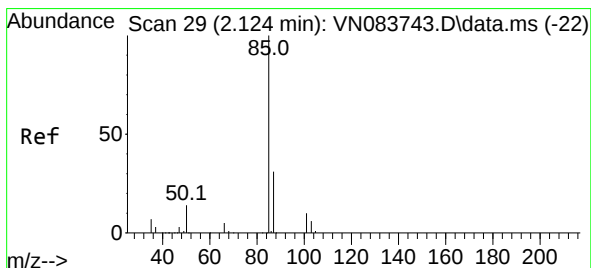
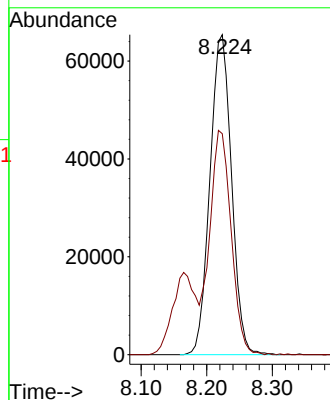
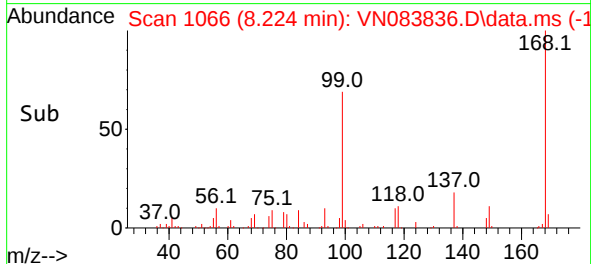
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



Tgt Ion:168 Resp: 149370
Ion Ratio Lower Upper
168 100
99 68.8 54.2 81.2

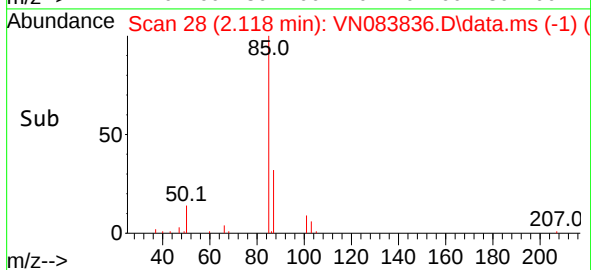
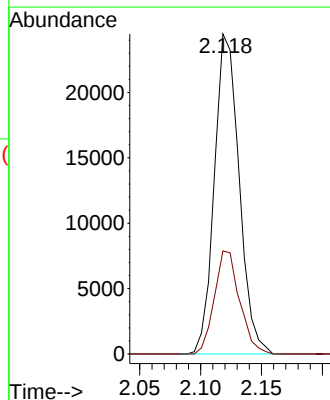
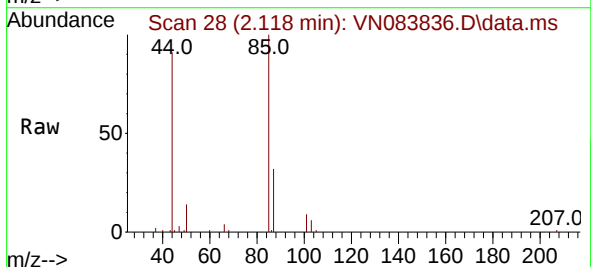
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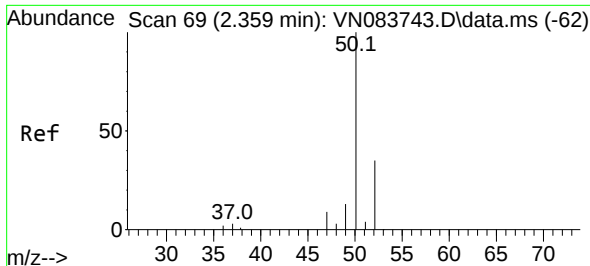
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#2
Dichlorodifluoromethane
Concen: 19.976 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Tgt Ion: 85 Resp: 34654
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0





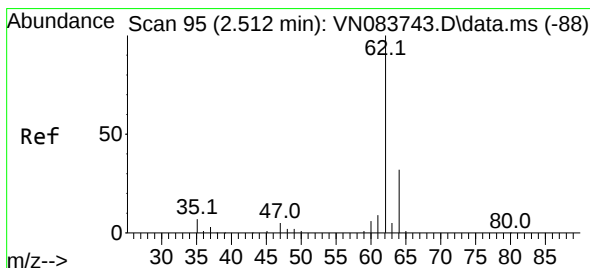
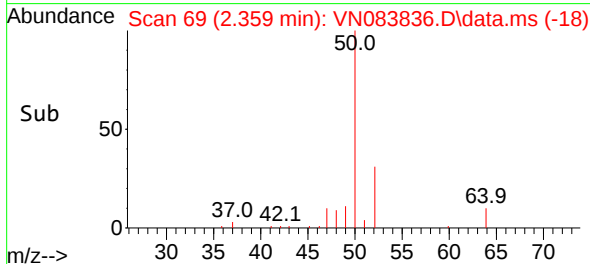
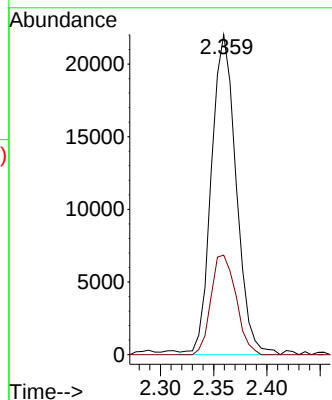
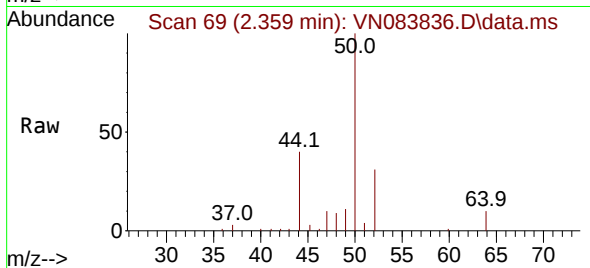
#3
Chloromethane
Concen: 19.001 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 3568
Ion Ratio Lower Upper
50 100
52 31.1 27.2 40.8

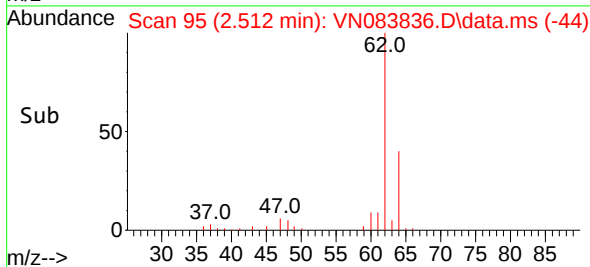
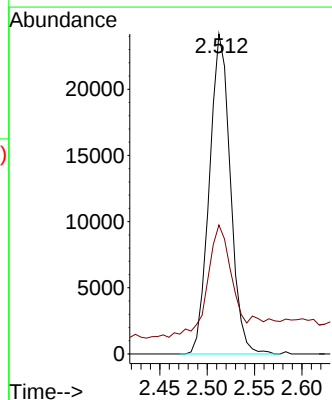
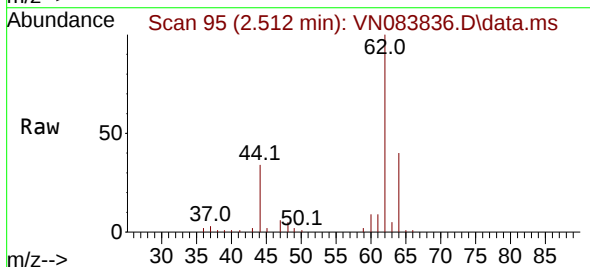
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#4
Vinyl Chloride
Concen: 19.570 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

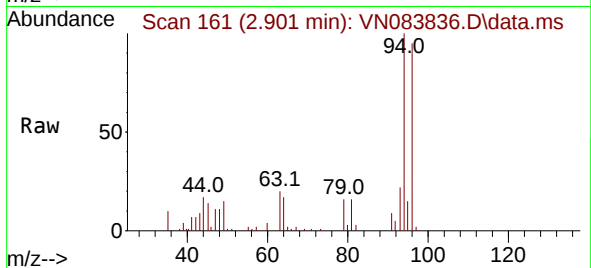
Tgt Ion: 62 Resp: 37211
Ion Ratio Lower Upper
62 100
64 34.1 24.7 37.1





#5
Bromomethane
Concen: 19.309 ug/l
RT: 2.901 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

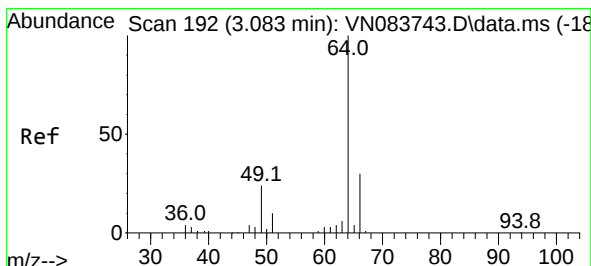
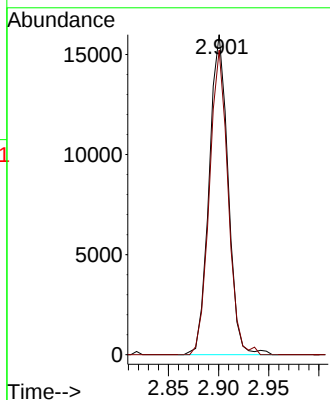
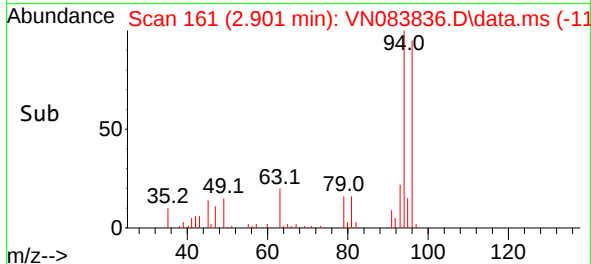
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



Tgt Ion: 94 Resp: 21080
Ion Ratio Lower Upper
94 100
96 95.1 76.0 114.0

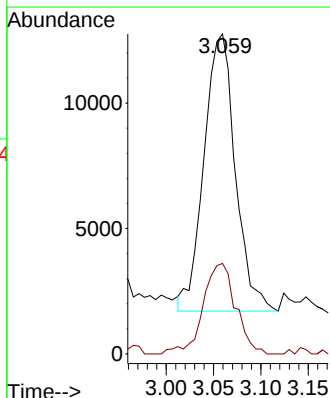
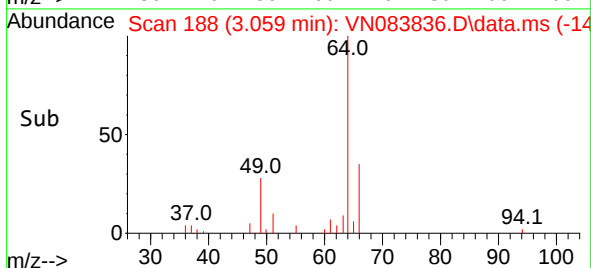
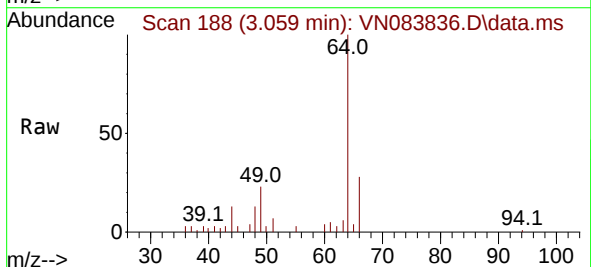
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#6
Chloroethane
Concen: 19.085 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.024 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Tgt Ion: 64 Resp: 25456
Ion Ratio Lower Upper
64 100
66 32.7 23.9 35.9





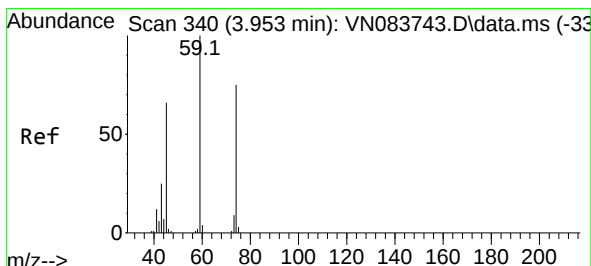
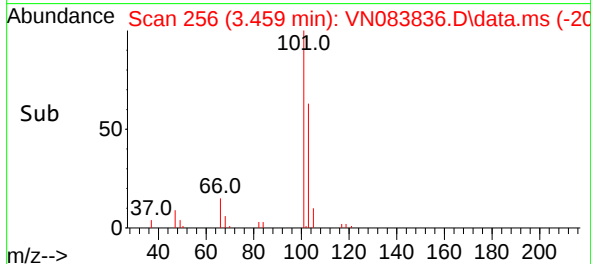
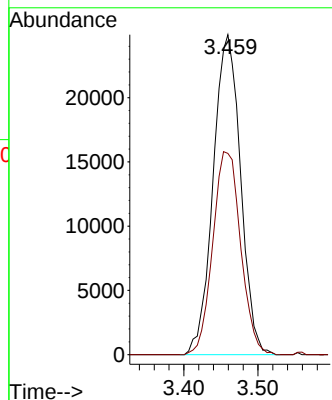
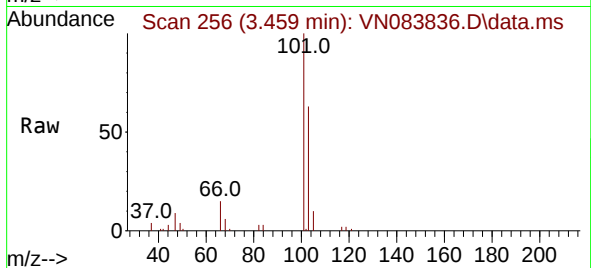
#7
Trichlorofluoromethane
Concen: 19.810 ug/l
RT: 3.459 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion:101 Resp: 63940
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.0

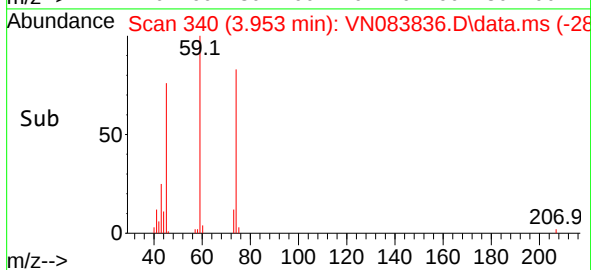
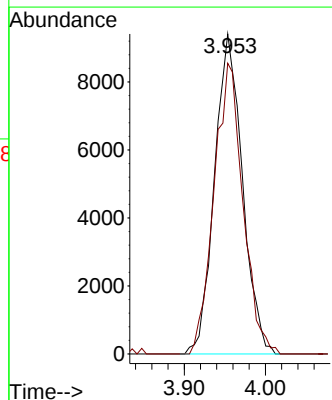
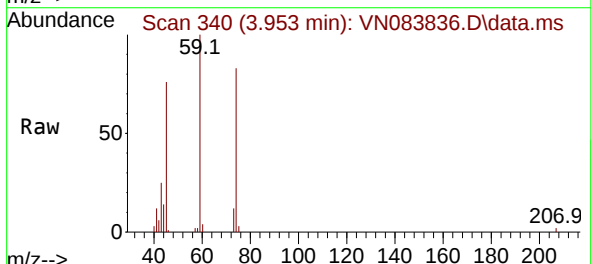
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#8
Diethyl Ether
Concen: 20.772 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Tgt Ion: 74 Resp: 22474
Ion Ratio Lower Upper
74 100
45 94.3 46.7 140.1





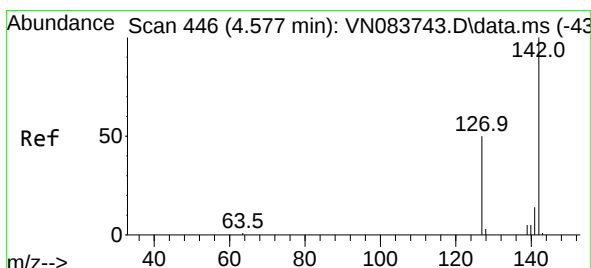
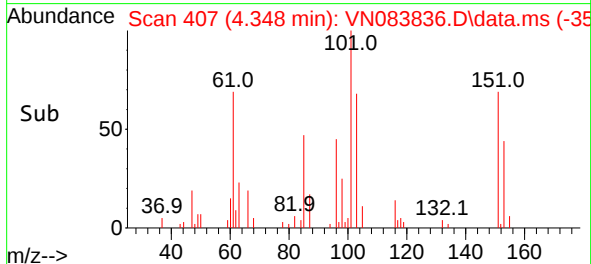
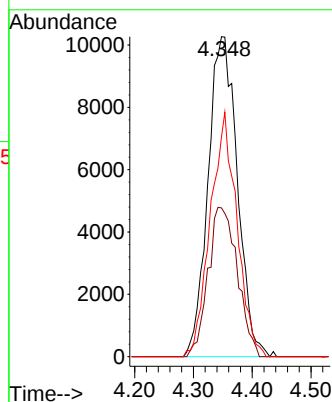
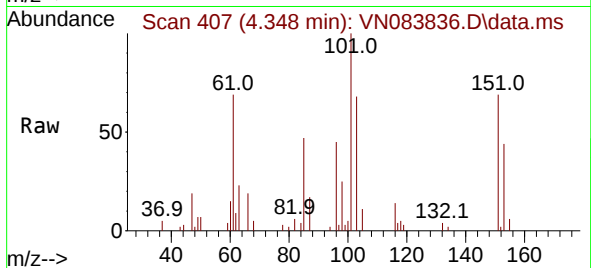
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.795 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion:101 Resp: 3557
Ion Ratio Lower Upper
101 100
85 46.6 36.2 54.4
151 69.3 57.7 86.5

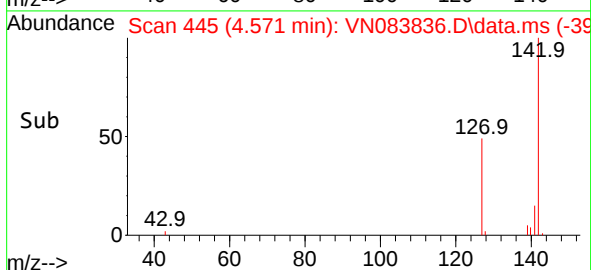
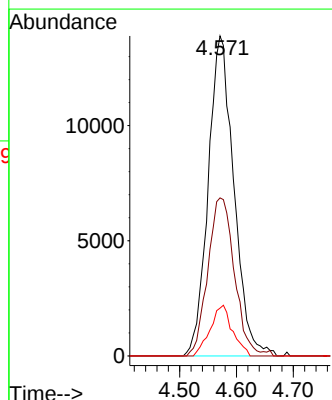
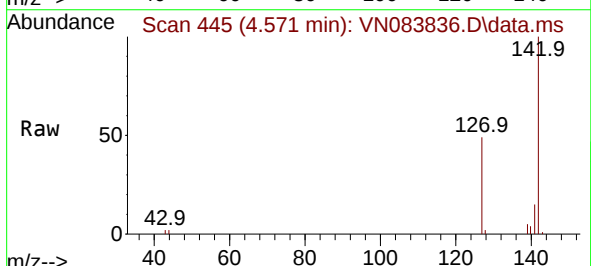
Manual Integrations
APPROVED

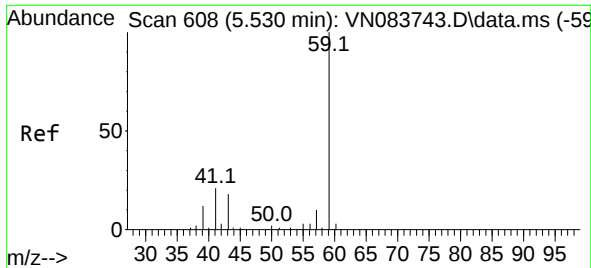
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#10
Methyl Iodide
Concen: 20.025 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Tgt Ion:142 Resp: 43571
Ion Ratio Lower Upper
142 100
127 49.4 37.5 56.3
141 14.9 11.0 16.4





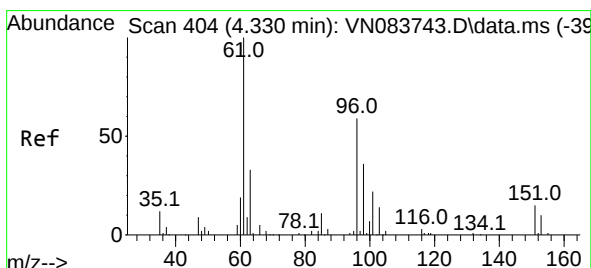
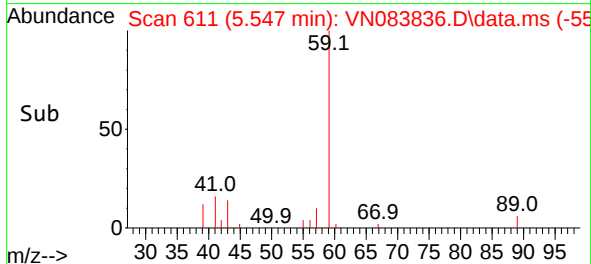
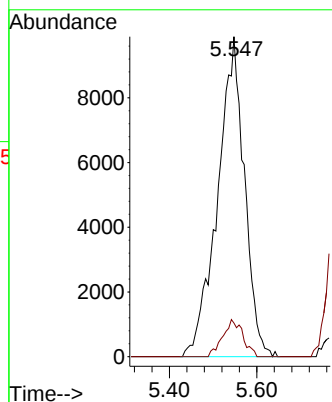
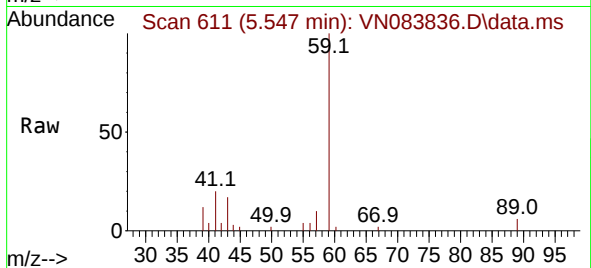
#11
Tert butyl alcohol
Concen: 139.864 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.018 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion: 59 Resp: 4218
Ion Ratio Lower Upper
59 100
57 8.7 8.7 13.1

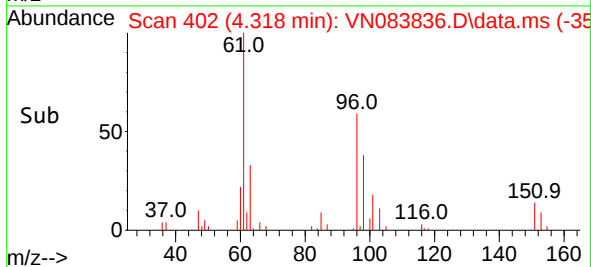
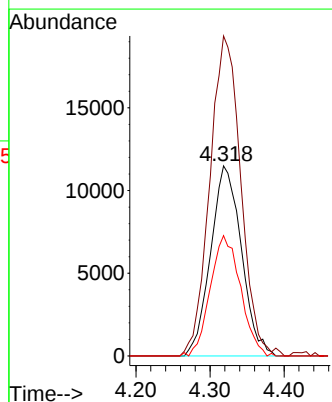
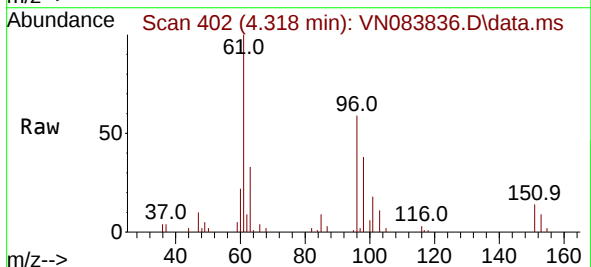
Manual Integrations
APPROVED

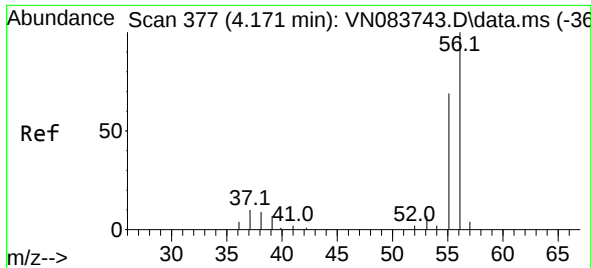
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#12
1,1-Dichloroethene
Concen: 20.521 ug/l
RT: 4.318 min Scan# 402
Delta R.T. -0.012 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

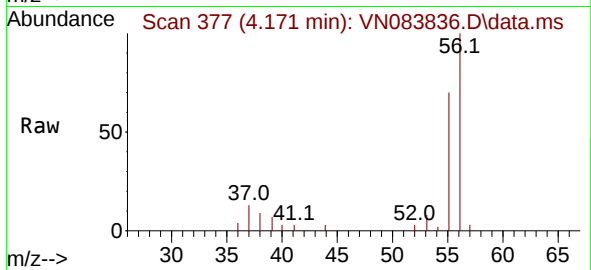
Tgt Ion: 96 Resp: 33155
Ion Ratio Lower Upper
96 100
61 168.3 143.4 215.0
98 63.3 52.7 79.1





#13
Acrolein
Concen: 110.906 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

