

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083831.D
 Acq On : 12 Sep 2024 15:05
 Operator : JC\MD
 Sample : VN0912WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Sep 13 00:18:00 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	8.218	168	173409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123929	47.396	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.800%		
35) Dibromofluoromethane	8.165	113	90381	46.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.320%		
50) Toluene-d8	10.565	98	323178	47.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.500%		
62) 4-Bromofluorobenzene	12.847	95	130056	46.574	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35499	17.627	ug/l	95
3) Chloromethane	2.359	50	36379	16.451	ug/l	98
4) Vinyl Chloride	2.512	62	37355	16.923	ug/l	94
5) Bromomethane	2.900	94	20663	16.304	ug/l	96
6) Chloroethane	3.071	64	25367	16.383	ug/l	99
7) Trichlorofluoromethane	3.459	101	63668	16.992	ug/l	95
8) Diethyl Ether	3.959	74	22355	17.798	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.347	101	33810	17.024	ug/l	98
10) Methyl Iodide	4.577	142	43147	17.082	ug/l	98
11) Tert butyl alcohol	5.547	59	46892	133.923	ug/l #	94
12) 1,1-Dichloroethene	4.324	96	31612	16.854	ug/l	91
13) Acrolein	4.177	56	38480	111.384	ug/l	98
14) Allyl chloride	5.012	41	58709	17.567	ug/l	98
15) Acrylonitrile	5.724	53	89515	94.007	ug/l	98
16) Acetone	4.430	43	89596	85.476	ug/l	100
17) Carbon Disulfide	4.694	76	80939	15.427	ug/l	100
18) Methyl Acetate	5.024	43	47024	20.434	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	121355	17.880	ug/l	100
20) Methylene Chloride	5.271	84	36481	17.008	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	32197	16.018	ug/l	94
22) Diisopropyl ether	6.671	45	119515	17.372	ug/l	99
23) Vinyl Acetate	6.600	43	477121	94.702	ug/l	99
24) 1,1-Dichloroethane	6.565	63	66515	16.782	ug/l	99
25) 2-Butanone	7.482	43	131055	95.127	ug/l	97
26) 2,2-Dichloropropane	7.488	77	61730	16.912	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	41841	17.535	ug/l	99
28) Bromochloromethane	7.812	49	27857	16.689	ug/l	97
29) Tetrahydrofuran	7.835	42	81924	100.568	ug/l	98
30) Chloroform	7.965	83	69802	16.588	ug/l	98
31) Cyclohexane	8.253	56	60513	16.013	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	65062	16.815	ug/l	98
36) 1,1-Dichloropropene	8.365	75	48398	16.424	ug/l	99
37) Ethyl Acetate	7.559	43	53129	19.862	ug/l	100
38) Carbon Tetrachloride	8.365	117	56934	17.030	ug/l	95
39) Methylcyclohexane	9.600	83	52747	15.725	ug/l	99
40) Benzene	8.606	78	147337	16.611	ug/l	98

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 Sample : VN0912WBSD01
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 ALS Vial : 15 Sample Multiplier: 1

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 ClientSampleId :
 VN0912WBSD01

Quant Time: Sep 13 00:18:00 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