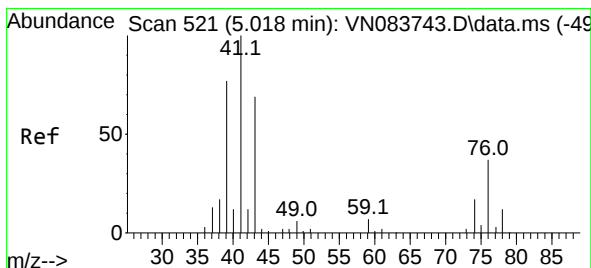
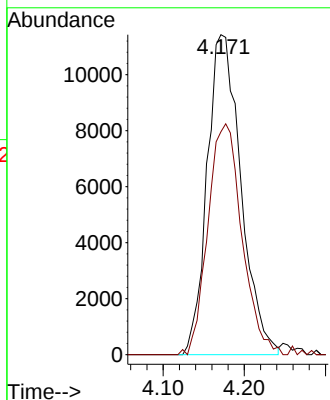
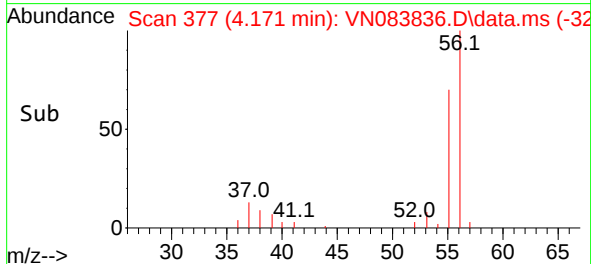
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



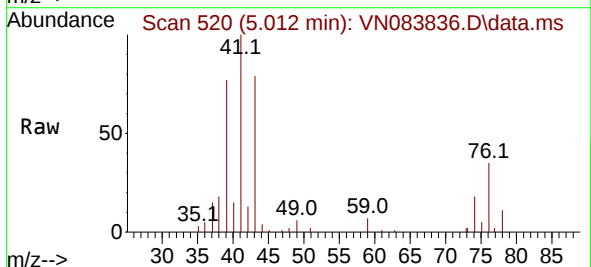
Tgt Ion: 56 Resp: 3300
Ion Ratio Lower Upper
56 100
55 72.7 58.2 87.2

Manual Integrations
APPROVED

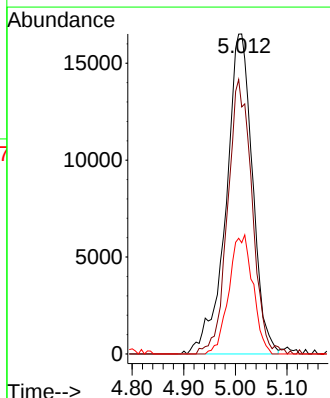
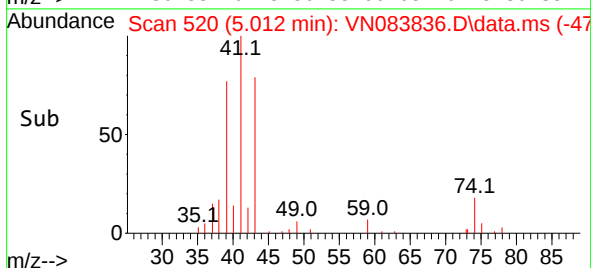
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

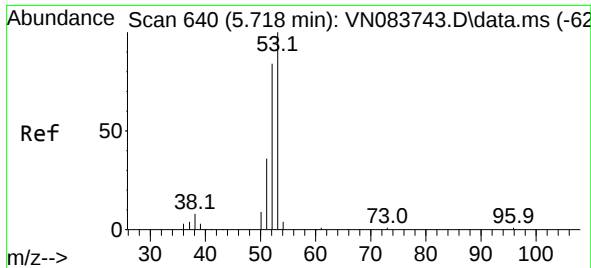


#14
Allyl chloride
Concen: 20.419 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05



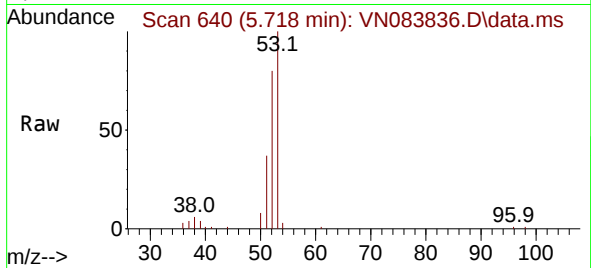
Tgt Ion: 41 Resp: 58784
Ion Ratio Lower Upper
41 100
39 78.9 59.3 88.9
76 33.7 27.7 41.5





#15
Acrylonitrile
Concen: 106.477 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

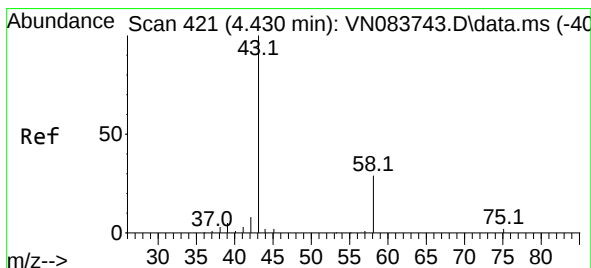
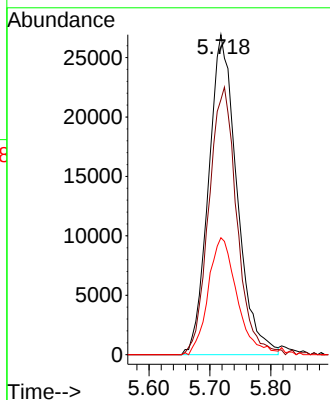
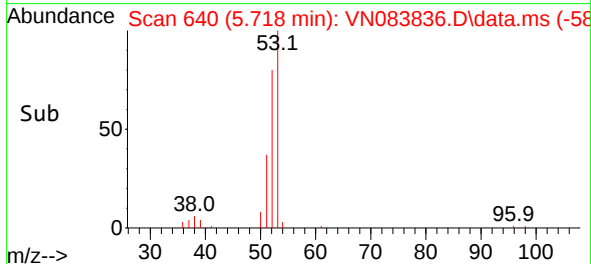
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



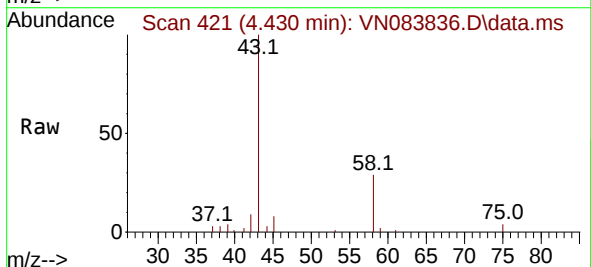
Tgt Ion: 53 Resp: 8733
Ion Ratio Lower Upper
53 100
52 82.2 66.1 99.1
51 37.0 29.6 44.4

Manual Integrations
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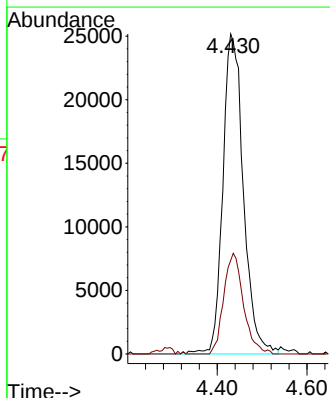
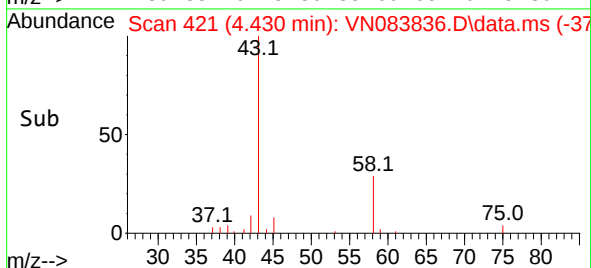
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

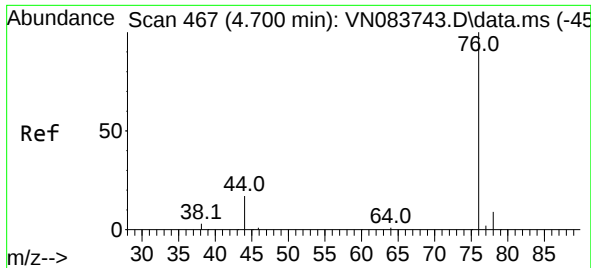


#16
Acetone
Concen: 88.912 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05



Tgt Ion: 43 Resp: 80281
Ion Ratio Lower Upper
43 100
58 29.2 23.7 35.5





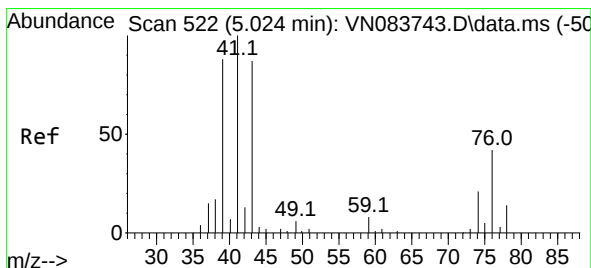
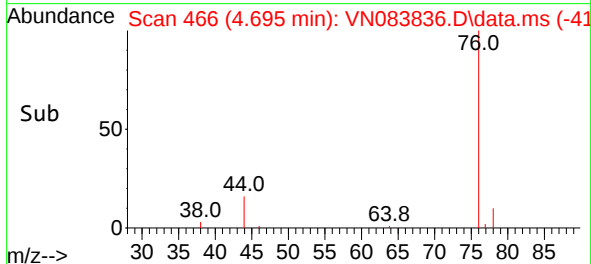
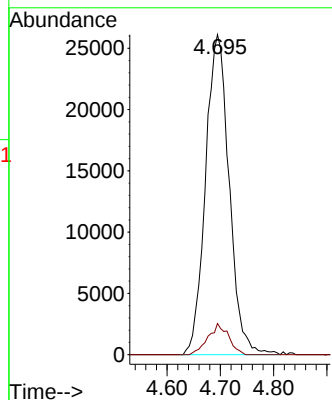
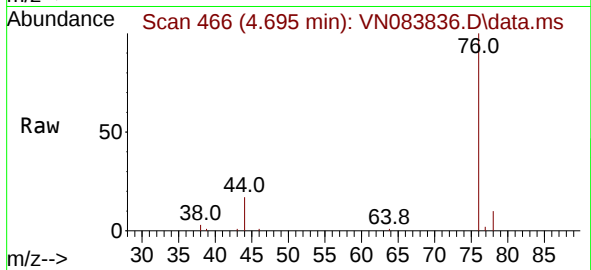
#17
Carbon Disulfide
Concen: 17.799 ug/l
RT: 4.695 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion: 76 Resp: 8044
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

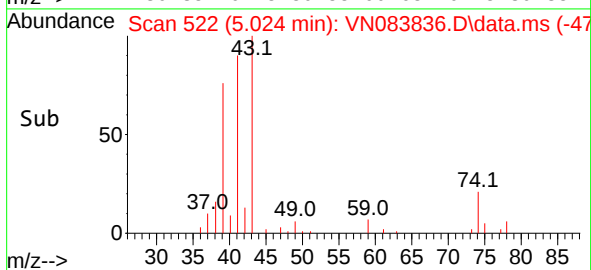
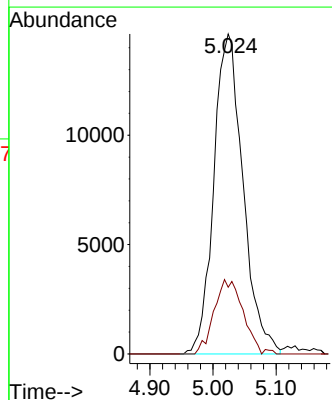
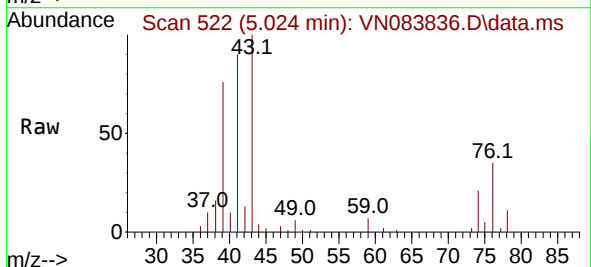
Manual Integrations
APPROVED

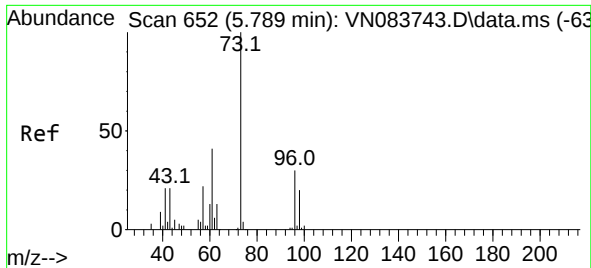
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#18
Methyl Acetate
Concen: 24.003 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Tgt Ion: 43 Resp: 46971
Ion Ratio Lower Upper
43 100
74 22.8 19.0 28.4





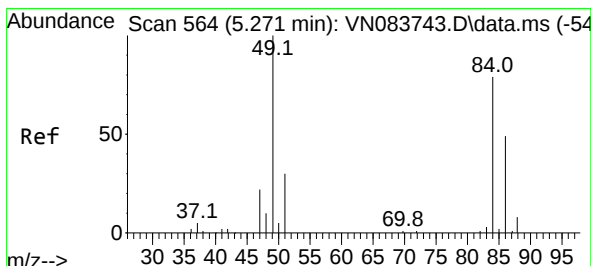
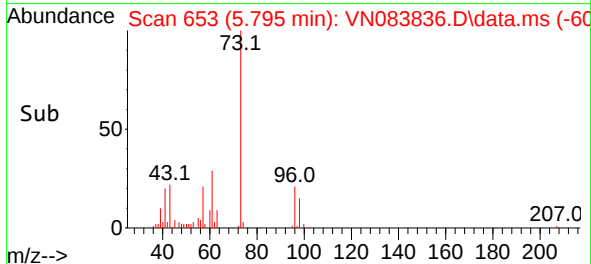
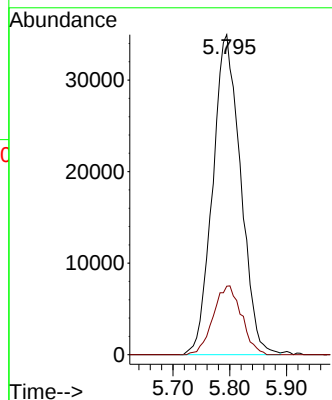
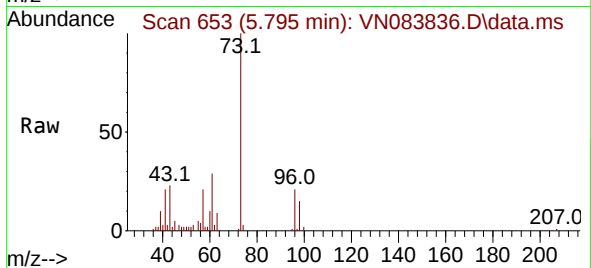
#19
Methyl tert-butyl Ether
Concen: 20.422 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion: 73 Resp: 11939
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.6

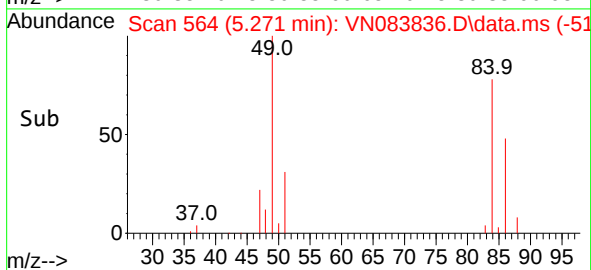
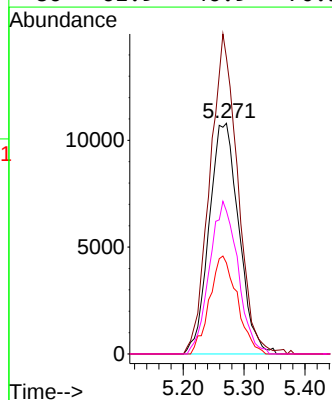
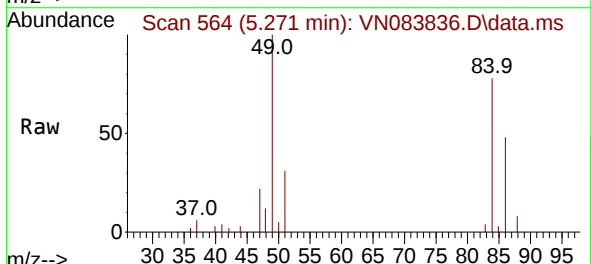
Manual Integrations
APPROVED

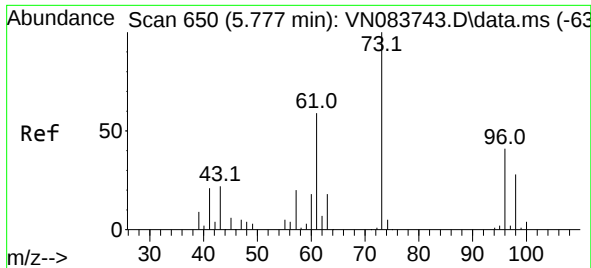
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#20
Methylene Chloride
Concen: 19.800 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Tgt Ion: 84 Resp: 36584
Ion Ratio Lower Upper
84 100
49 128.4 93.4 140.0
51 39.4 29.2 43.8
86 61.9 46.9 70.3





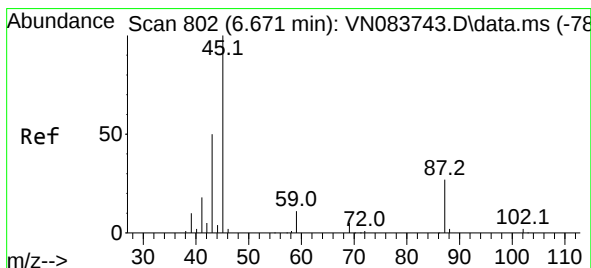
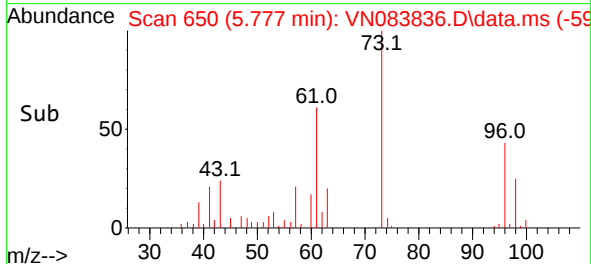
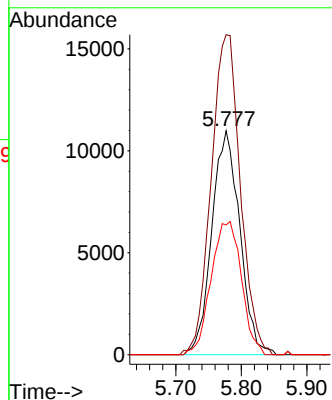
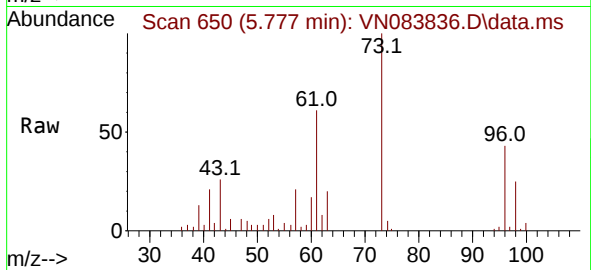
#21
trans-1,2-Dichloroethene
Concen: 18.803 ug/l
RT: 5.777 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion: 96 Resp: 32558
Ion Ratio Lower Upper
96 100
61 142.9 106.0 159.0
98 57.9 52.2 78.2

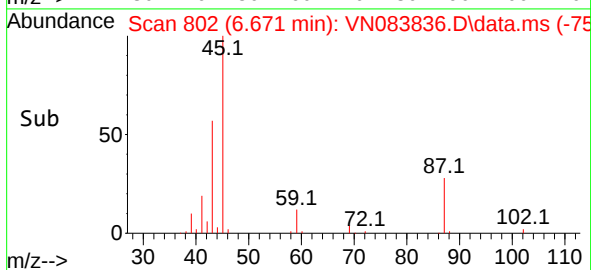
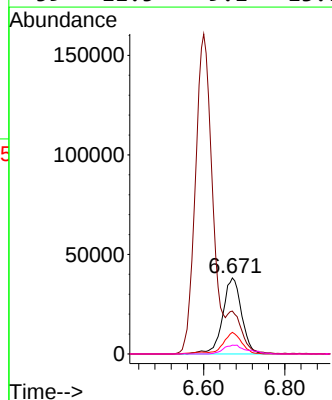
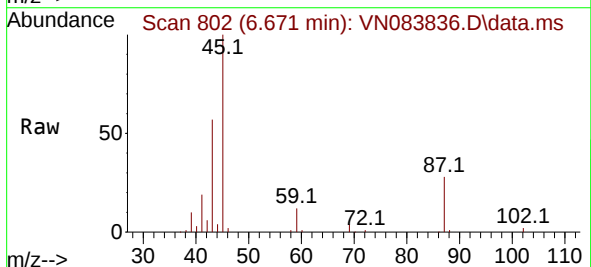
Manual Integrations
APPROVED

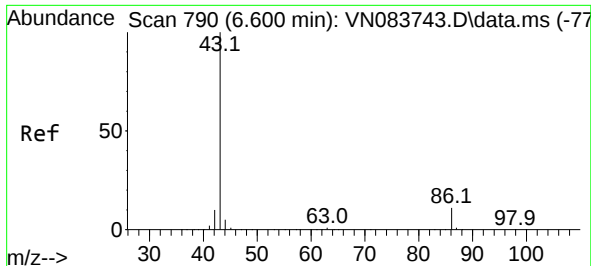
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#22
Diisopropyl ether
Concen: 20.850 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

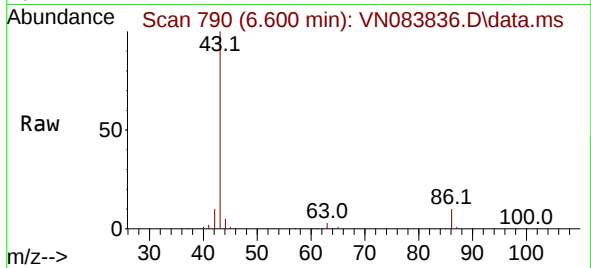
Tgt Ion: 45 Resp: 123561
Ion Ratio Lower Upper
45 100
43 55.8 43.4 65.0
87 28.4 22.6 33.8
59 11.5 9.1 13.7





#23
 Vinyl Acetate
 Concen: 107.646 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083836.D
 Acq: 12 Sep 2024 17:05

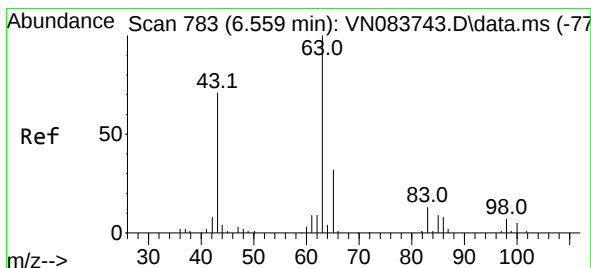
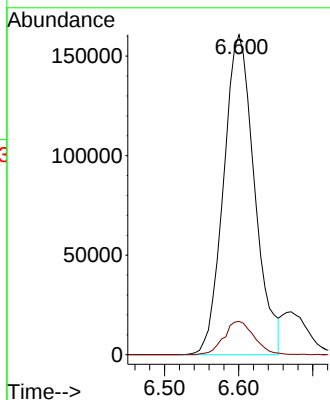
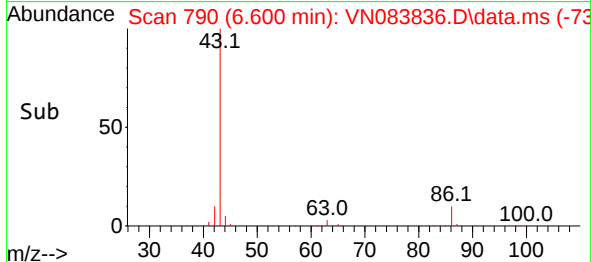
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD02



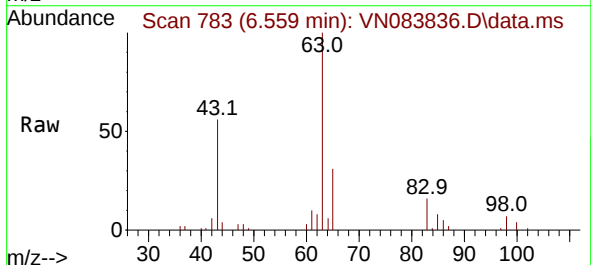
Tgt Ion: 43 Resp: 467174
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.7 13.1

Manual Integrations
 APPROVED

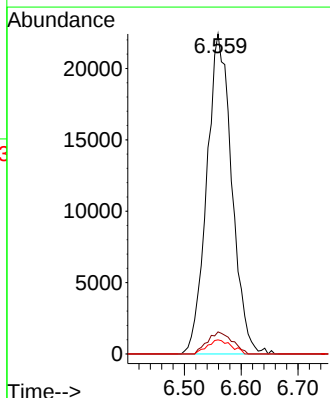
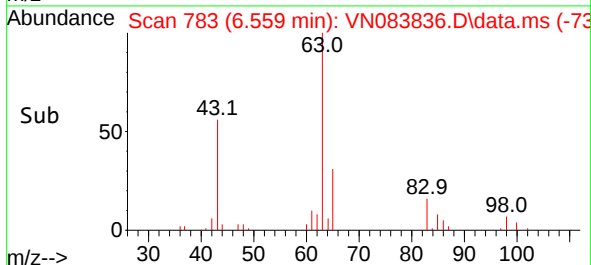
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024

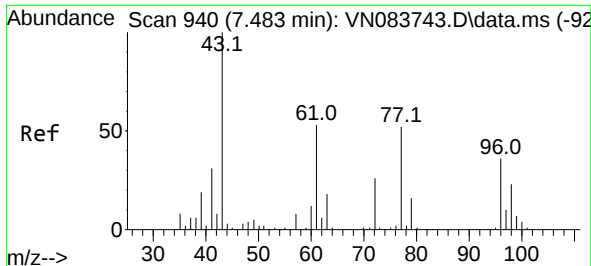


#24
 1,1-Dichloroethane
 Concen: 20.101 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: VN083836.D
 Acq: 12 Sep 2024 17:05



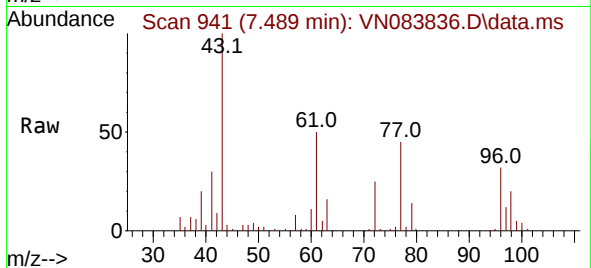
Tgt Ion: 63 Resp: 68630
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.4 2.5 7.5





#25
2-Butanone
Concen: 103.045 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

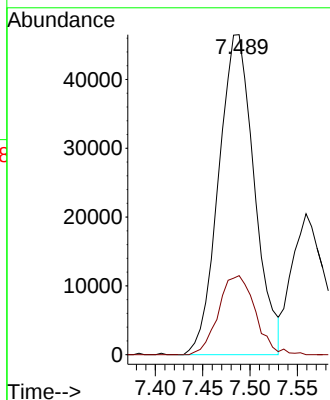
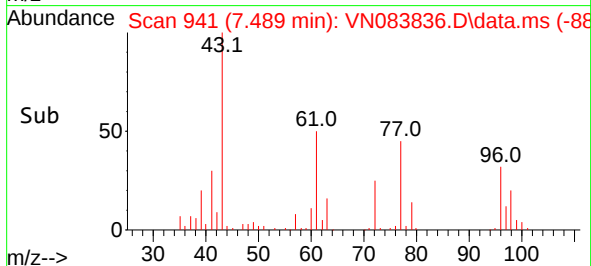
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



Tgt Ion: 43 Resp: 122289
Ion Ratio Lower Upper
43 100
72 24.7 20.8 31.2

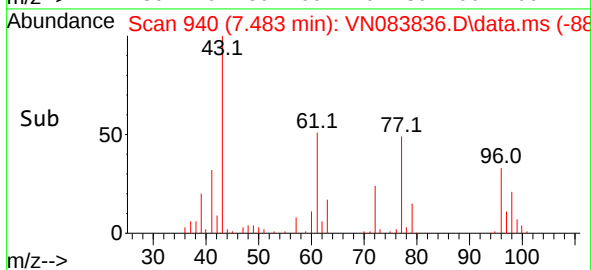
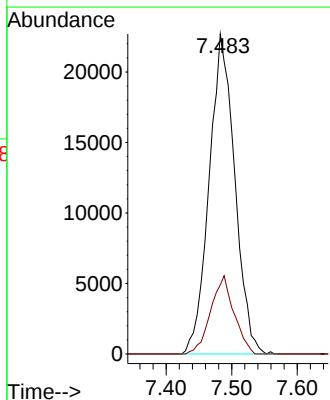
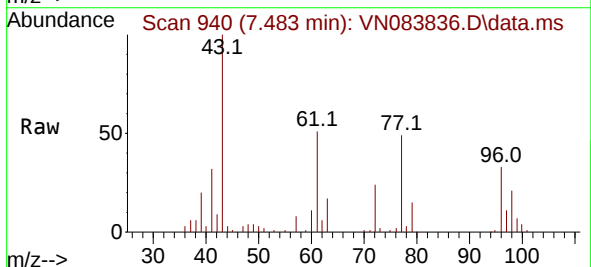
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#26
2,2-Dichloropropane
Concen: 19.569 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Tgt Ion: 77 Resp: 61531
Ion Ratio Lower Upper
77 100
97 22.2 10.2 30.4





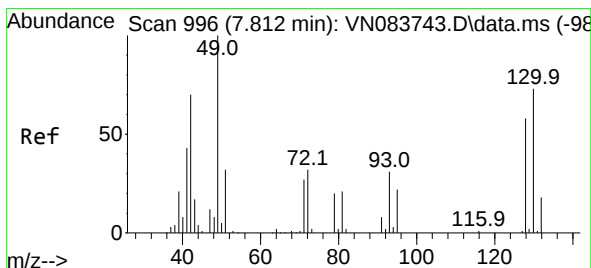
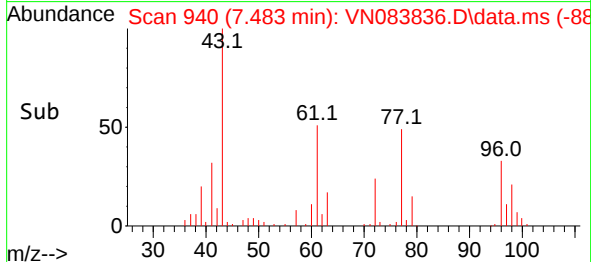
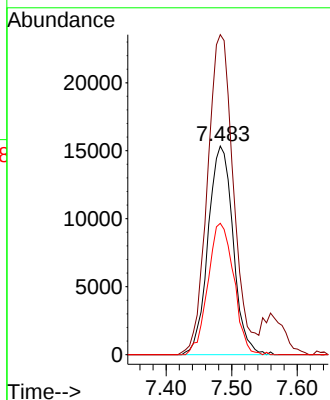
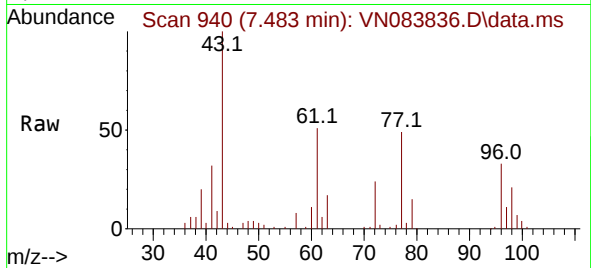
#27
 cis-1,2-Dichloroethene
 Concen: 19.772 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083836.D
 Acq: 12 Sep 2024 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD02

Tgt Ion: 96 Resp: 4064
 Ion Ratio Lower Upper
 96 100
 61 160.1 0.0 306.2
 98 64.9 0.0 128.6

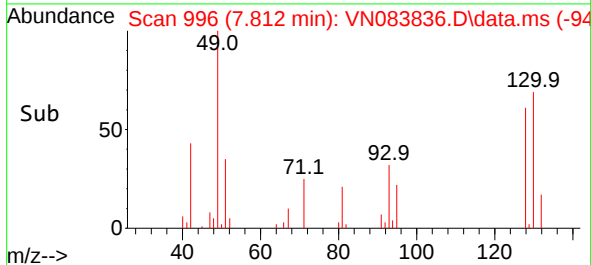
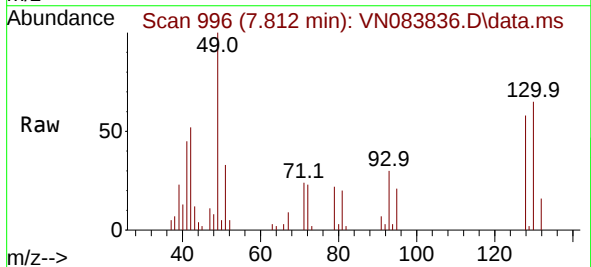
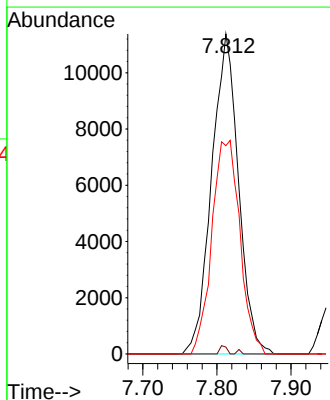
Manual Integrations
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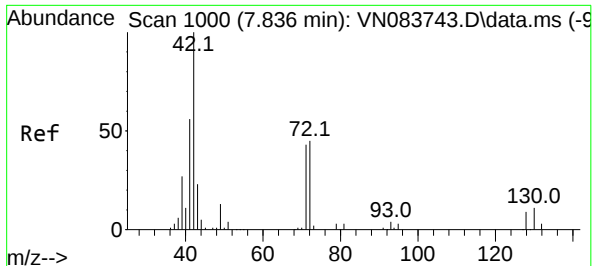
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#28
 Bromochloromethane
 Concen: 19.873 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083836.D
 Acq: 12 Sep 2024 17:05

Tgt Ion: 49 Resp: 28574
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.4
 130 69.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 112.498 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD02

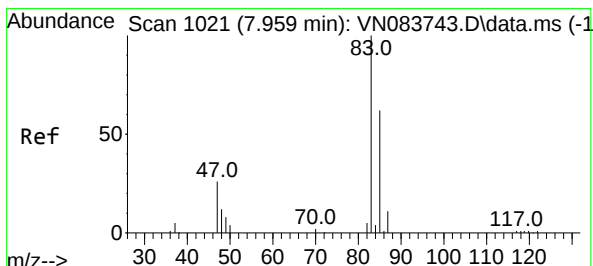
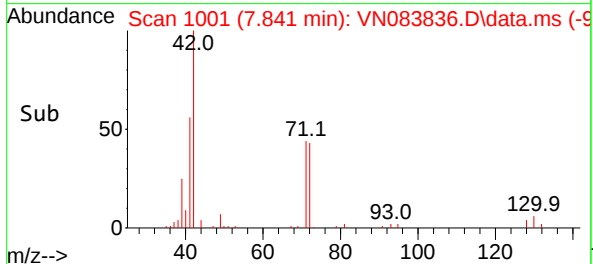
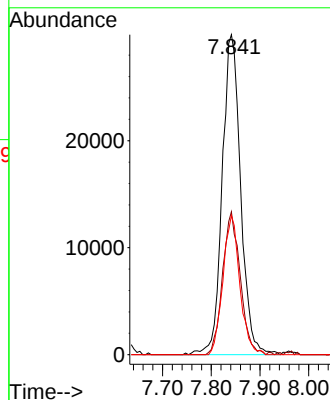
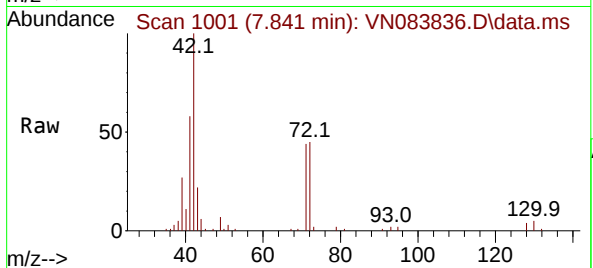
Tgt Ion:	42	Resp:	7894
Ion Ratio	Lower	Upper	
42	100		
72	42.6	35.9	53.9
71	39.9	33.9	50.9

Manual Integrations

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Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#30

Chloroform

Concen: 19.767 ug/l

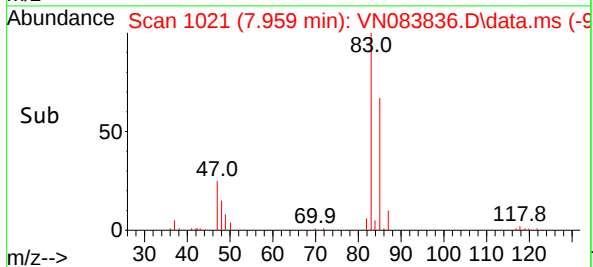
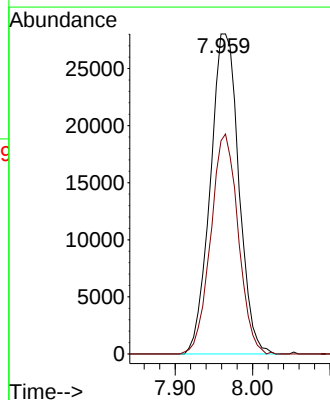
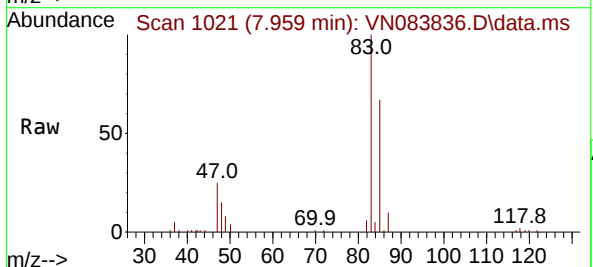
RT: 7.959 min Scan# 1021

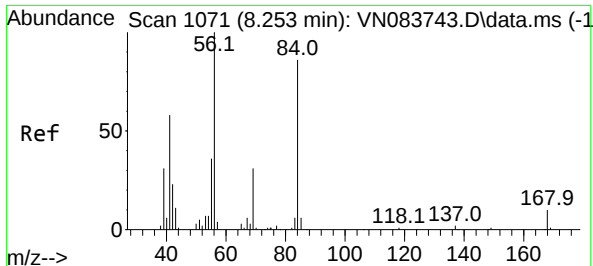
Delta R.T. 0.000 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

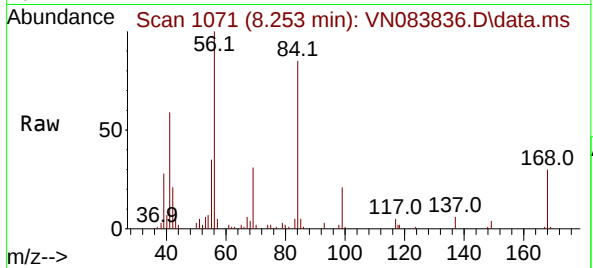
Tgt Ion:	83	Resp:	71650
Ion Ratio	Lower	Upper	
83	100		
85	66.6	52.8	79.2





#31
Cyclohexane
Concen: 19.076 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

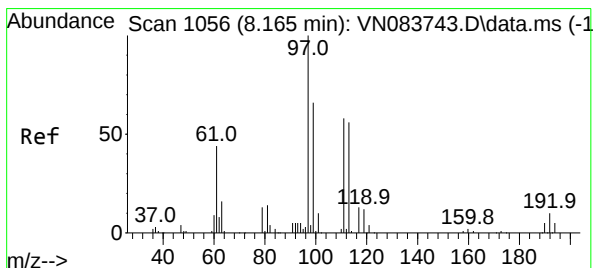
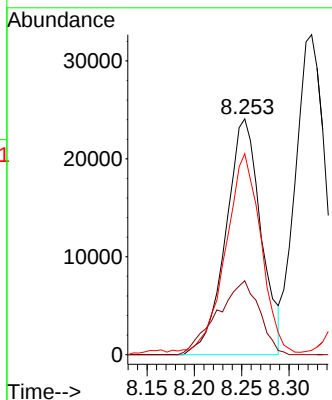
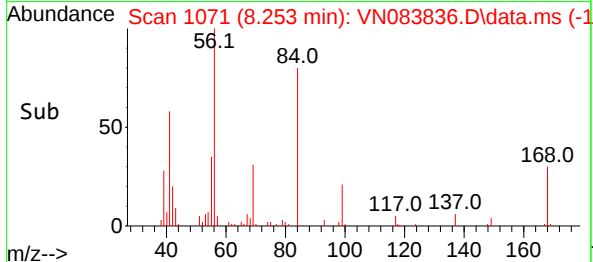
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



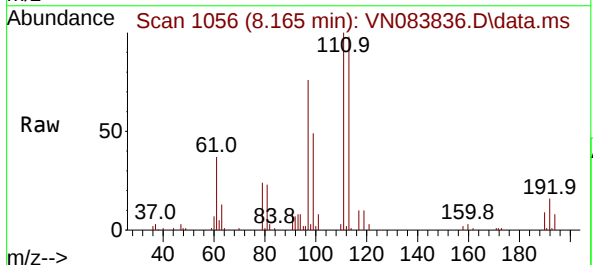
Tgt Ion: 56 Resp: 62100
Ion Ratio Lower Upper
56 100
69 31.4 26.9 40.3
84 83.7 69.2 103.8

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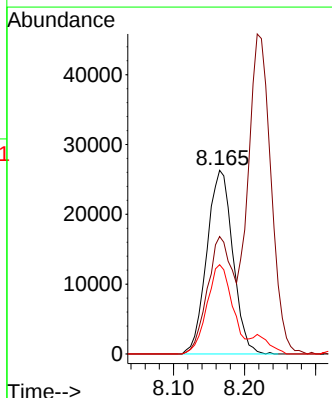
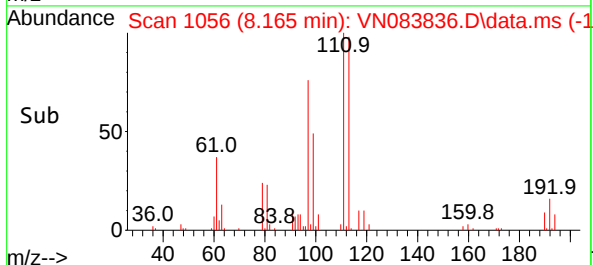
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

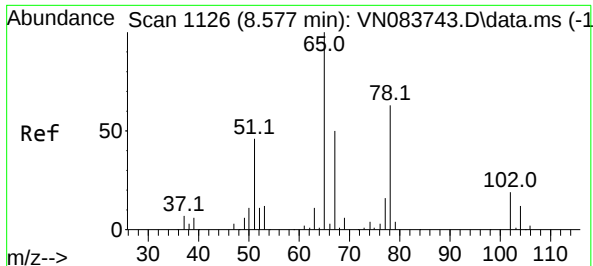


#32
1,1,1-Trichloroethane
Concen: 20.050 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05



Tgt Ion: 97 Resp: 66824
Ion Ratio Lower Upper
97 100
99 61.9 52.3 78.5
61 48.6 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 49.653 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD02

Tgt Ion: 65 Resp: 111838

Ion Ratio Lower Upper

65 100

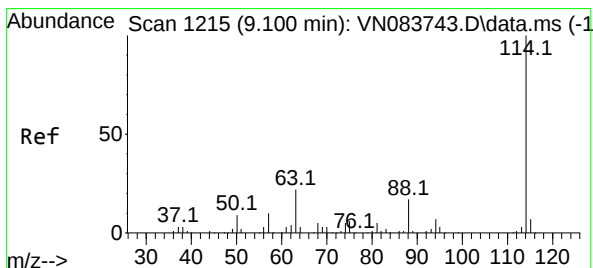
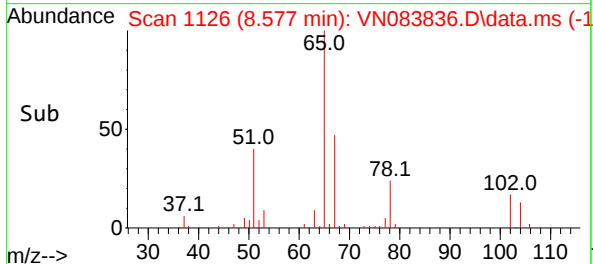
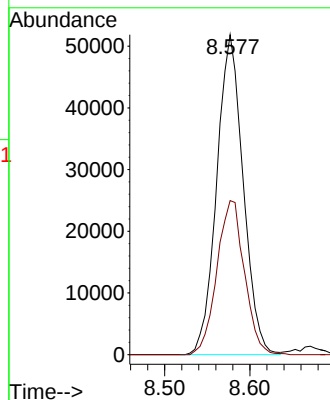
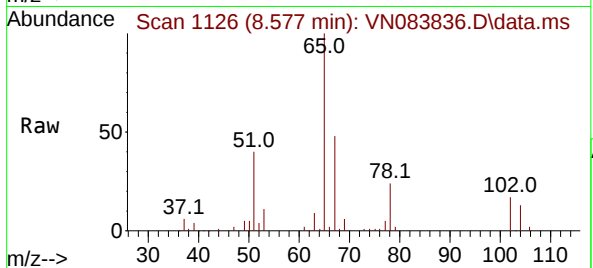
67 50.1 0.0 100.8

Manual Integrations

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Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

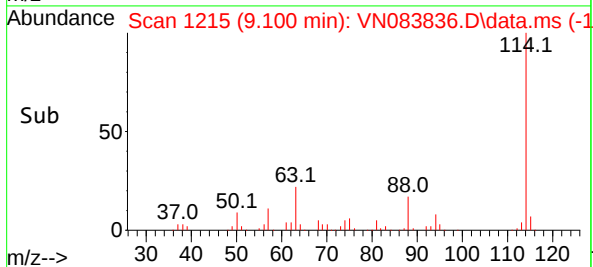
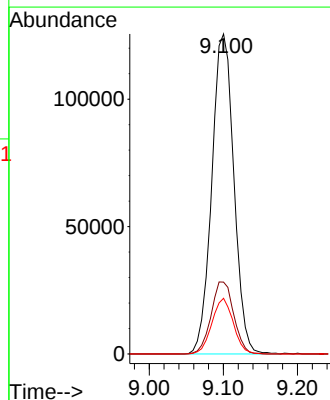
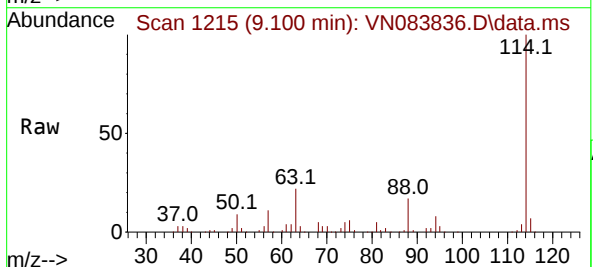
Tgt Ion:114 Resp: 260041

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

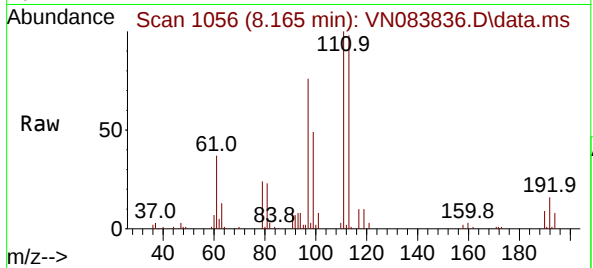
88 17.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.112 ug/l
RT: 8.165 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

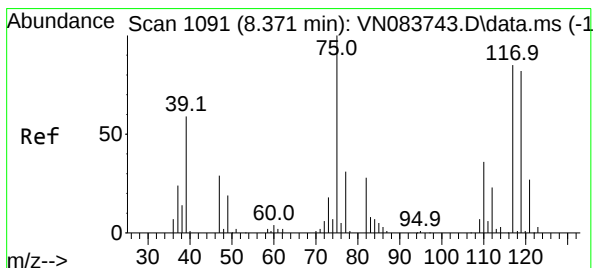
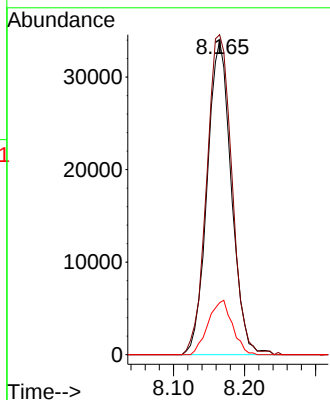
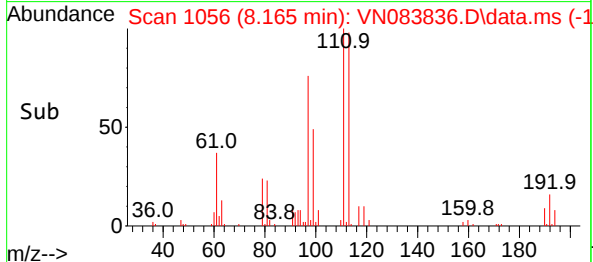
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



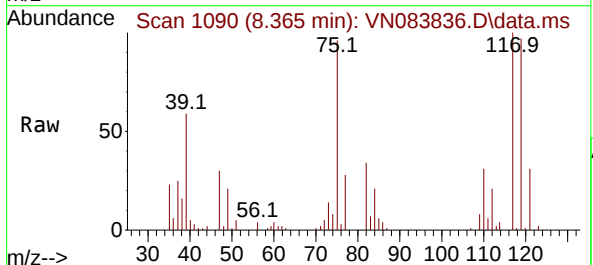
Tgt Ion: 113 Resp: 80094
Ion Ratio Lower Upper
113 100
111 106.5 82.6 124.0
192 17.4 14.3 21.5

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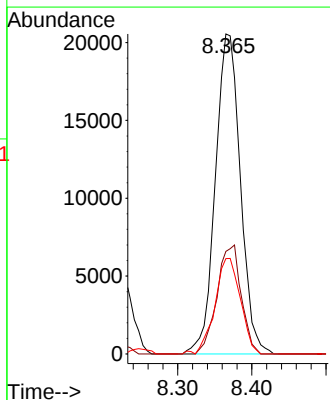
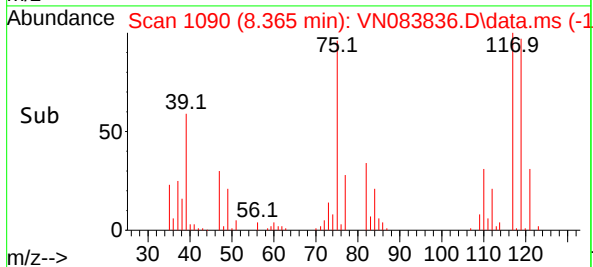
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

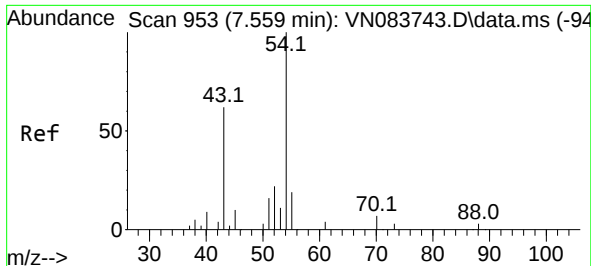


#36
1,1-Dichloropropene
Concen: 19.237 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05



Tgt Ion: 75 Resp: 48203
Ion Ratio Lower Upper
75 100
110 32.9 16.7 50.1
77 30.3 25.2 37.8