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28595	18.075	ug/l	98
42) 1,2-Dichloroethane	8.665	62	58422	17.627	ug/l	99
43) Isopropyl Acetate	8.688	43	149383	30.818	ug/l #	86
44) Trichloroethene	9.347	130	34255	16.677	ug/l	95
45) 1,2-Dichloropropane	9.618	63	37382	17.438	ug/l	89
46) Dibromomethane	9.706	93	25897	17.247	ug/l	98
47) Bromodichloromethane	9.888	83	55958	17.220	ug/l	97
48) Methyl methacrylate	9.682	41	43839	19.063	ug/l	97
49) 1,4-Dioxane	9.700	88	13538	357.848	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	278516	105.555	ug/l	98
52) Toluene	10.629	92	94248	17.372	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	56920	17.280	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	61299	17.716	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	34640	17.103	ug/l	94
56) Ethyl methacrylate	10.876	69	63578	20.402	ug/l	97
57) 1,3-Dichloropropane	11.165	76	60694	17.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	125770	112.011	ug/l	99
59) 2-Hexanone	11.194	43	211373	108.295	ug/l	98
60) Dibromochloromethane	11.359	129	40200	17.735	ug/l	99
61) 1,2-Dibromoethane	11.470	107	36539	18.089	ug/l	98
64) Tetrachloroethene	11.100	164	27187	15.355	ug/l	95
65) Chlorobenzene	11.894	112	98406	16.630	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	35986	17.542	ug/l	99
67) Ethyl Benzene	11.965	91	180594	17.180	ug/l	98
68) m/p-Xylenes	12.070	106	131658	33.736	ug/l	100
69) o-Xylene	12.394	106	65671	17.382	ug/l	100
70) Styrene	12.412	104	109139	17.602	ug/l	98
71) Bromoform	12.576	173	26008	18.814	ug/l #	98
73) Isopropylbenzene	12.694	105	164976	16.330	ug/l	100
74) N-amyl acetate	12.494	43	90666	21.035	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	54310	18.297	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	45638m	17.321	ug/l	
77) Bromobenzene	12.976	156	39607	16.287	ug/l	98
78) n-propylbenzene	13.035	91	189987	16.163	ug/l	99
79) 2-Chlorotoluene	13.123	91	122468	16.337	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	139765	16.409	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19425	19.309	ug/l	100
82) 4-Chlorotoluene	13.217	91	121094	16.097	ug/l	100
83) tert-Butylbenzene	13.435	119	123425	16.563	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	141822	16.576	ug/l	99
85) sec-Butylbenzene	13.617	105	162683	16.461	ug/l	99
86) p-Isopropyltoluene	13.729	119	137354	16.580	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	71583	15.598	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	71795	15.450	ug/l	98
89) n-Butylbenzene	14.059	91	118099	15.878	ug/l	100
90) Hexachloroethane	14.335	117	26480	15.901	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	72600	16.391	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12386	20.933	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	35717	15.027	ug/l	96
94) Hexachlorobutadiene	15.500	225	15452	15.308	ug/l	96
95) Naphthalene	15.641	128	136550	18.884	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	35676	15.706	ug/l	98

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Manual Integrations
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Supervised By :Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 00:18:00 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

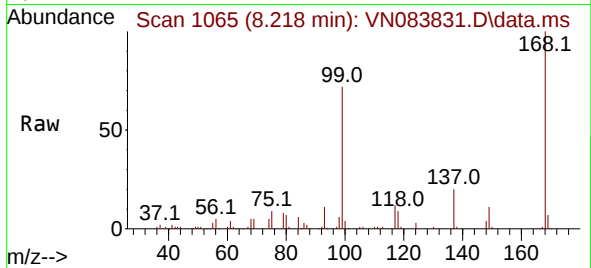
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

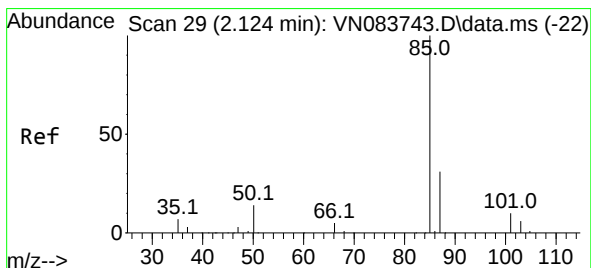
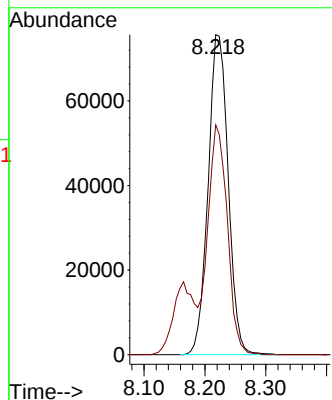
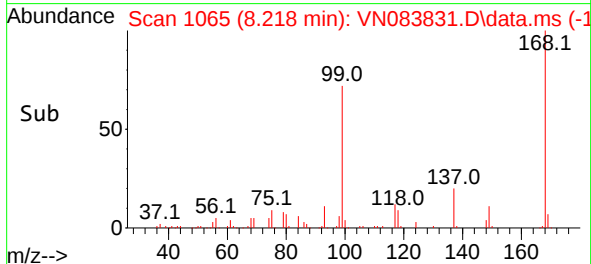
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:168 Resp: 173409
Ion Ratio Lower Upper
168 100
99 71.8 54.2 81.2