#37

Ethyl Acetate

Concen: 22.412 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD02

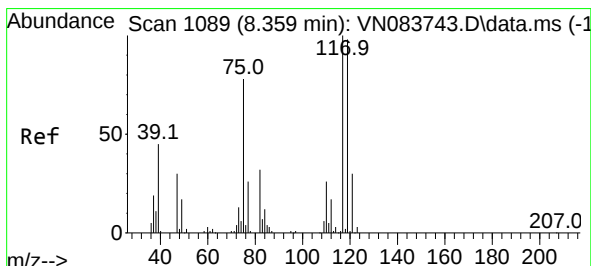
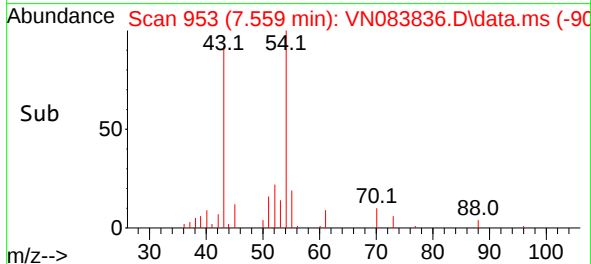
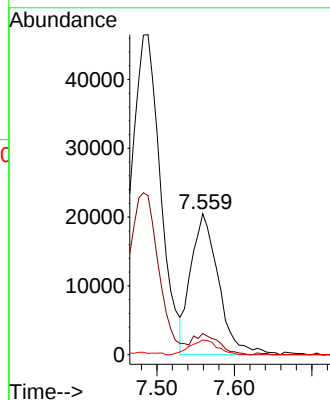
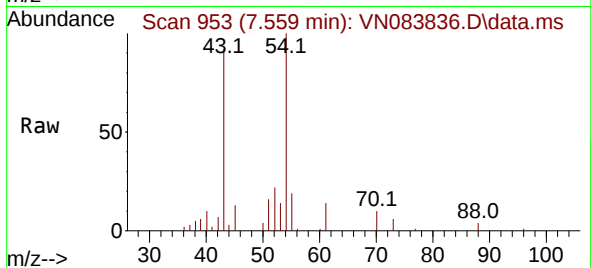
Tgt Ion: 43	Resp: 5097
Ion Ratio	Lower Upper
43 100	
61 13.2	11.1 16.7
70 10.2	8.8 13.2

Manual Integrations

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Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#38

Carbon Tetrachloride

Concen: 19.897 ug/l

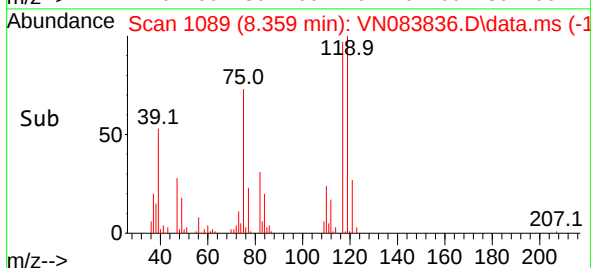
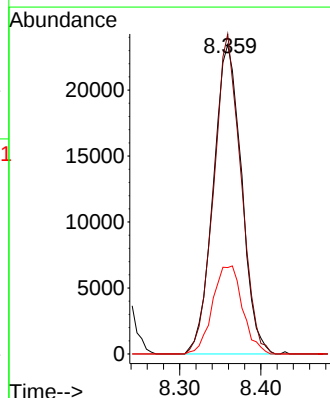
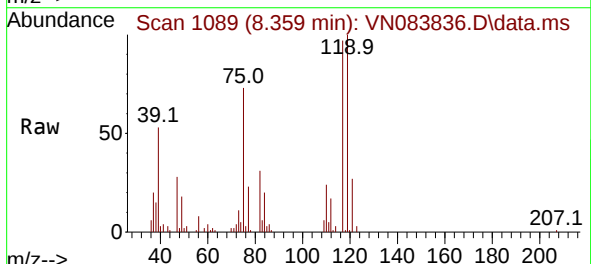
RT: 8.359 min Scan# 1089

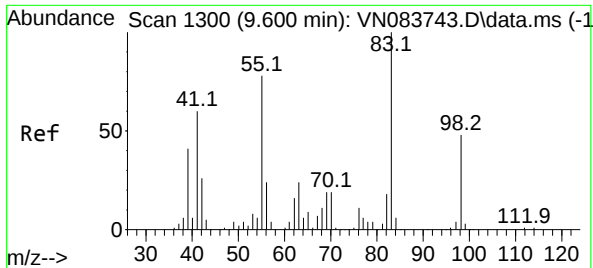
Delta R.T. 0.000 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

Tgt Ion:117	Resp: 56561
Ion Ratio	Lower Upper
117 100	
119 103.5	76.1 114.1
121 27.9	24.1 36.1





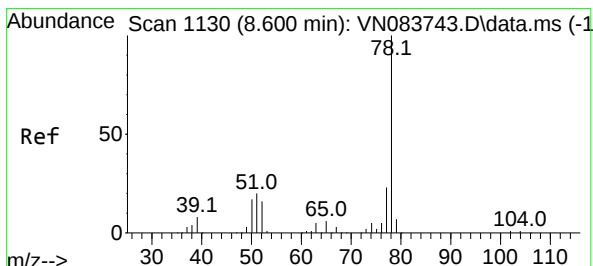
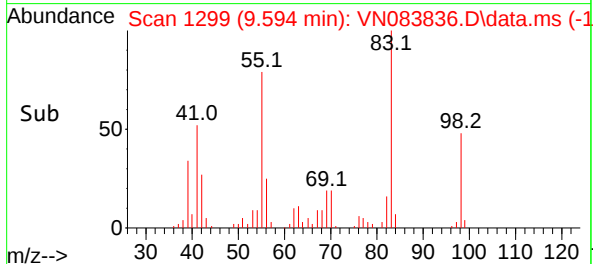
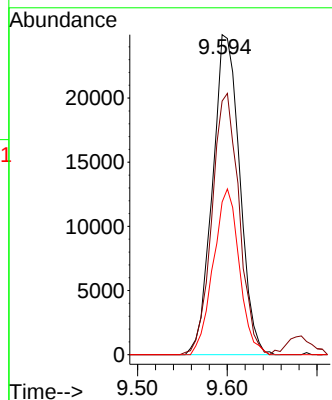
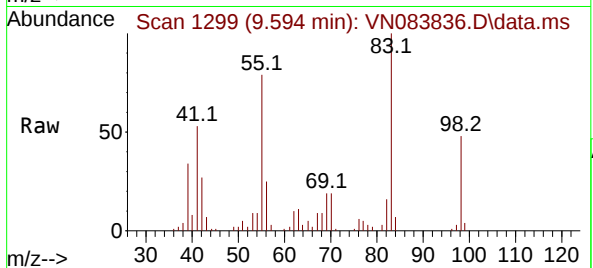
#39
Methylcyclohexane
Concen: 18.407 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion: 83 Resp: 52498
Ion Ratio Lower Upper
83 100
55 79.2 62.2 93.4
98 47.7 37.6 56.4

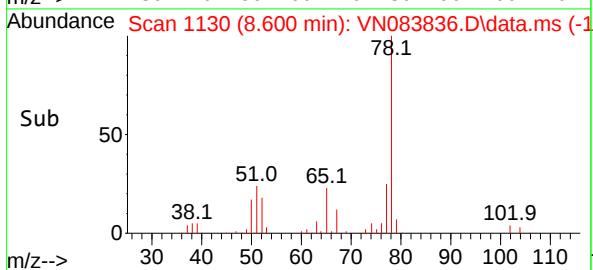
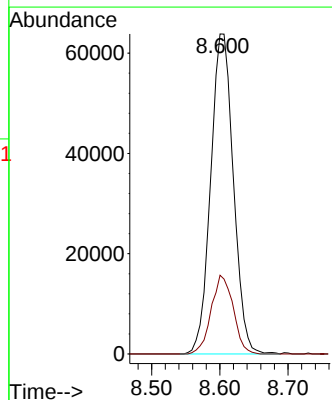
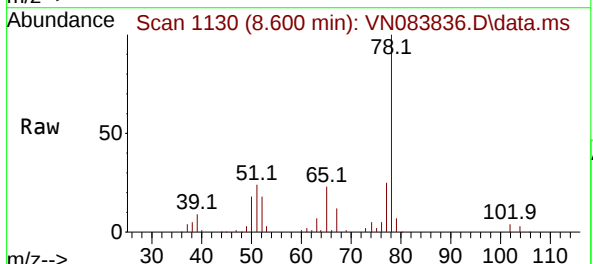
Manual Integrations
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Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#40
Benzene
Concen: 19.647 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

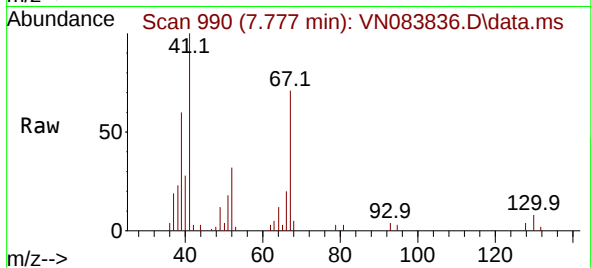
Tgt Ion: 78 Resp: 148173
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6





#41
Methacrylonitrile
Concen: 21.012 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

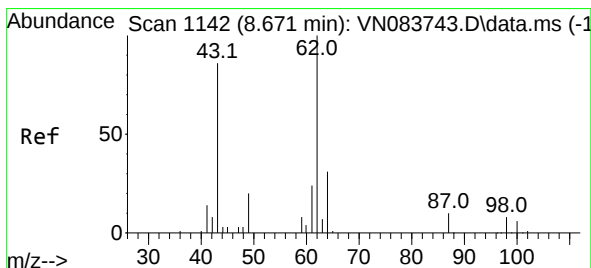
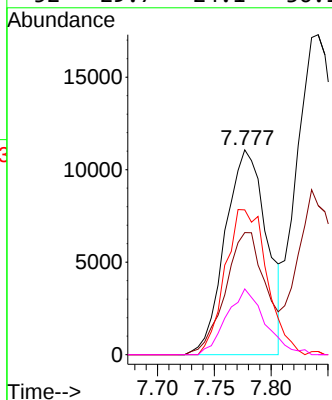
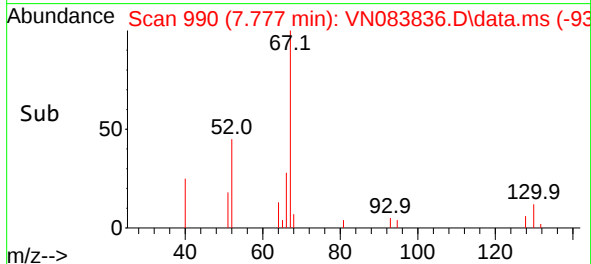
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



Tgt Ion:	41	Resp:	2826
Ion Ratio	100	Lower	Upper
39	57.6	45.4	68.2
67	70.7	55.9	83.9
52	29.7	24.1	36.1

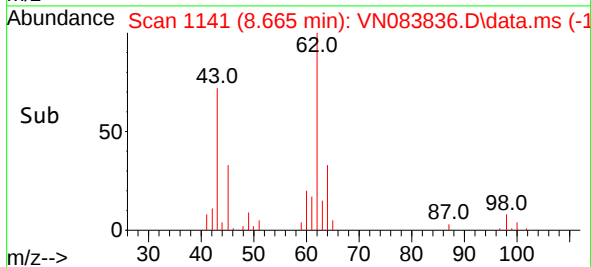
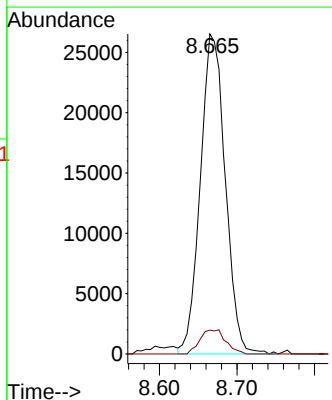
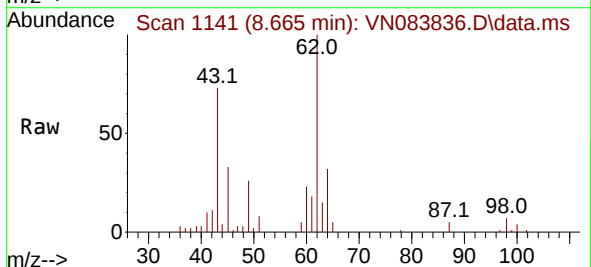
Manual Integrations
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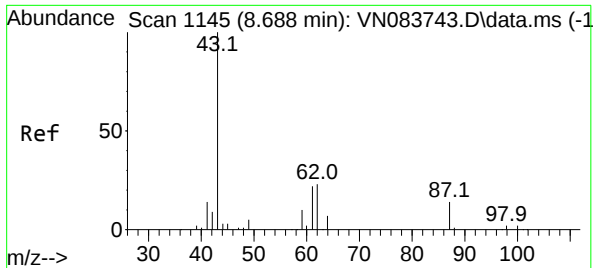
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#42
1,2-Dichloroethane
Concen: 21.031 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Tgt Ion:	62	Resp:	59269
Ion Ratio	100	Lower	Upper
98	7.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 37.249 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD02

Tgt Ion: 43 Resp: 15352

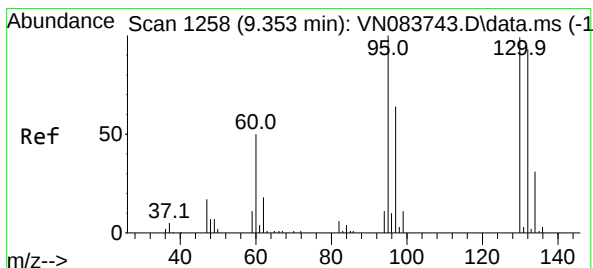
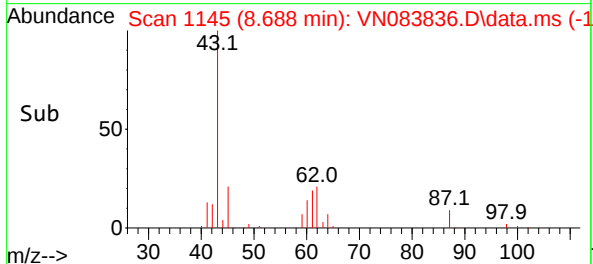
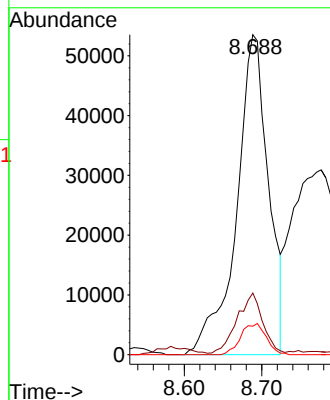
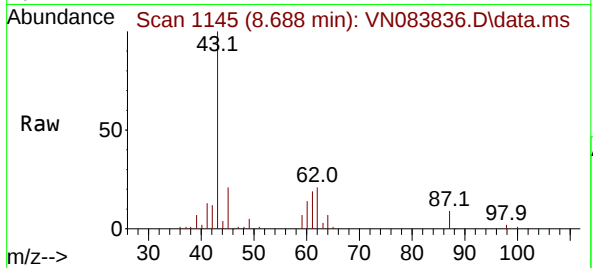
Ion	Ratio	Lower	Upper
43	100		
61	15.1	19.4	29.0
87	7.8	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#44

Trichloroethene

Concen: 19.069 ug/l

RT: 9.353 min Scan# 1258

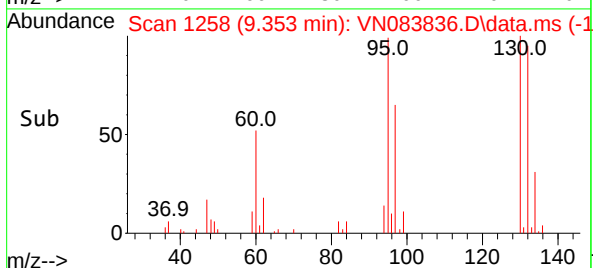
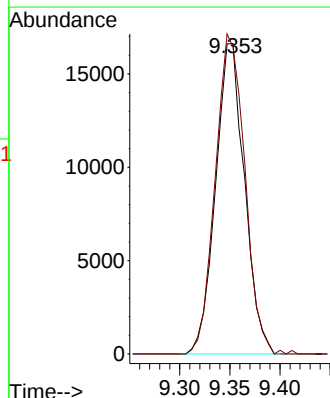
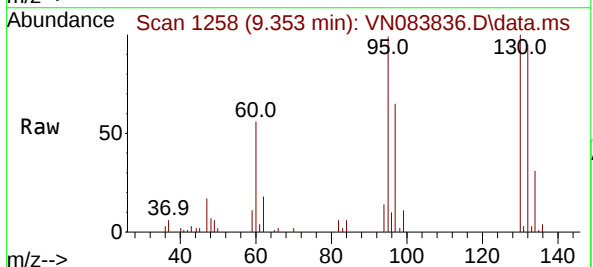
Delta R.T. 0.000 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

Tgt Ion:130 Resp: 33303

Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	200.4





#45

1,2-Dichloropropane

Concen: 20.451 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD02

Tgt Ion: 63 Resp: 37279

Ion Ratio Lower Upper

63 100

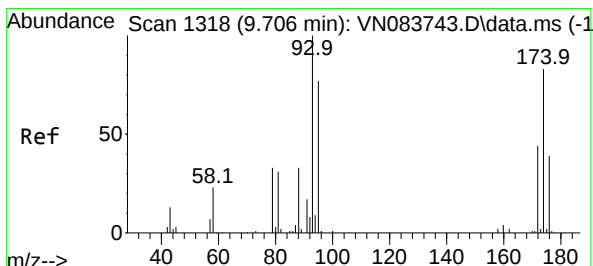
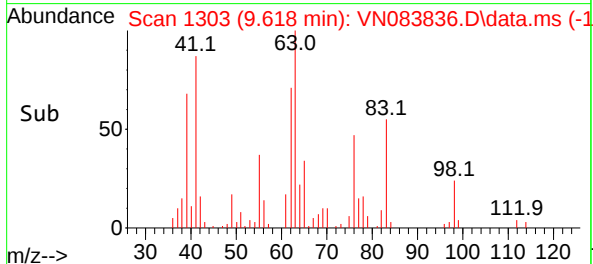
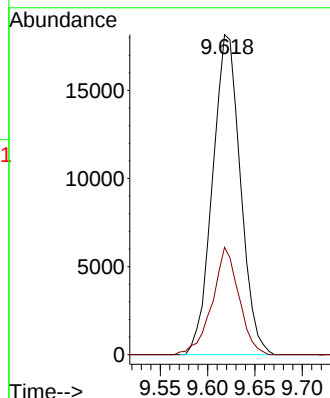
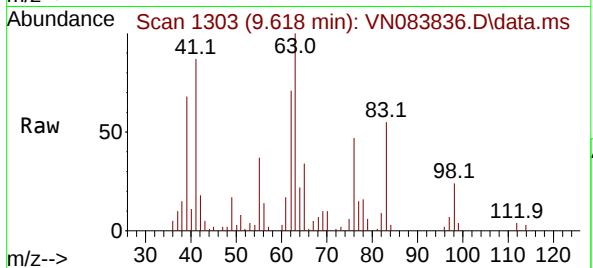
65 33.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#46

Dibromomethane

Concen: 20.182 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

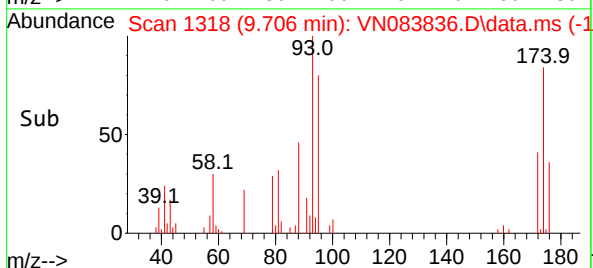
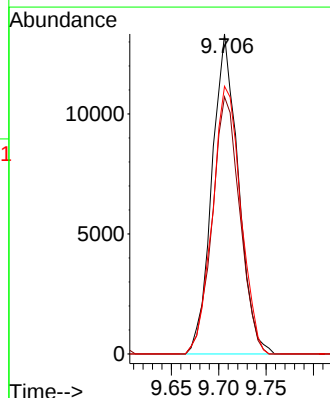
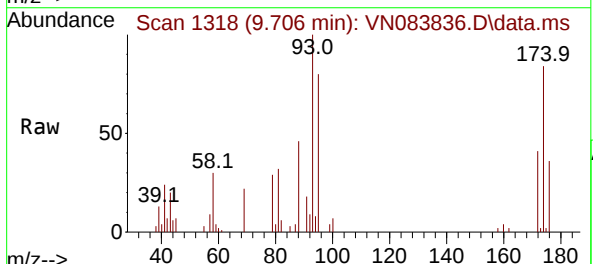
Tgt Ion: 93 Resp: 25767

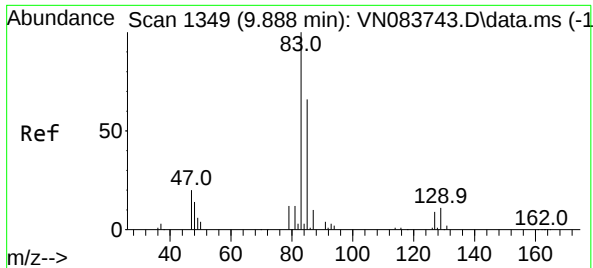
Ion Ratio Lower Upper

93 100

95 84.0 65.3 97.9

174 89.8 71.0 106.4





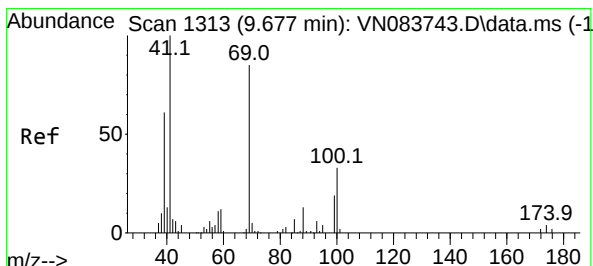
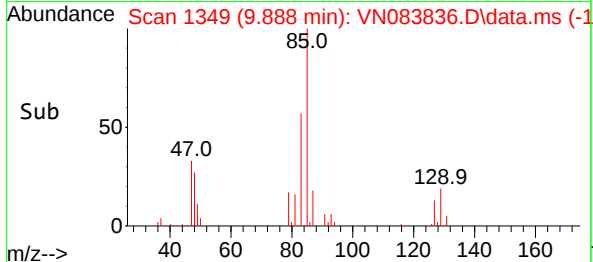
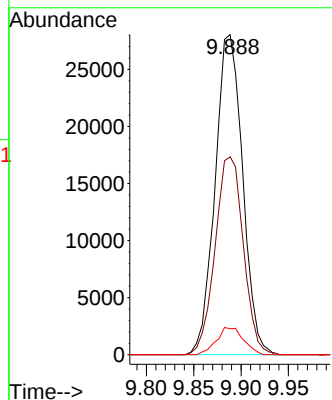
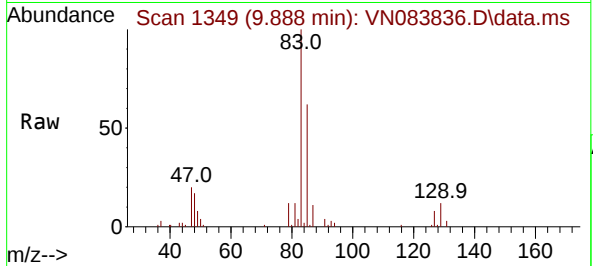
#47
Bromodichloromethane
Concen: 20.530 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion: 83 Resp: 5672
Ion Ratio Lower Upper
83 100
85 61.8 51.8 77.8
127 8.1 6.6 9.8

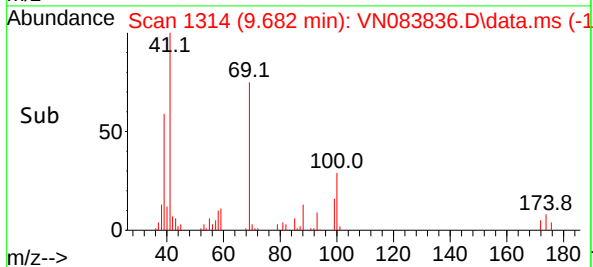
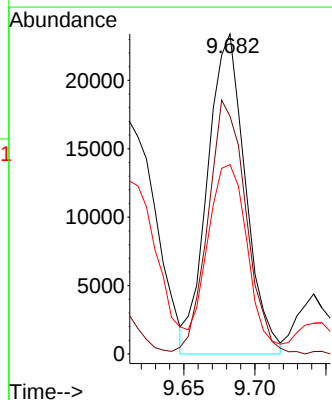
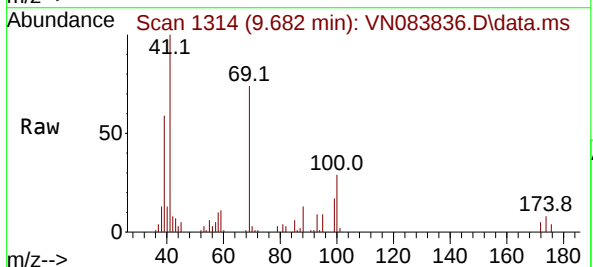
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#48
Methyl methacrylate
Concen: 22.175 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Tgt Ion: 41 Resp: 43361
Ion Ratio Lower Upper
41 100
69 79.8 64.3 96.5
39 62.3 48.9 73.3





#49

1,4-Dioxane

Concen: 442.738 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD02

Tgt Ion: 88 Resp: 1424

Ion Ratio Lower Upper

88 100

43 27.7 0.0 0.0

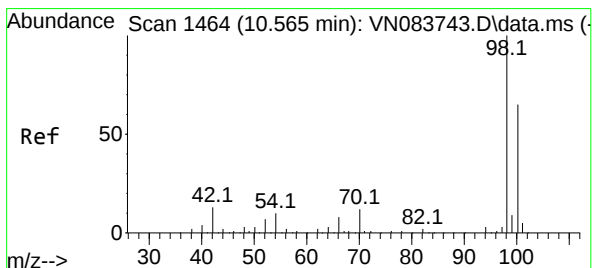
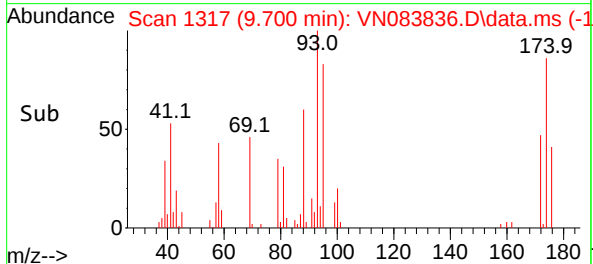
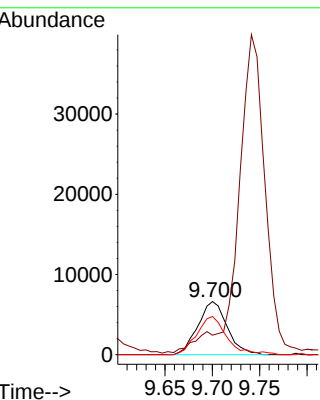
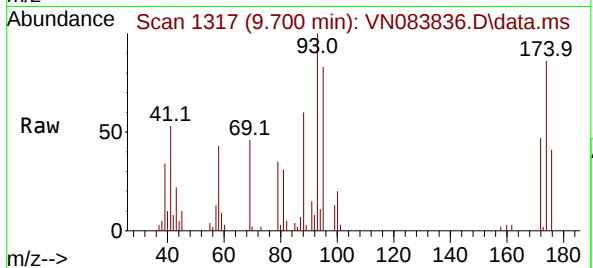
58 73.7 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#50

Toluene-d8

Concen: 50.946 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083836.D

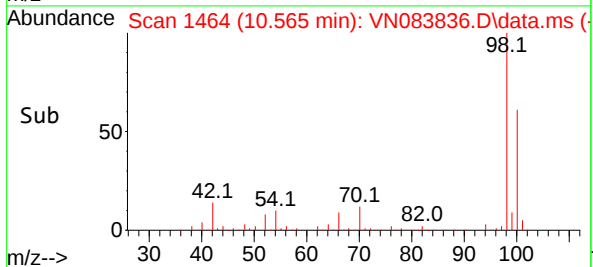
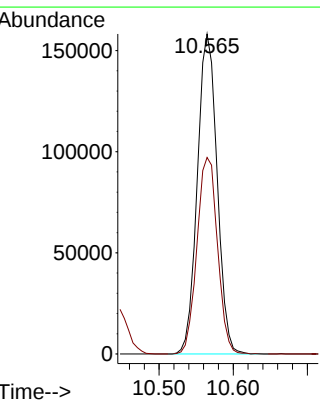
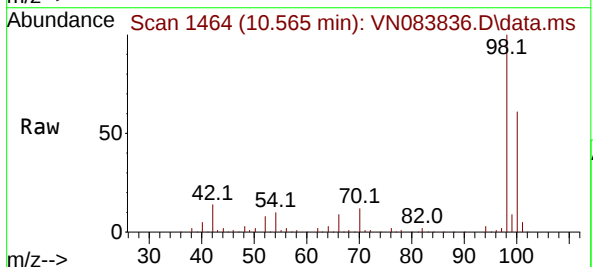
Acq: 12 Sep 2024 17:05

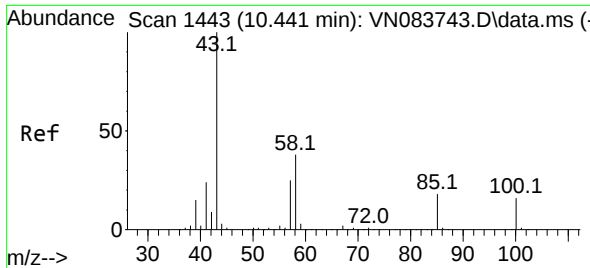
Tgt Ion: 98 Resp: 293199

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0





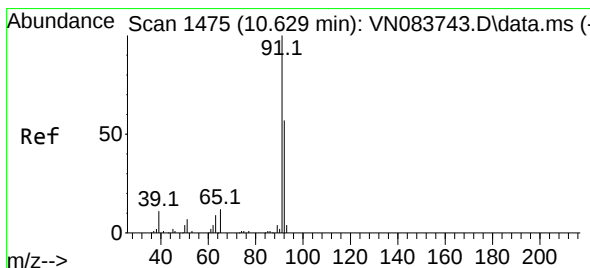
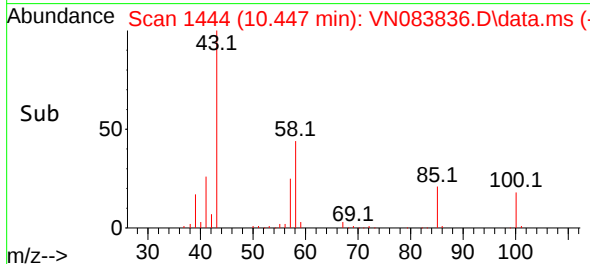
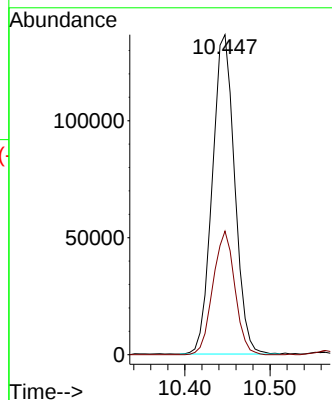
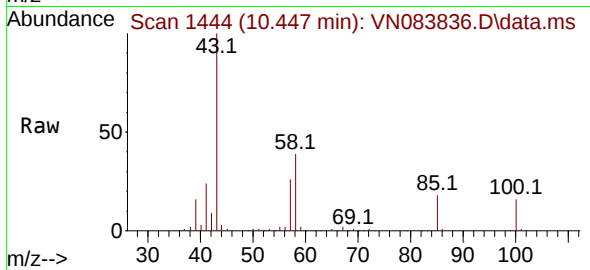
#51
4-Methyl-2-Pentanone
Concen: 110.669 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion: 43 Resp: 248294
Ion Ratio Lower Upper
43 100
58 37.9 31.6 47.4

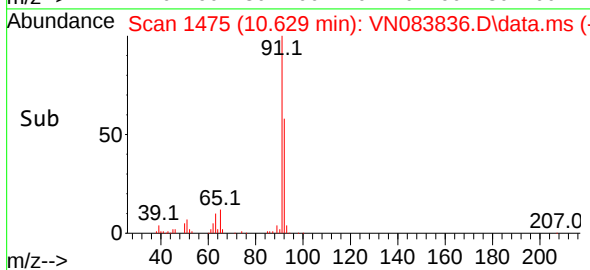
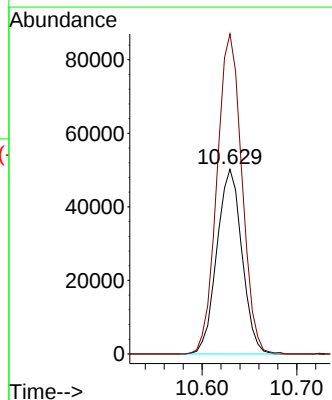
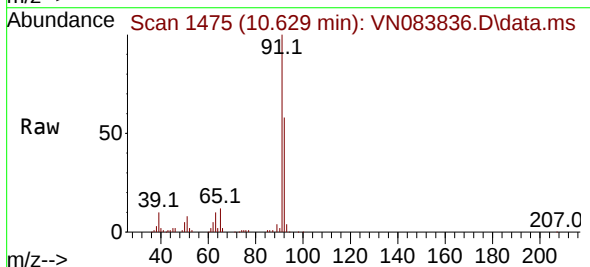
Manual Integrations
APPROVED

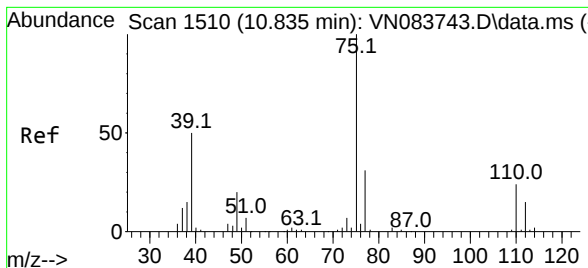
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#52
Toluene
Concen: 20.051 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

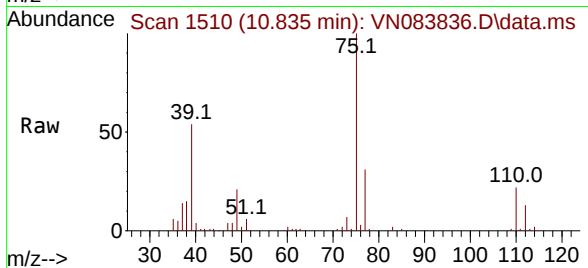
Tgt Ion: 92 Resp: 92499
Ion Ratio Lower Upper
92 100
91 172.4 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 20.330 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

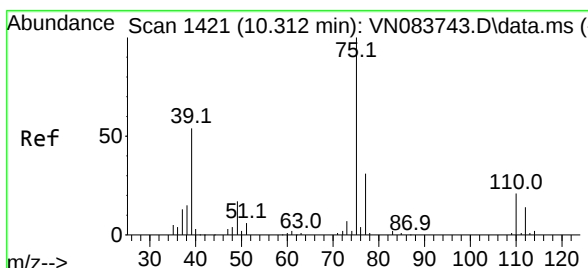
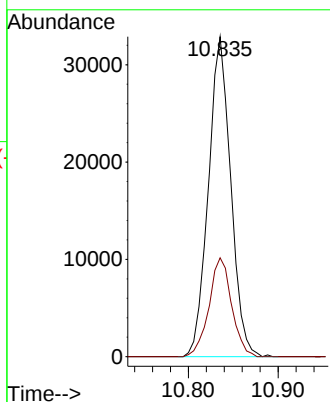
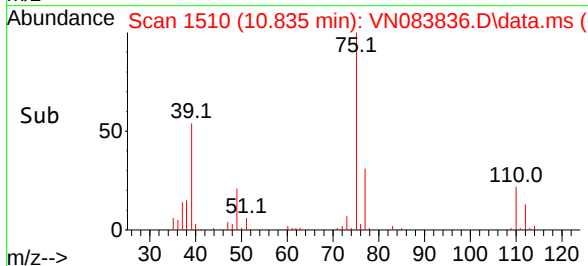
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



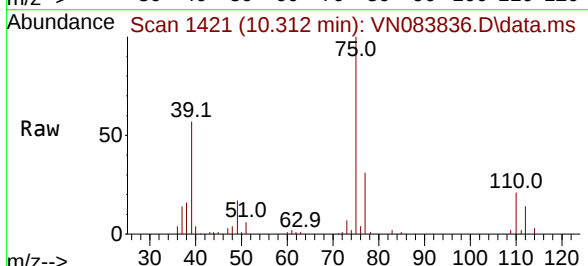
Tgt Ion: 75 Resp: 5694
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6

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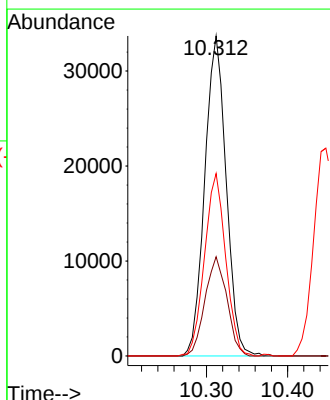
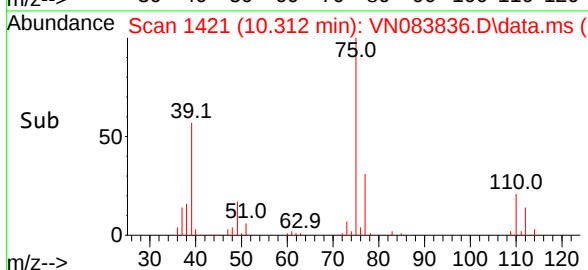
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

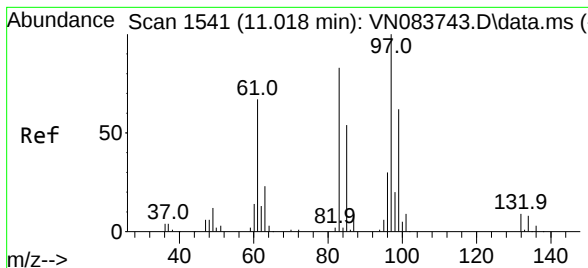


#54
cis-1,3-Dichloropropene
Concen: 20.971 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05



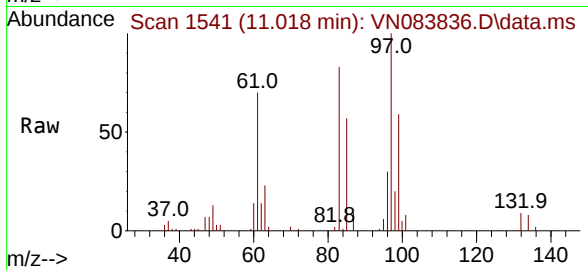
Tgt Ion: 75 Resp: 61698
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6
39 57.0 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 20.219 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

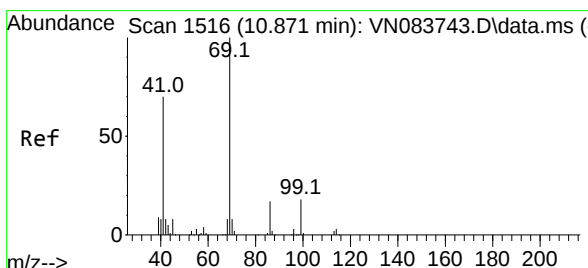
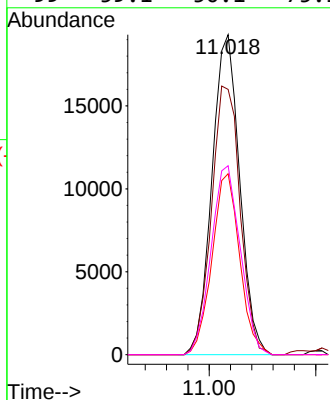
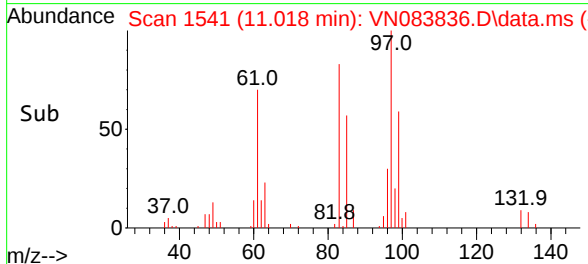
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



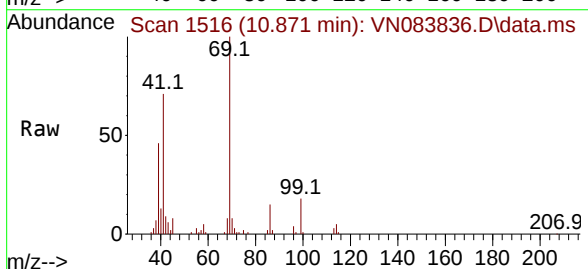
Tgt Ion: 97	Resp: 3482
Ion Ratio	Lower Upper
97 100	
83 82.9	67.5 101.3
85 56.5	44.2 66.2
99 59.1	50.1 75.1

Manual Integrations
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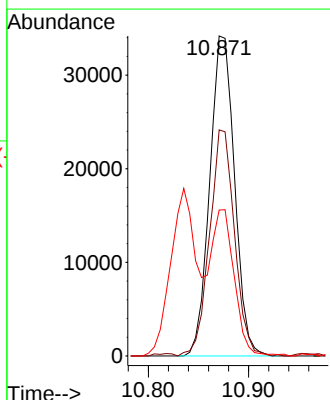
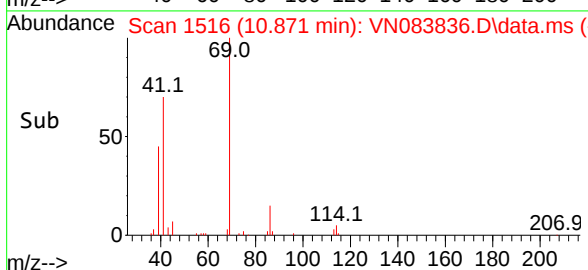
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#56
Ethyl methacrylate
Concen: 22.132 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05



Tgt Ion: 69	Resp: 58644
Ion Ratio	Lower Upper
69 100	
41 71.1	53.9 80.9
39 44.9	32.6 48.8





#57

1,3-Dichloropropane

Concen: 20.493 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD02

Tgt Ion: 76 Resp: 6065

Ion Ratio Lower Upper

76 100

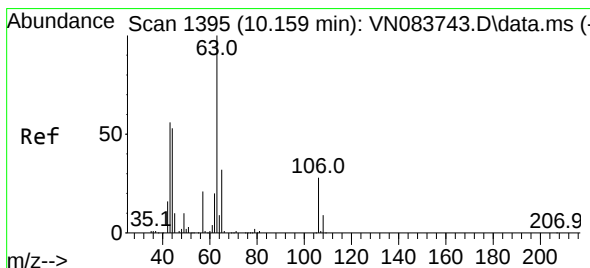
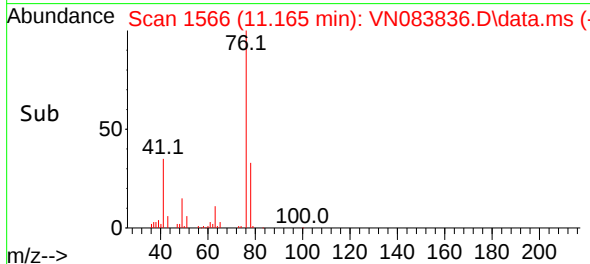
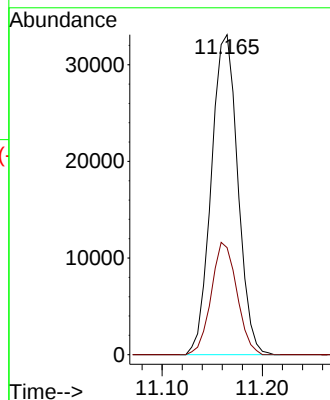
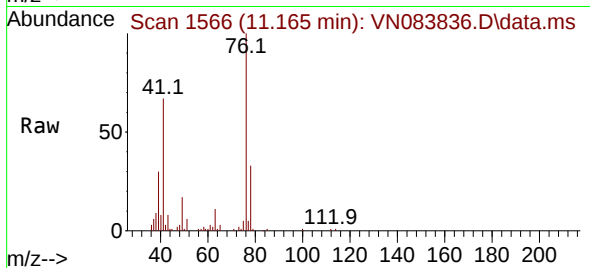
78 34.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#58

2-Chloroethyl Vinyl ether

Concen: 121.519 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083836.D

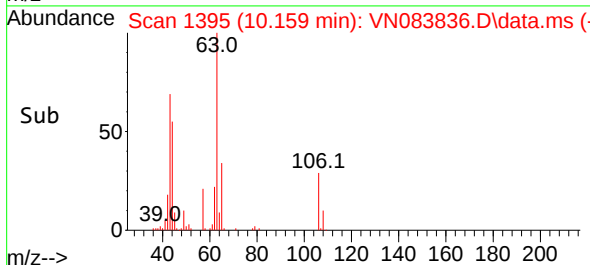
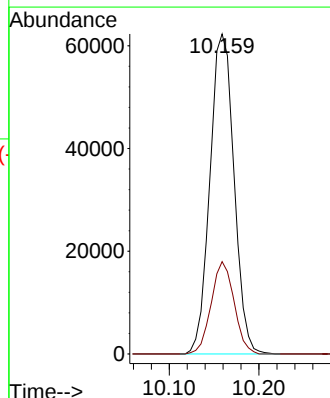
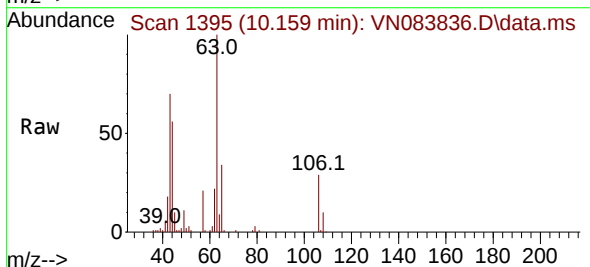
Acq: 12 Sep 2024 17:05

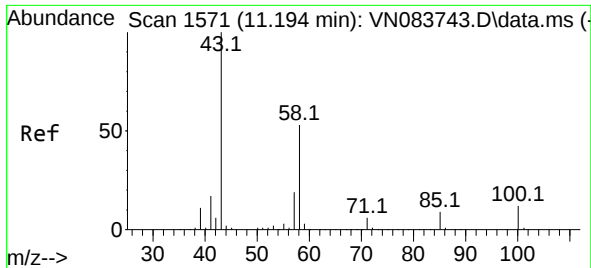
Tgt Ion: 63 Resp: 116019

Ion Ratio Lower Upper

63 100

106 27.5 23.3 34.9





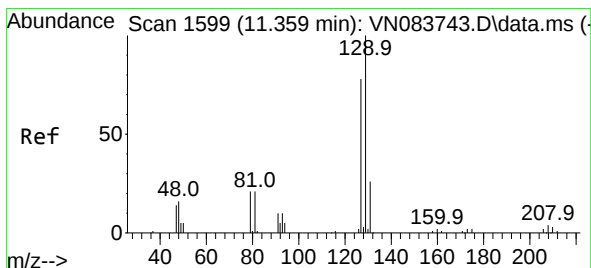
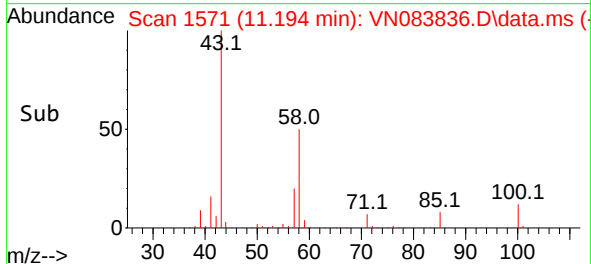
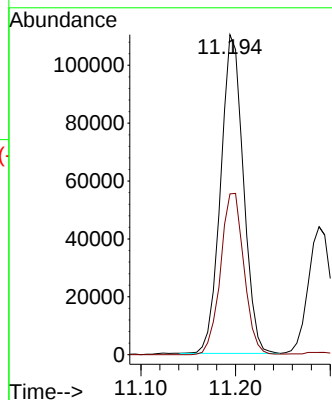
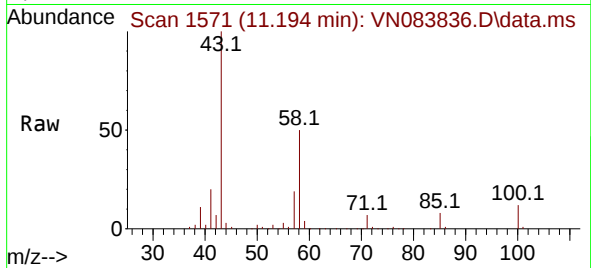
#59
2-Hexanone
Concen: 110.658 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion: 43 Resp: 183650
Ion Ratio Lower Upper
43 100
58 52.3 27.2 81.5

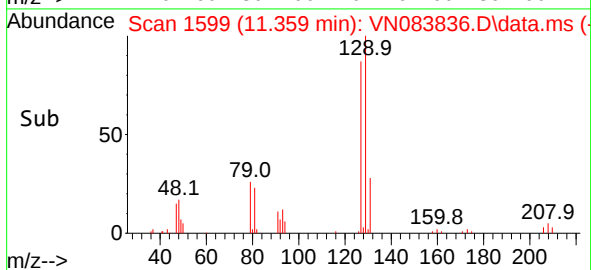
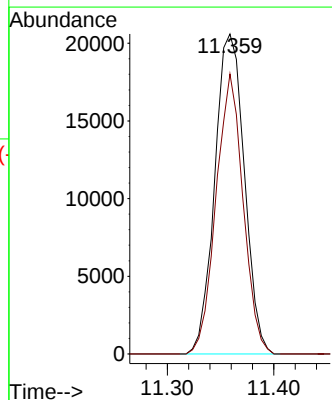
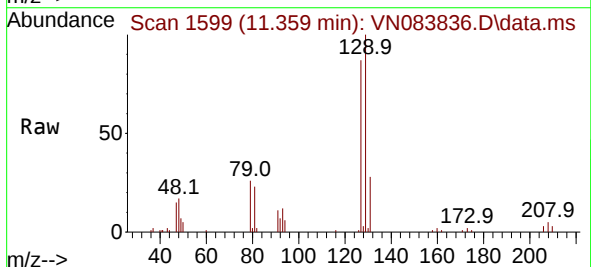
Manual Integrations
APPROVED

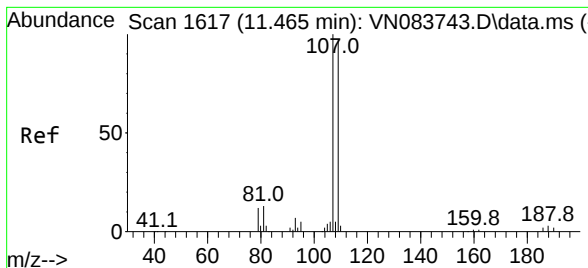
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#60
Dibromochloromethane
Concen: 20.612 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Tgt Ion:129 Resp: 39727
Ion Ratio Lower Upper
129 100
127 80.0 39.0 116.9