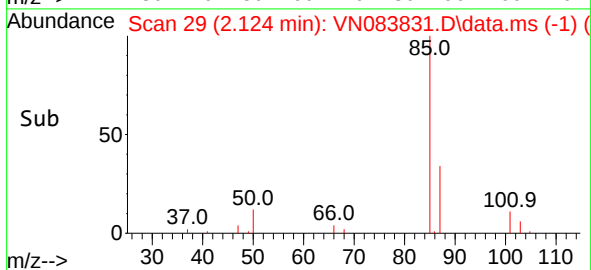
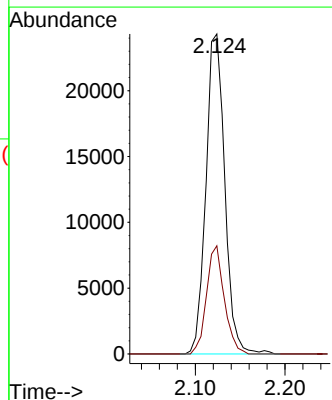
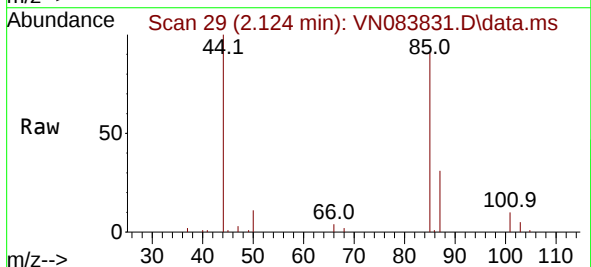
Manual Integrations
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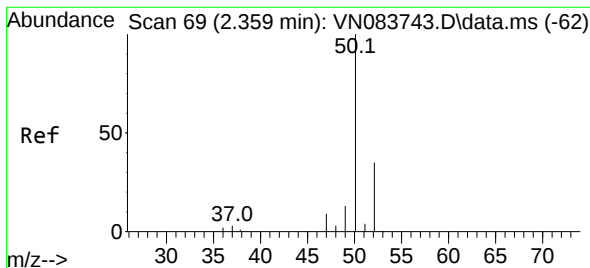
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#2
Dichlorodifluoromethane
Concen: 17.627 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion: 85 Resp: 35499
Ion Ratio Lower Upper
85 100
87 33.8 15.7 47.0





#3

Chloromethane

Concen: 16.451 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 50 Resp: 36379