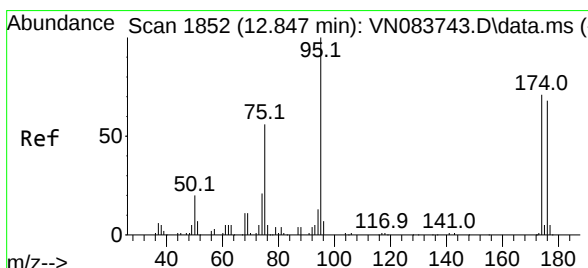
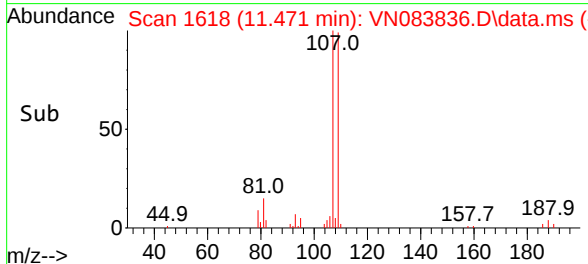
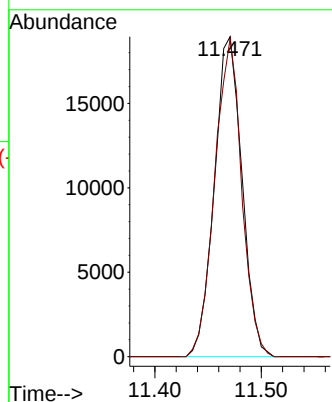
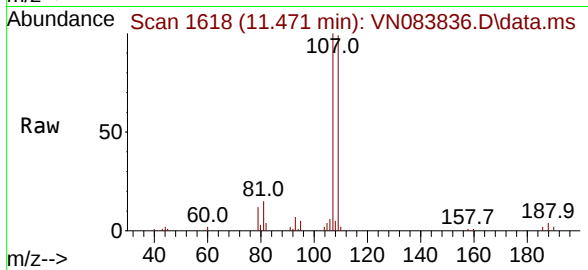
#61
1,2-Dibromoethane
Concen: 19.863 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion:107 Resp: 34110
Ion Ratio Lower Upper
107 100
109 97.2 75.6 113.4

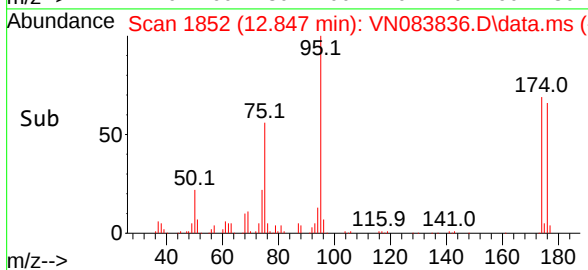
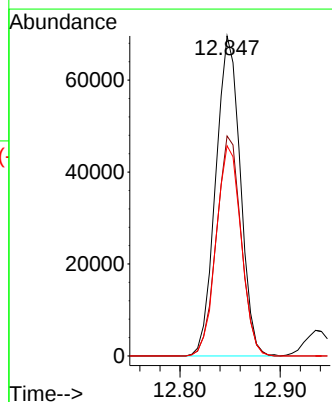
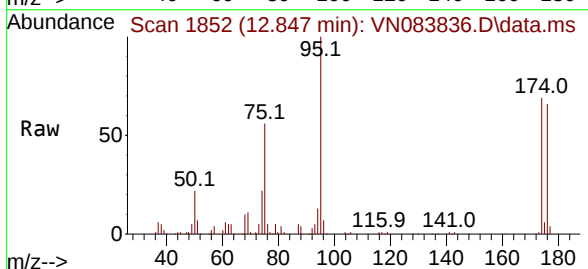
Manual Integrations
APPROVED

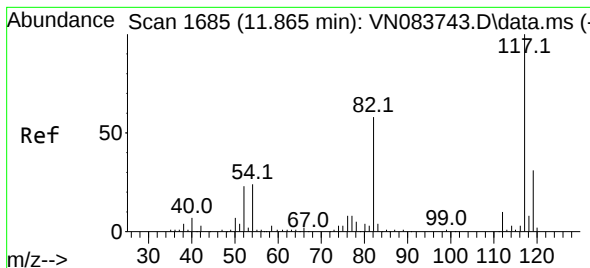
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#62
4-Bromofluorobenzene
Concen: 49.877 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

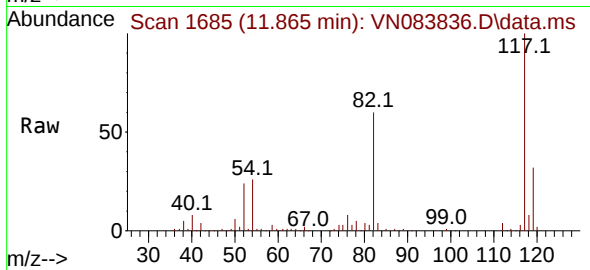
Tgt Ion: 95 Resp: 118430
Ion Ratio Lower Upper
95 100
174 68.9 0.0 139.8
176 67.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

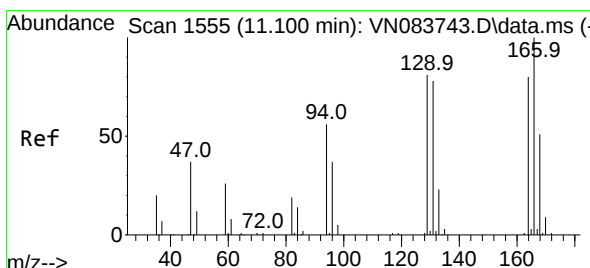
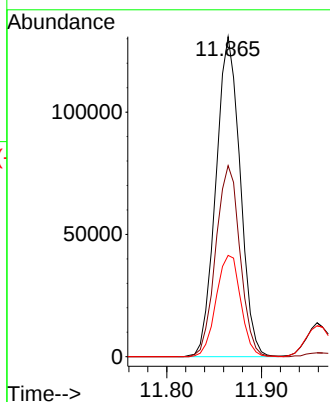
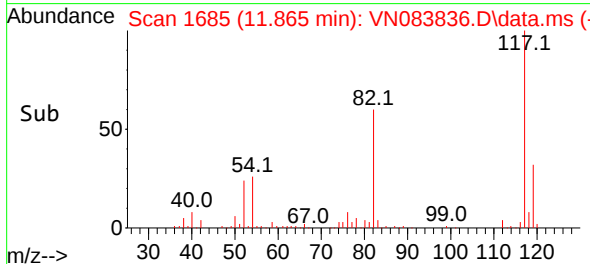
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



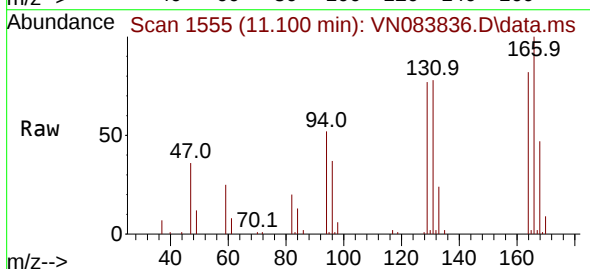
Tgt Ion:117 Resp: 233189
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.0
119 31.7 26.3 39.5

Manual Integrations
APPROVED

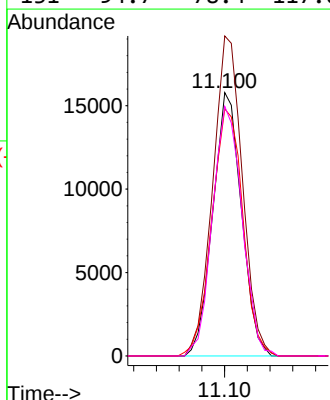
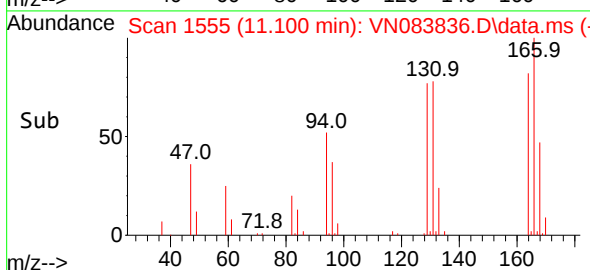
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

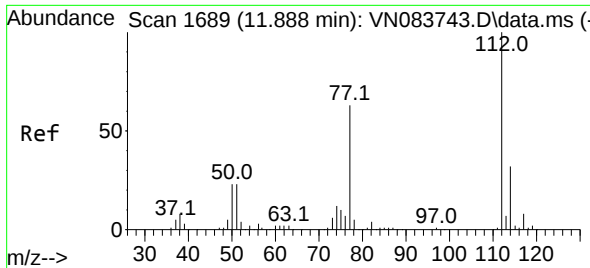


#64
Tetrachloroethene
Concen: 17.782 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05



Tgt Ion:164 Resp: 27575
Ion Ratio Lower Upper
164 100
166 121.5 103.7 155.5
129 93.8 79.9 119.9
131 94.7 78.4 117.6





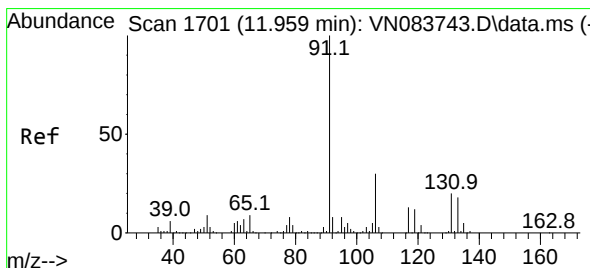
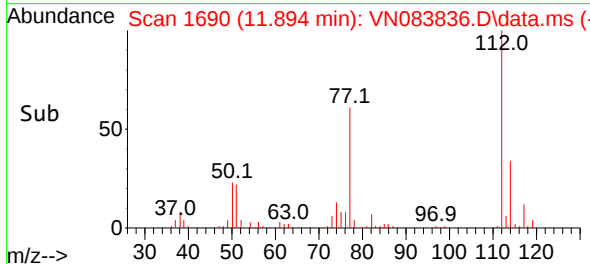
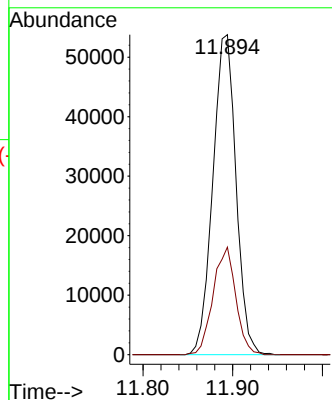
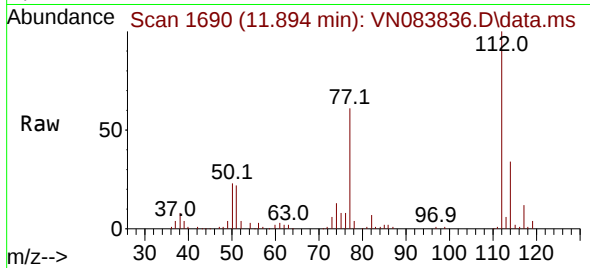
#65
Chlorobenzene
Concen: 18.624 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion:112 Resp: 9652
Ion Ratio Lower Upper
112 100
114 33.6 25.7 38.5

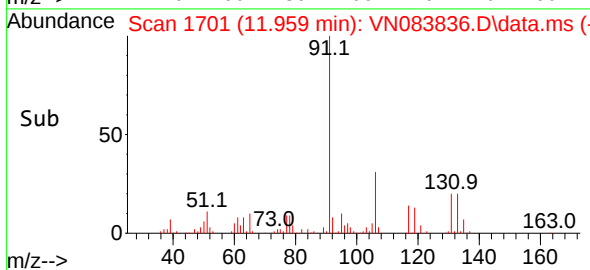
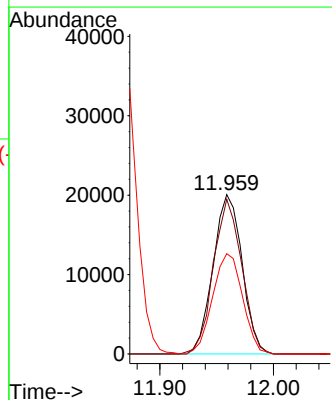
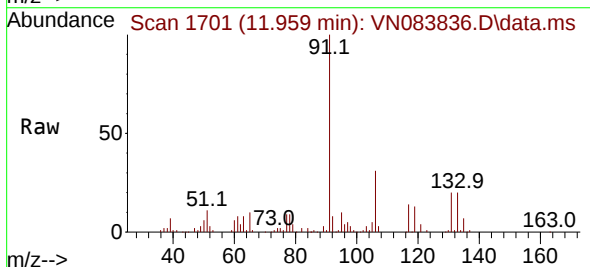
Manual Integrations
APPROVED

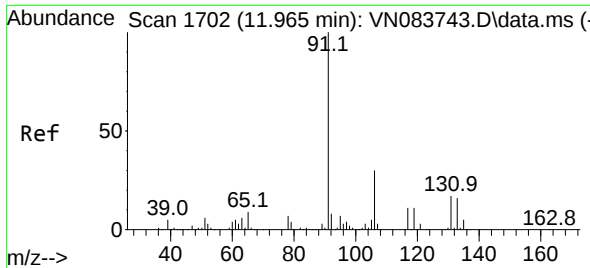
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.802 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

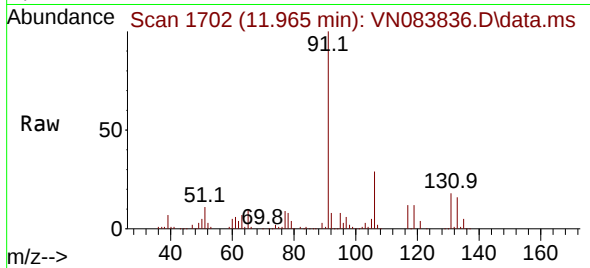
Tgt Ion:131 Resp: 35578
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 65.0 31.6 94.8





#67
Ethyl Benzene
Concen: 19.212 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

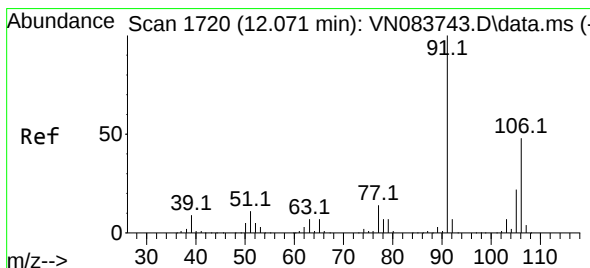
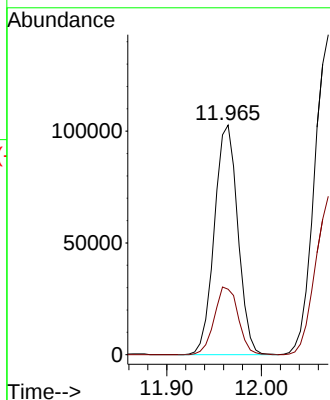
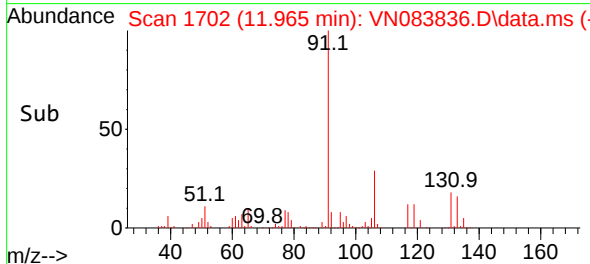
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



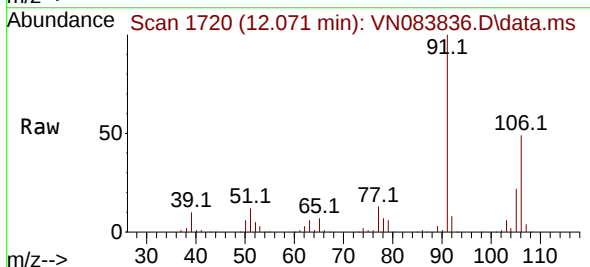
Tgt Ion: 91 Resp: 17688
Ion Ratio Lower Upper
91 100
106 28.5 24.3 36.5

Manual Integrations
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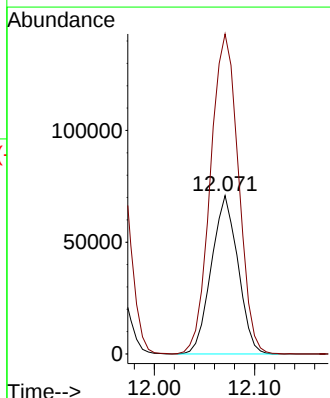
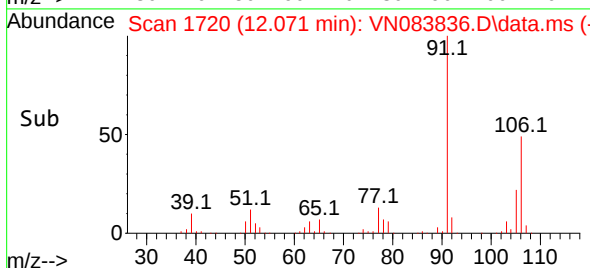
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#68
m/p-Xylenes
Concen: 38.228 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05



Tgt Ion:106 Resp: 130670
Ion Ratio Lower Upper
106 100
91 212.5 169.2 253.8





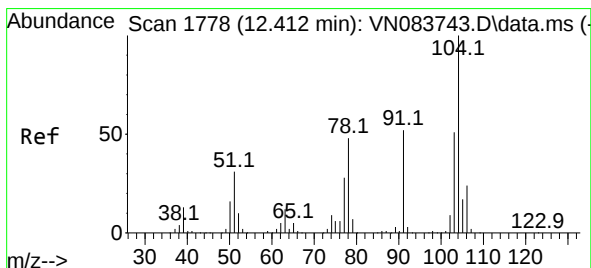
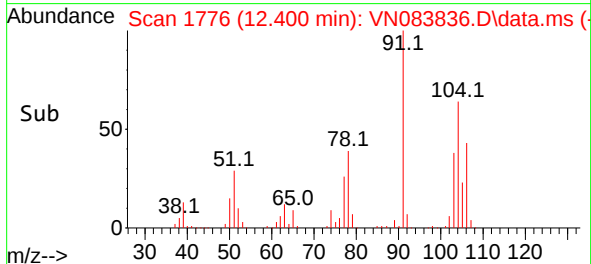
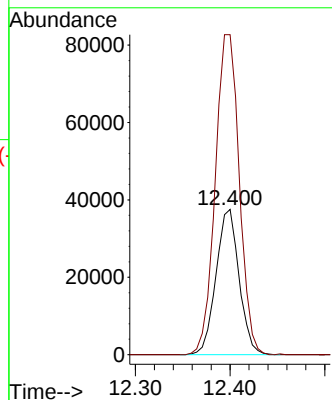
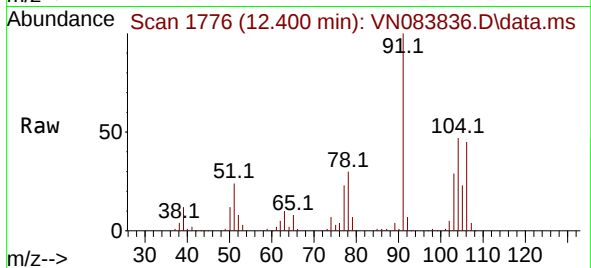
#69
o-Xylene
Concen: 19.184 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion:106 Resp: 63480
Ion Ratio Lower Upper
106 100
91 229.6 112.9 338.6

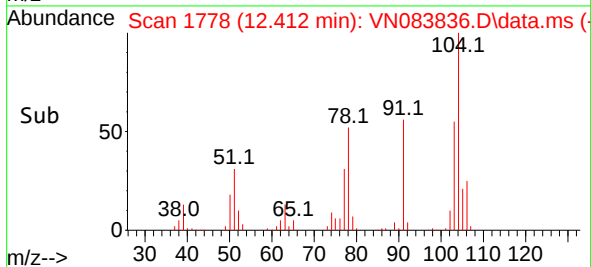
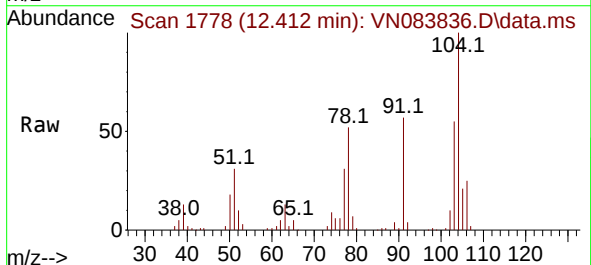
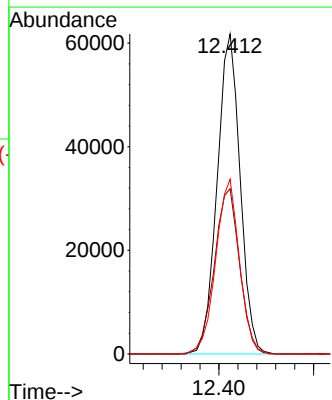
Manual Integrations
APPROVED

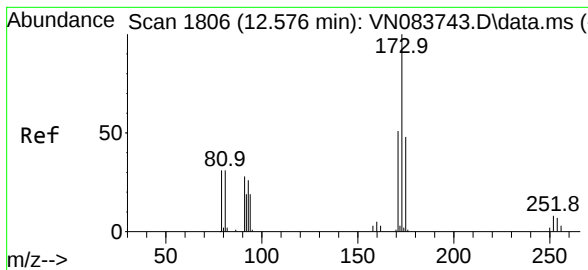
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#70
Styrene
Concen: 19.177 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

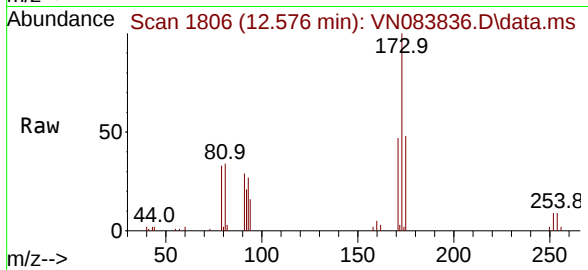
Tgt Ion:104 Resp: 104143
Ion Ratio Lower Upper
104 100
78 56.6 43.3 64.9
103 56.2 43.4 65.2





#71
Bromoform
Concen: 20.101 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

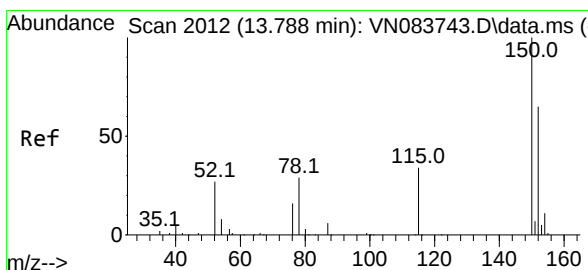
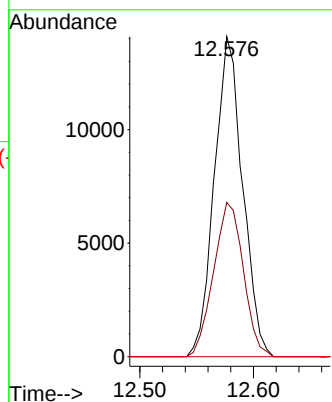
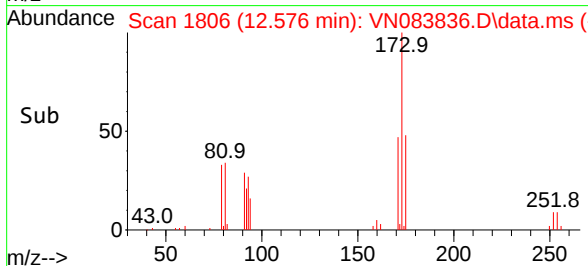
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



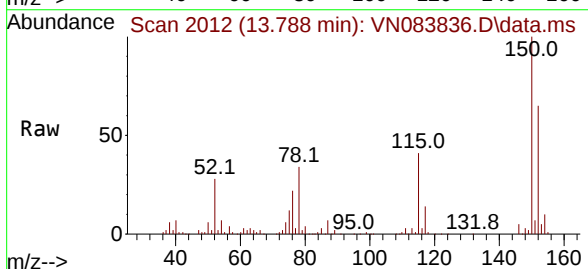
Tgt Ion:173 Resp: 2433
Ion Ratio Lower Upper
173 100
175 50.8 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
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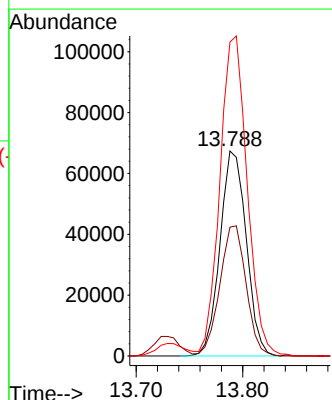
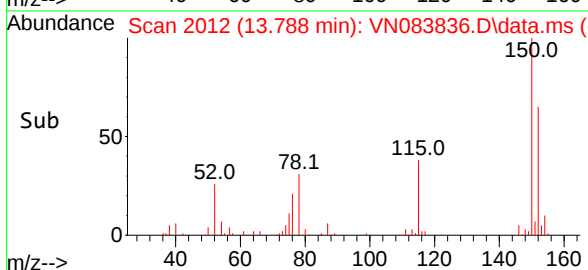
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

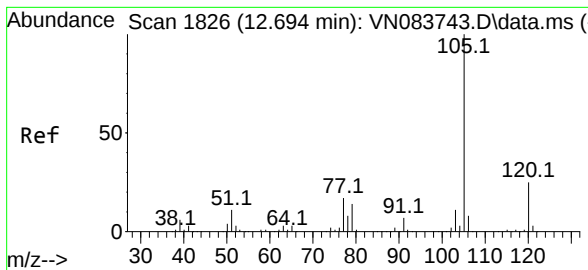


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05



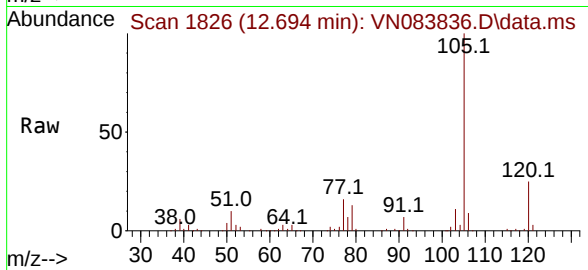
Tgt Ion:152 Resp: 115502
Ion Ratio Lower Upper
152 100
115 63.5 32.2 96.6
150 161.6 0.0 348.6





#73
Isopropylbenzene
Concen: 18.538 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

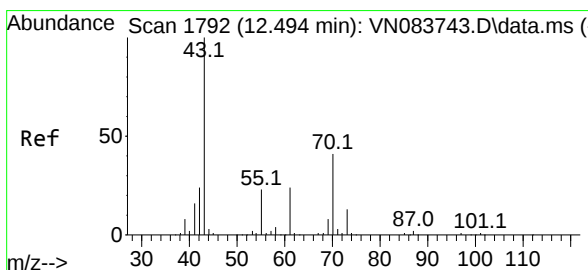
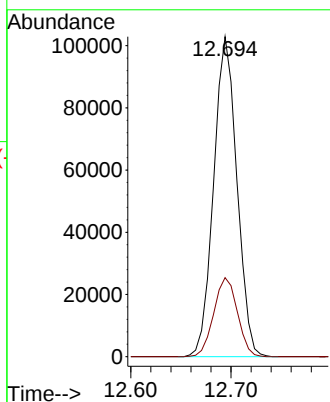
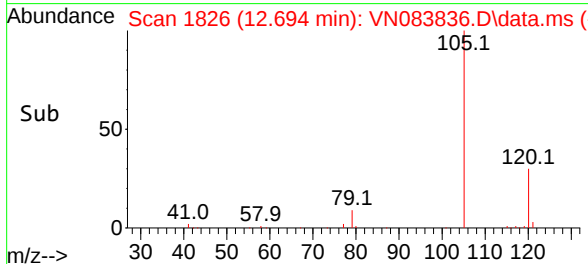
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



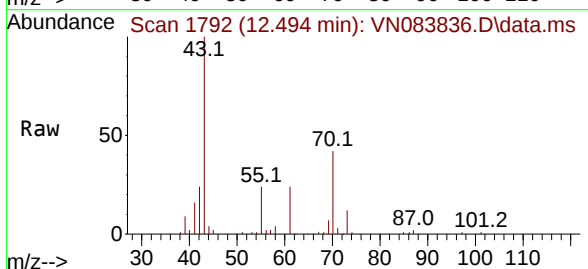
Tgt Ion:105 Resp: 165658
Ion Ratio Lower Upper
105 100
120 25.1 12.6 37.8

Manual Integrations
APPROVED

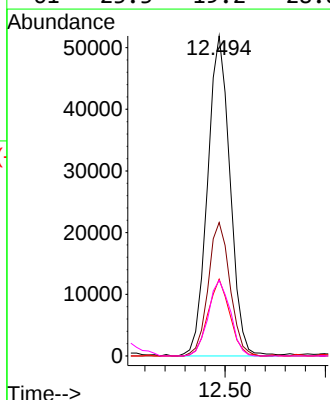
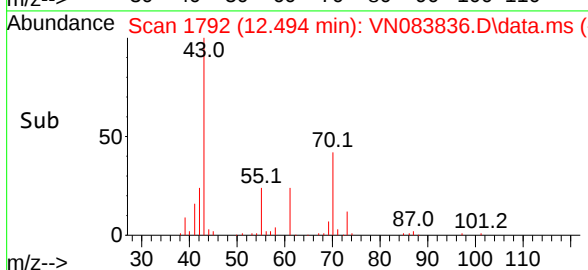
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

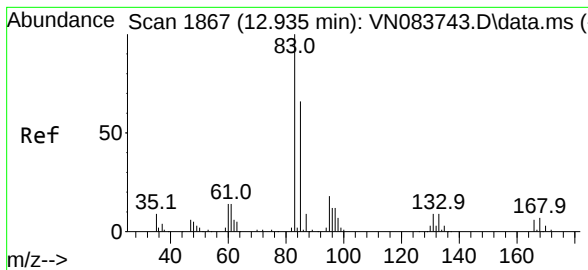


#74
N-ethyl acetate
Concen: 21.249 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05



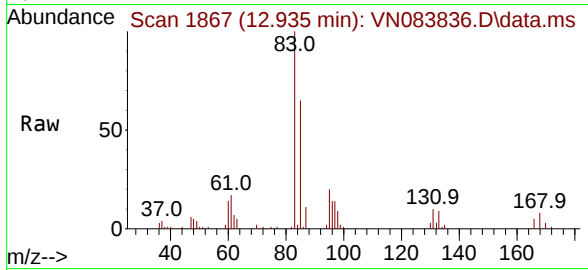
Tgt Ion: 43 Resp: 81014
Ion Ratio Lower Upper
43 100
70 40.4 34.5 51.7
55 23.2 18.6 28.0
61 23.3 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.408 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

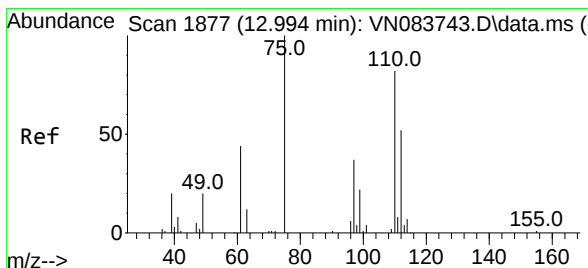
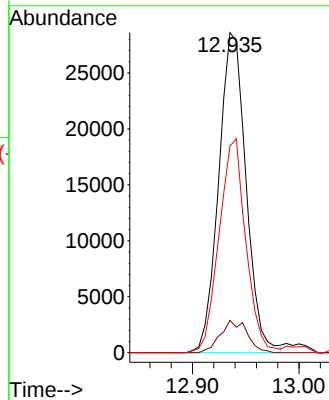
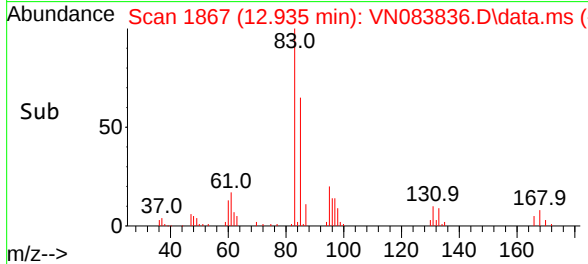
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



Tgt Ion: 83 Resp: 5095
Ion Ratio Lower Upper
83 100
131 9.9 5.2 15.6
85 65.4 31.9 95.9

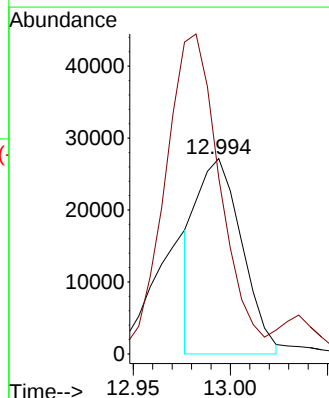
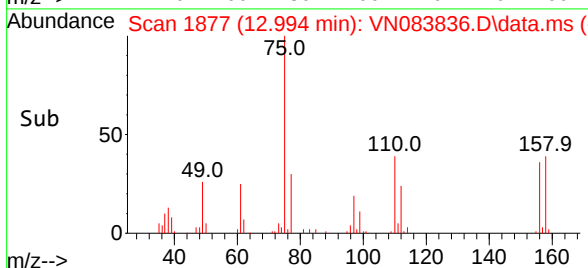
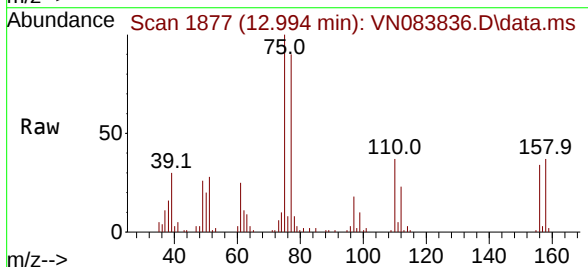
Manual Integrations
APPROVED

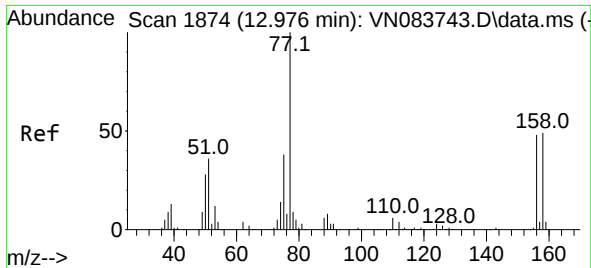
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#76
1,2,3-Trichloropropane
Concen: 19.023 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

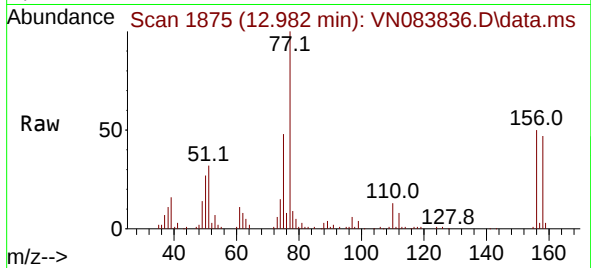
Tgt Ion: 75 Resp: 44336
Ion Ratio Lower Upper
75 100
77 198.0 95.2 285.6





#77
Bromobenzene
Concen: 17.102 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

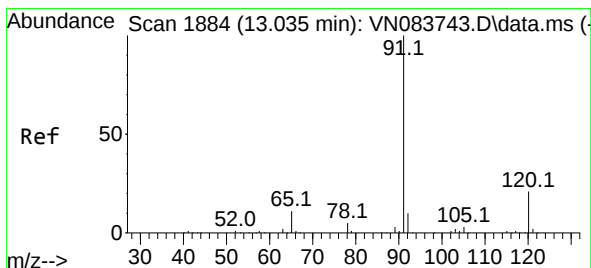
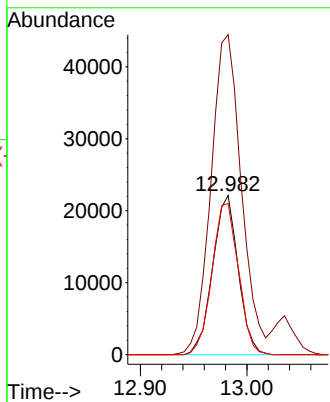
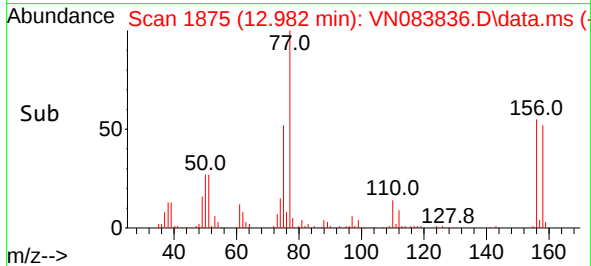
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



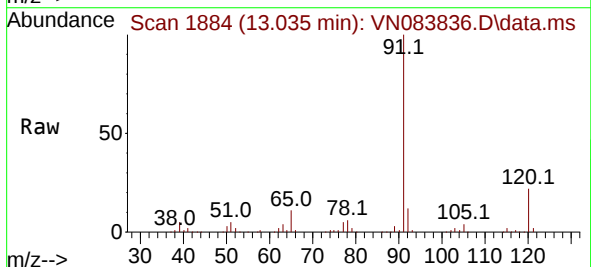
Tgt Ion:156 Resp: 36780
Ion Ratio Lower Upper
156 100
77 238.7 114.3 343.1
158 98.2 48.9 146.7

Manual Integrations
APPROVED

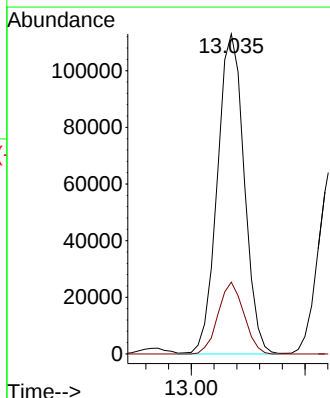
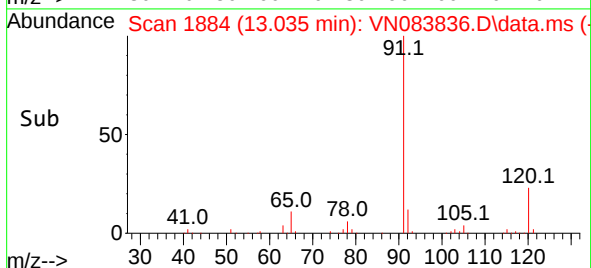
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

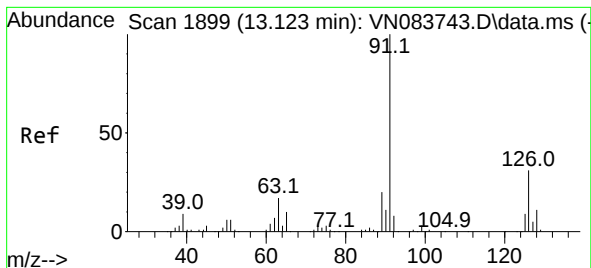


#78
n-propylbenzene
Concen: 17.837 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05



Tgt Ion: 91 Resp: 185448
Ion Ratio Lower Upper
91 100
120 21.4 11.0 33.0





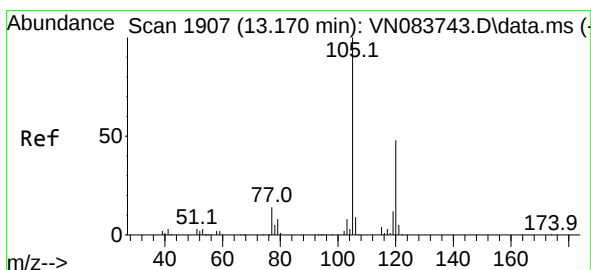
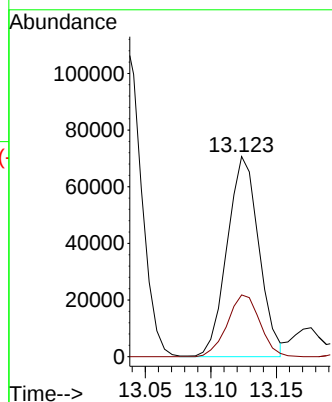
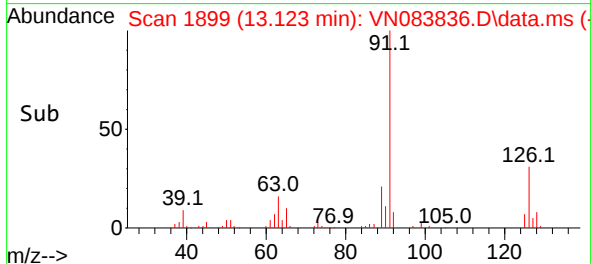
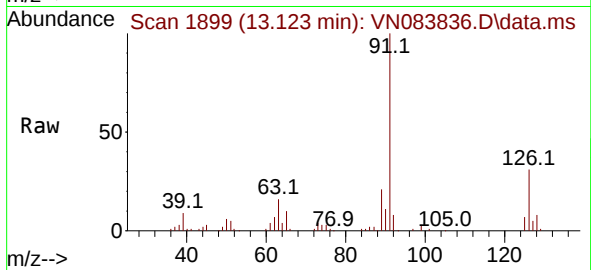
#79
2-Chlorotoluene
Concen: 17.995 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion: 91 Resp: 119320
Ion Ratio Lower Upper
91 100
126 31.6 15.4 46.2

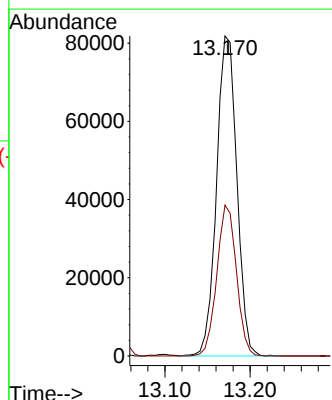
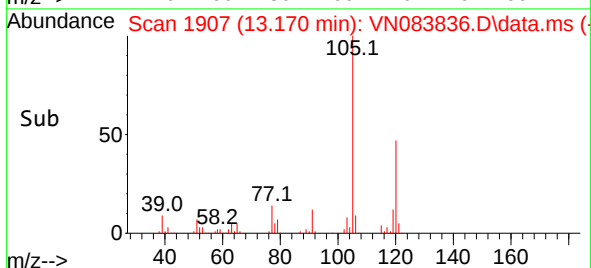
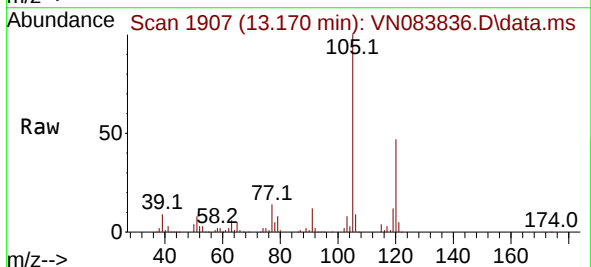
Manual Integrations
APPROVED

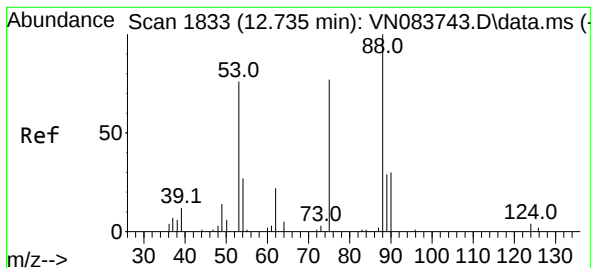
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 17.988 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

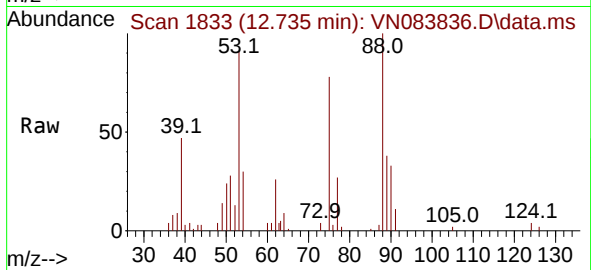
Tgt Ion:105 Resp: 135518
Ion Ratio Lower Upper
105 100
120 45.5 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.310 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

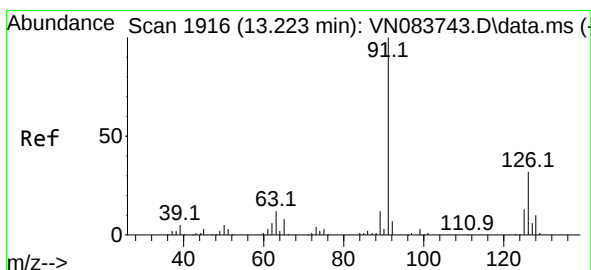
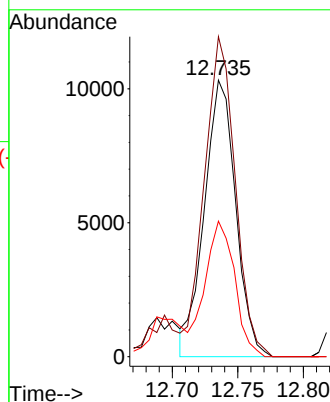
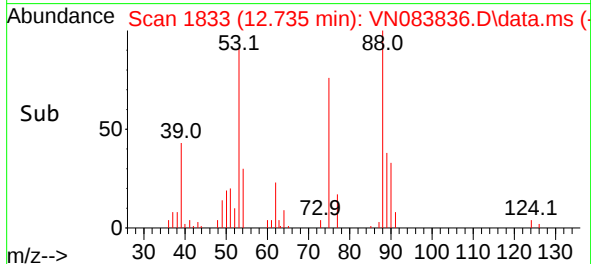
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



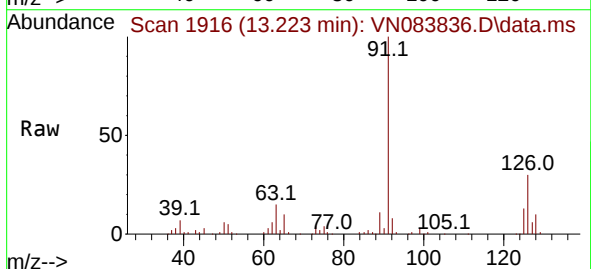
Tgt Ion: 75 Resp: 1718
Ion Ratio Lower Upper
75 100
53 114.0 81.2 121.8
89 46.1 35.7 53.5

Manual Integrations
APPROVED

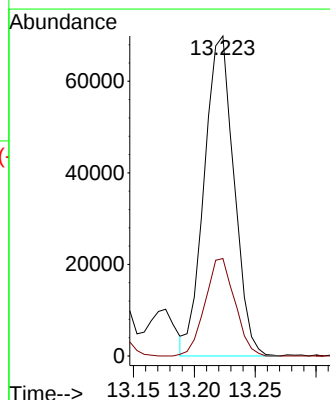
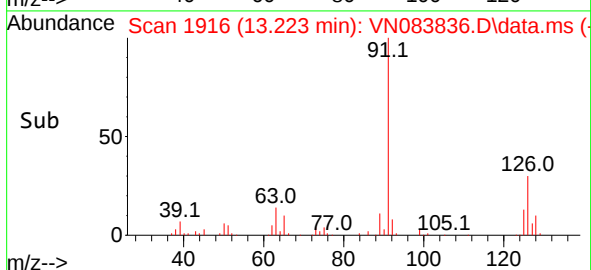
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

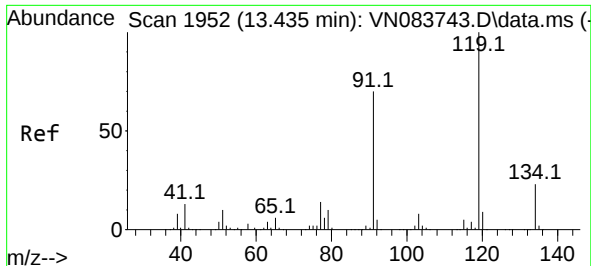


#82
4-Chlorotoluene
Concen: 17.879 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05



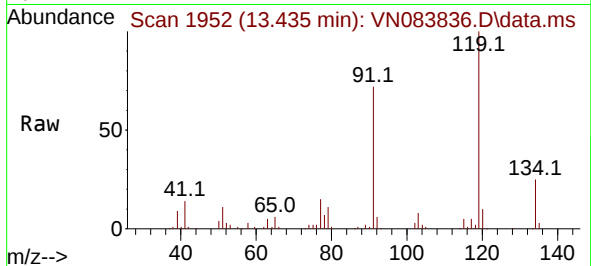
Tgt Ion: 91 Resp: 118967
Ion Ratio Lower Upper
91 100
126 30.5 15.4 46.2





#83
tert-Butylbenzene
Concen: 18.161 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

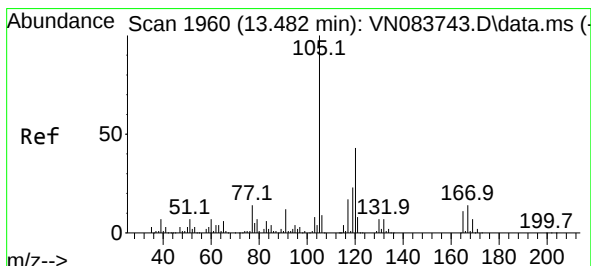
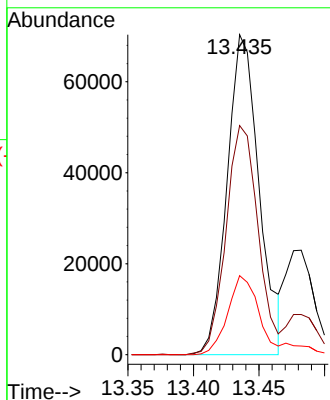
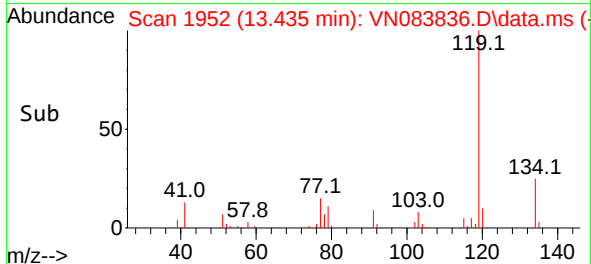
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



Tgt Ion:119 Resp: 119708
Ion Ratio Lower Upper
119 100
91 71.6 34.5 103.6
134 26.3 12.8 38.4

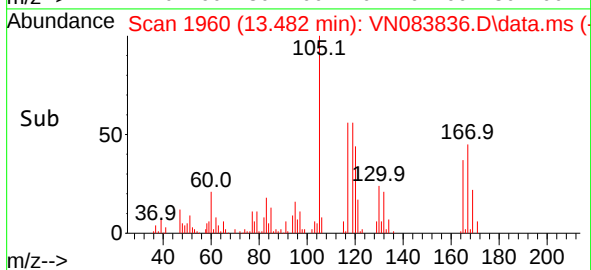
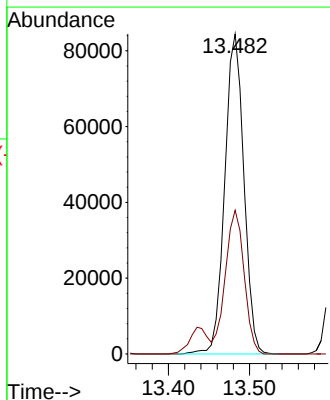
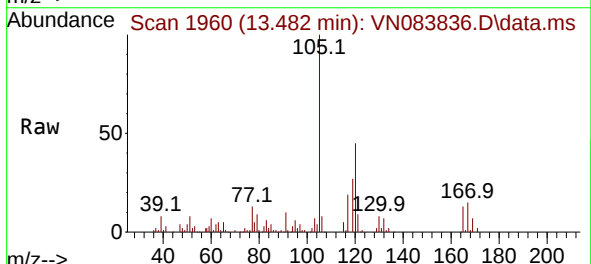
Manual Integrations
APPROVED

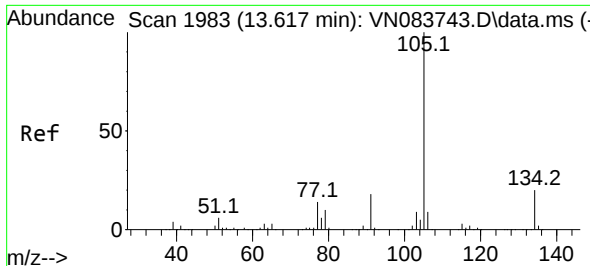
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#84
1,2,4-Trimethylbenzene
Concen: 18.251 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

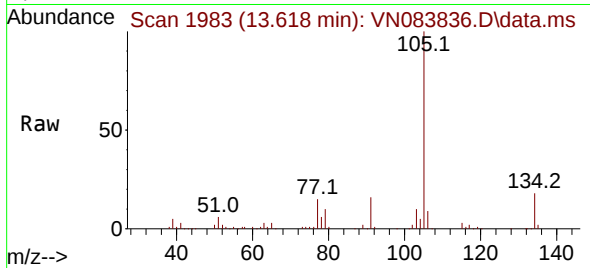
Tgt Ion:105 Resp: 138124
Ion Ratio Lower Upper
105 100
120 44.2 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 17.953 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083836.D
 Acq: 12 Sep 2024 17:05

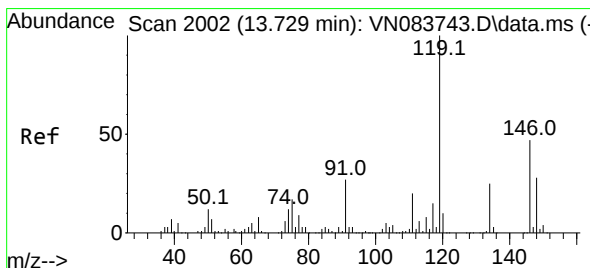
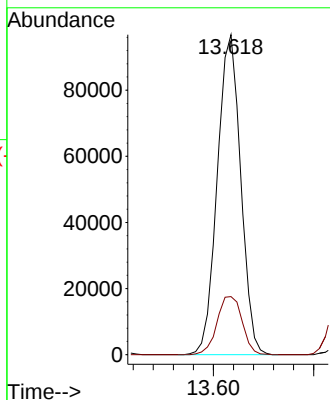
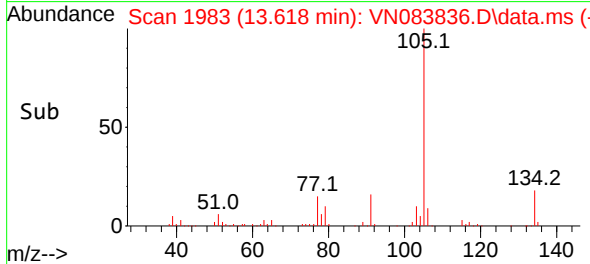
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD02



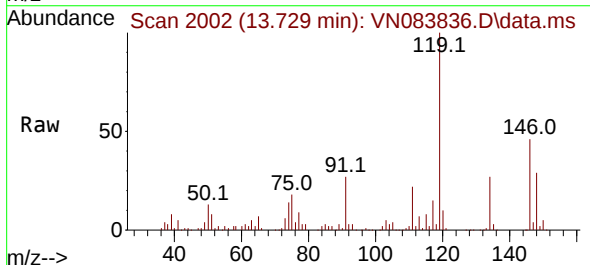
Tgt Ion:105 Resp: 156934
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

Manual Integrations
 APPROVED

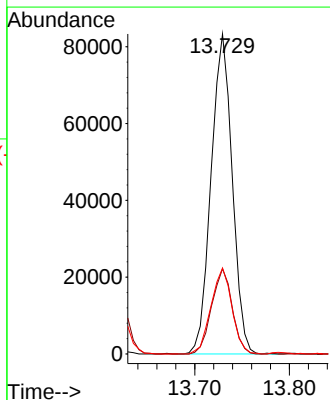
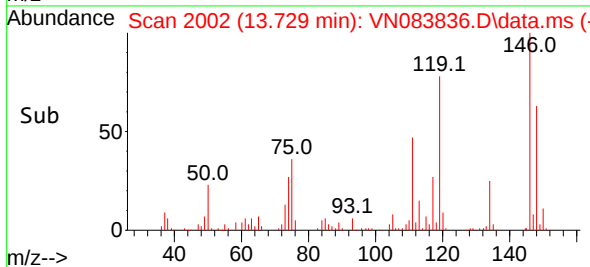
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024

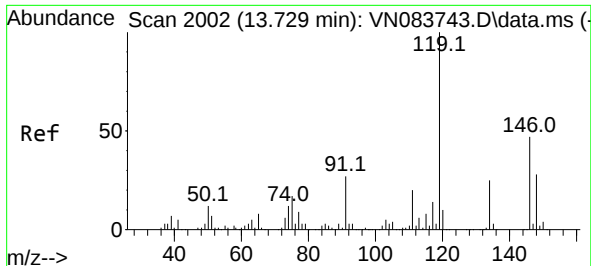


#86
 p-Isopropyltoluene
 Concen: 17.596 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083836.D
 Acq: 12 Sep 2024 17:05



Tgt Ion:119 Resp: 128943
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 26.6 12.9 38.7





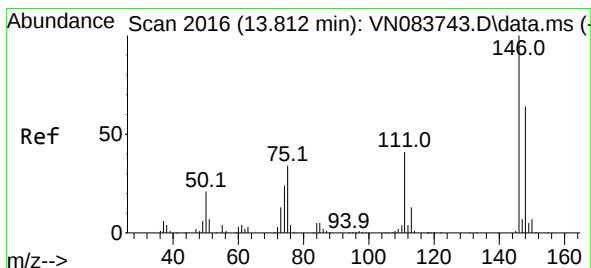
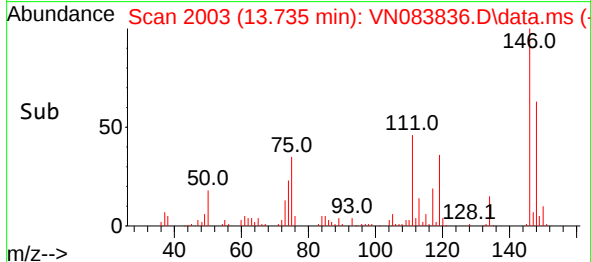
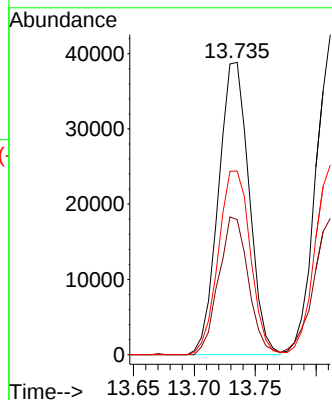
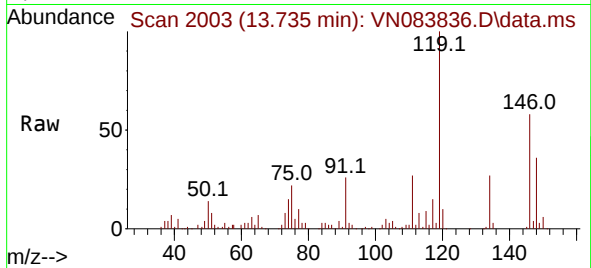
#87
1,3-Dichlorobenzene
Concen: 16.764 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion:146 Resp: 6805
Ion Ratio Lower Upper
146 100
111 45.6 21.7 65.1
148 65.5 31.7 95.1

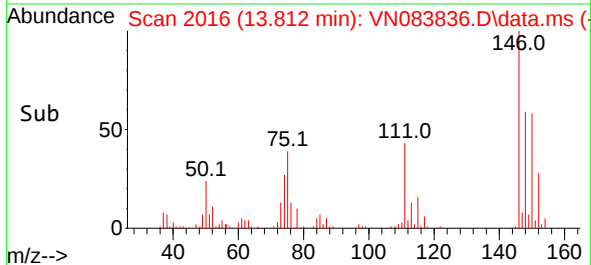
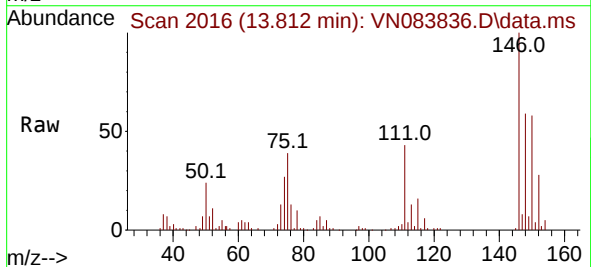
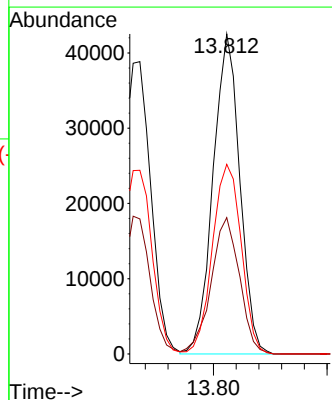
Manual Integrations
APPROVED

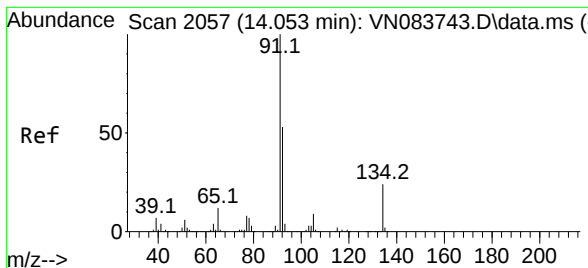
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#88
1,4-Dichlorobenzene
Concen: 16.898 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Tgt Ion:146 Resp: 69459
Ion Ratio Lower Upper
146 100
111 45.4 21.3 64.0
148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 16.719 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD02

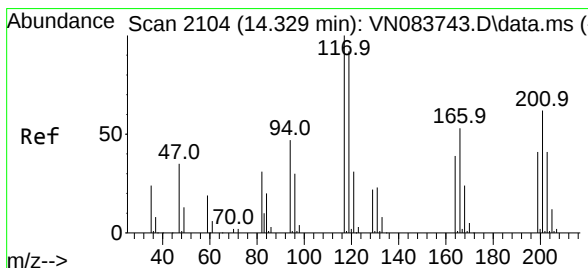
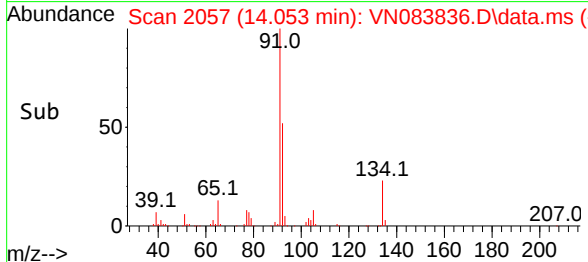
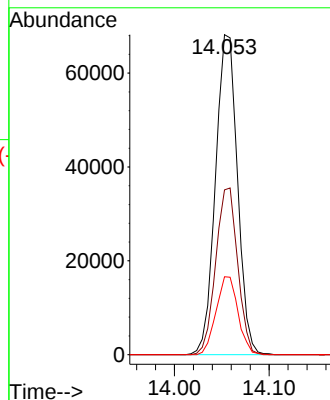
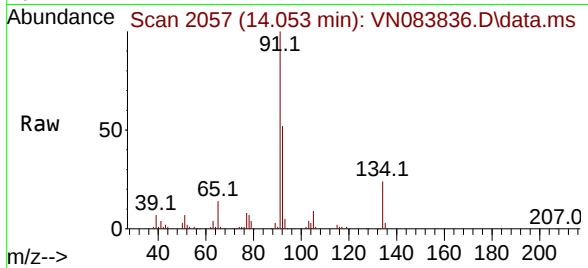
Tgt Ion:	91	Resp:	109998
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.7	80.1
134	24.3	12.2	36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#90

Hexachloroethane

Concen: 17.526 ug/l

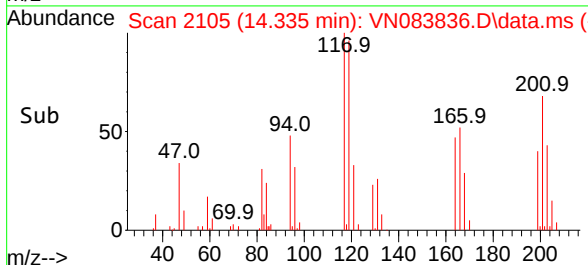
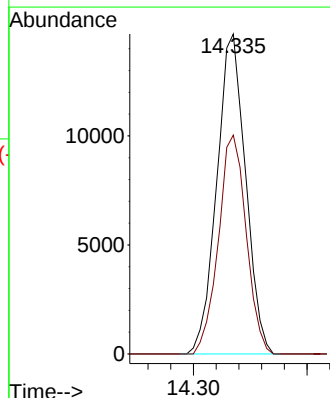
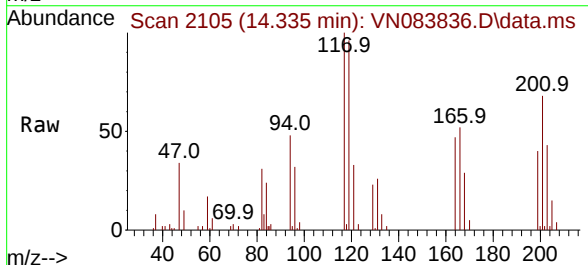
RT: 14.335 min Scan# 2105

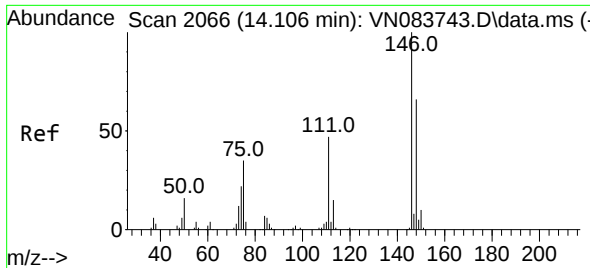
Delta R.T. 0.006 min

Lab File: VN083836.D

Acq: 12 Sep 2024 17:05

Tgt Ion:	117	Resp:	25816
Ion	Ratio	Lower	Upper
117	100		
201	66.0	32.8	98.3





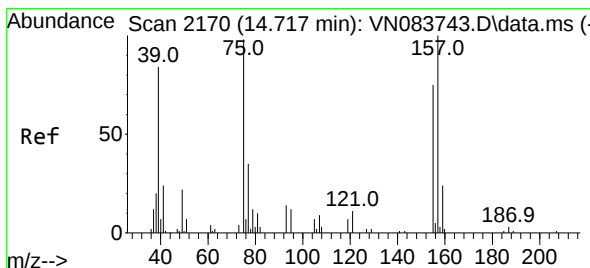
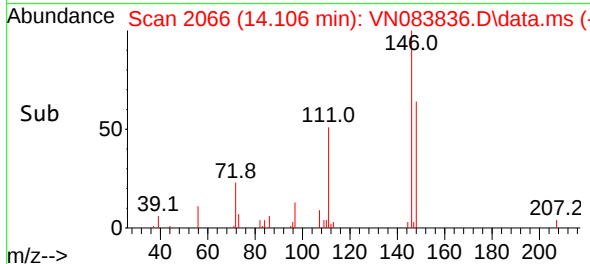
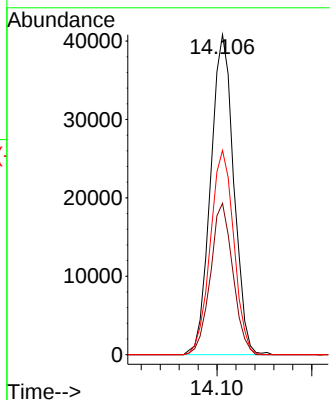
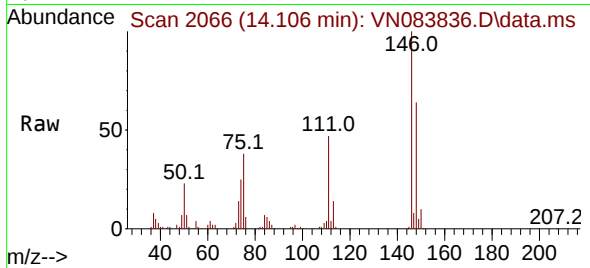
#91
1,2-Dichlorobenzene
Concen: 17.644 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02

Tgt Ion:146 Resp: 69124
Ion Ratio Lower Upper
146 100
111 45.9 22.8 68.3
148 64.7 32.1 96.5

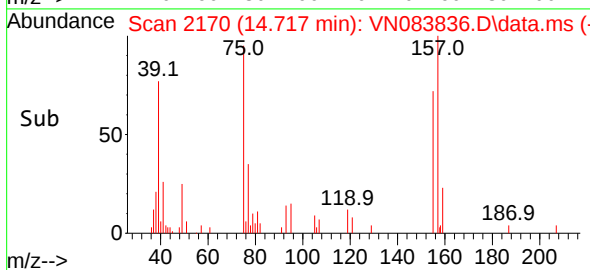
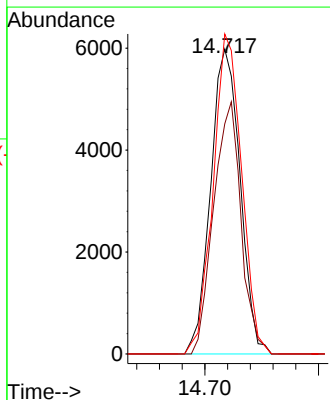
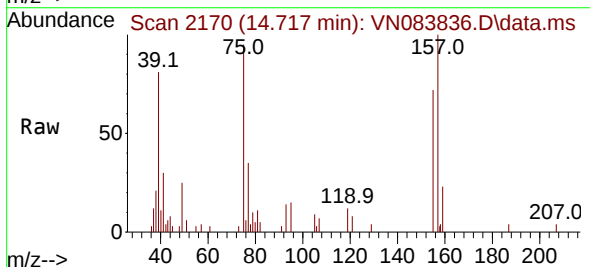
Manual Integrations
APPROVED

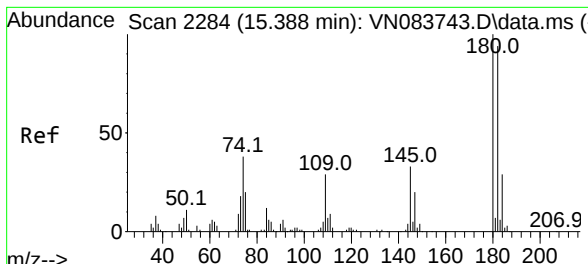
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.620 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

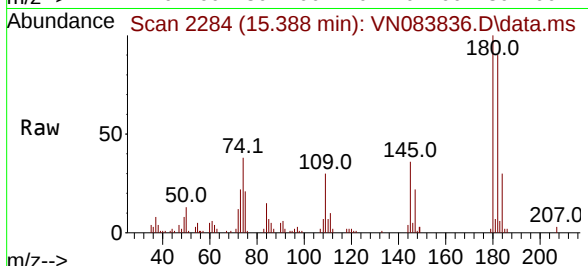
Tgt Ion: 75 Resp: 10792
Ion Ratio Lower Upper
75 100
155 77.1 35.9 107.7
157 101.4 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 16.286 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

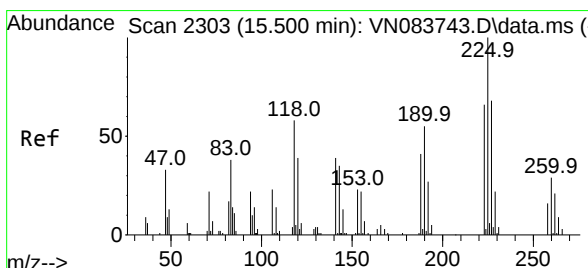
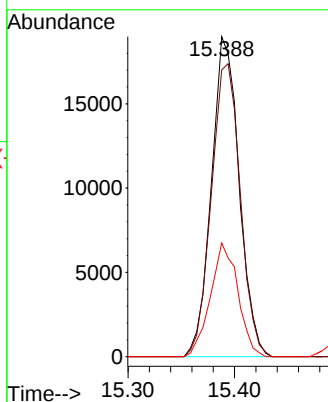
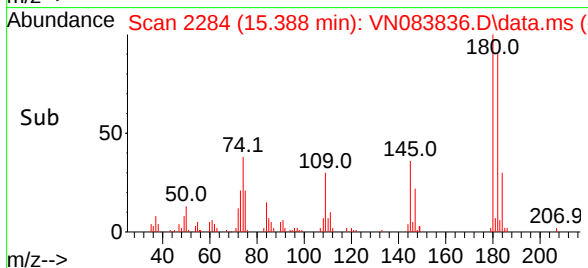
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



Tgt Ion:180 Resp: 34238
Ion Ratio Lower Upper
180 100
182 95.5 48.1 144.3
145 35.3 16.9 50.7

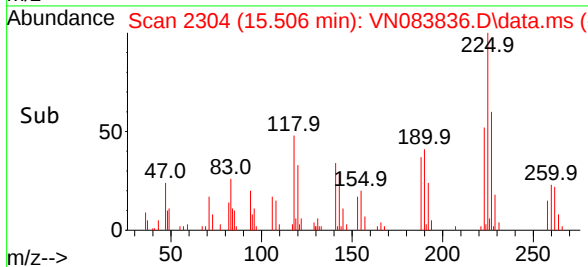
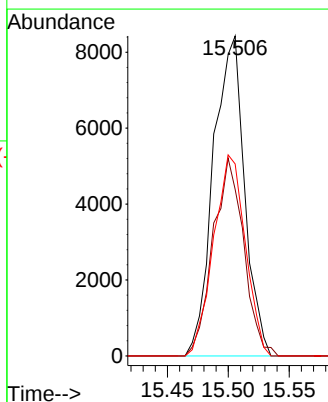
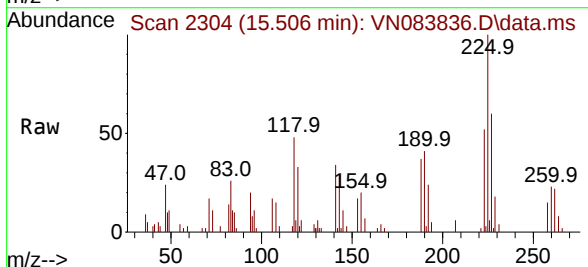
Manual Integrations
APPROVED

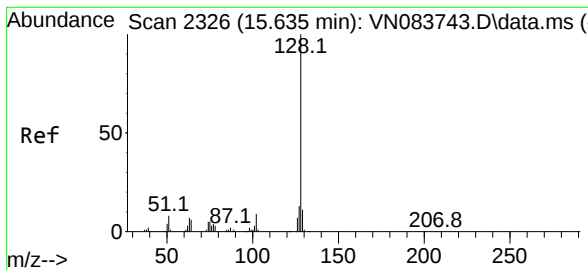
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#94
Hexachlorobutadiene
Concen: 16.767 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

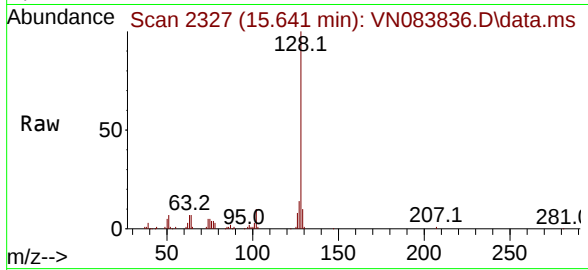
Tgt Ion:225 Resp: 14970
Ion Ratio Lower Upper
225 100
223 61.0 31.9 95.5
227 64.1 32.0 96.2





#95
Naphthalene
Concen: 18.733 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05

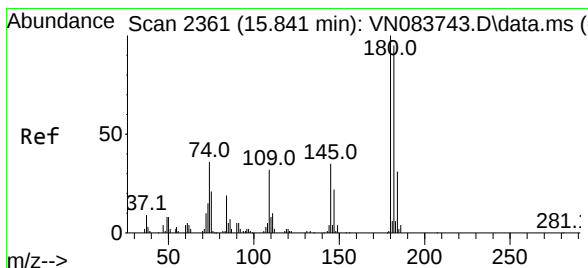
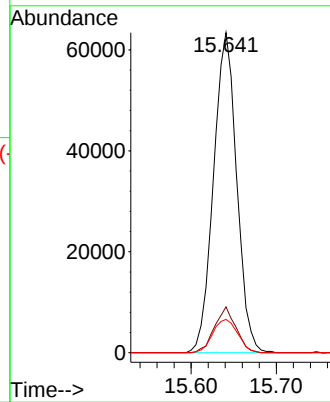
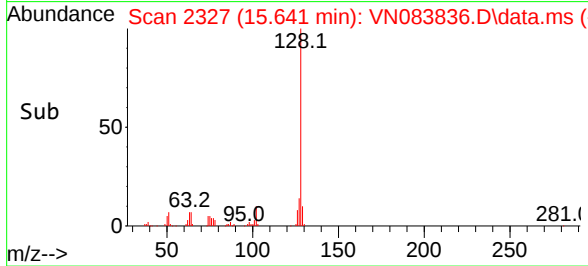
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD02



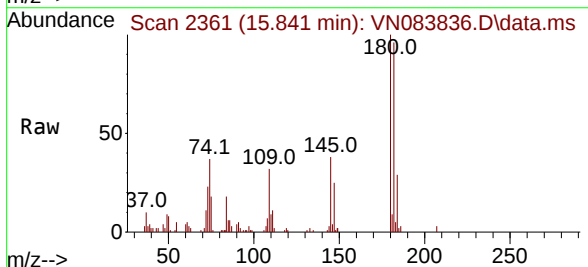
Tgt Ion:128 Resp: 11982
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 16.756 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083836.D
Acq: 12 Sep 2024 17:05



Tgt Ion:180 Resp: 33666
Ion Ratio Lower Upper
180 100
182 95.1 47.1 141.4
145 37.8 17.8 53.5