Ion Ratio Lower Upper

50 100

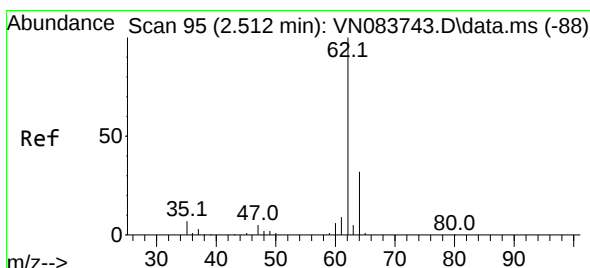
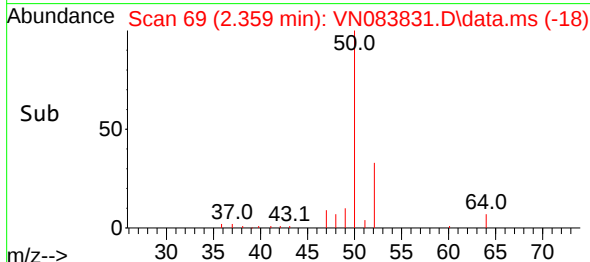
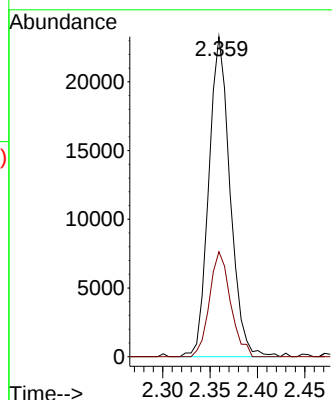
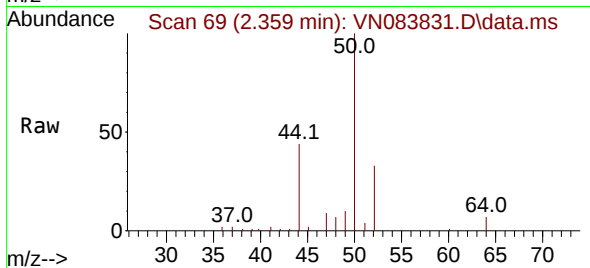
52 32.8 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#4

Vinyl Chloride

Concen: 16.923 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN083831.D

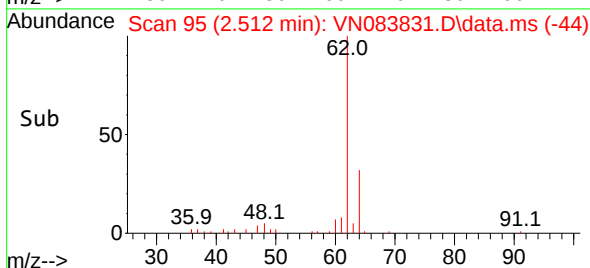
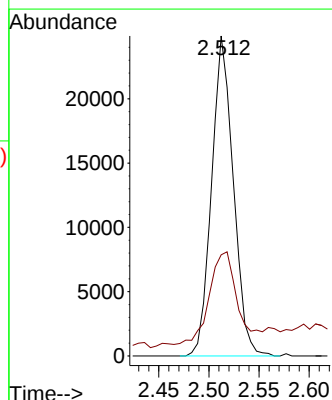
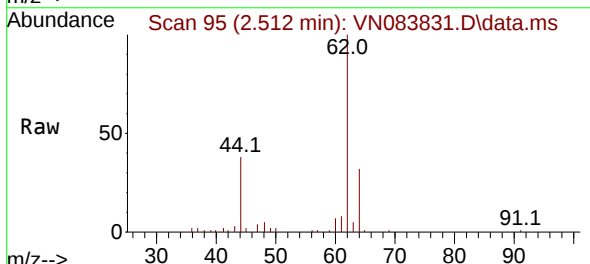
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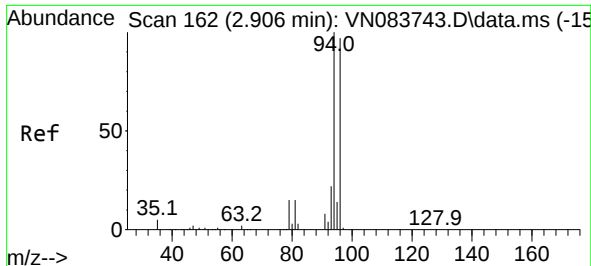
Tgt Ion: 62 Resp: 37355

Ion Ratio Lower Upper

62 100

64 27.7 24.7 37.1





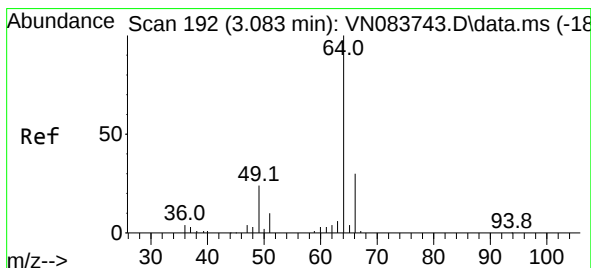
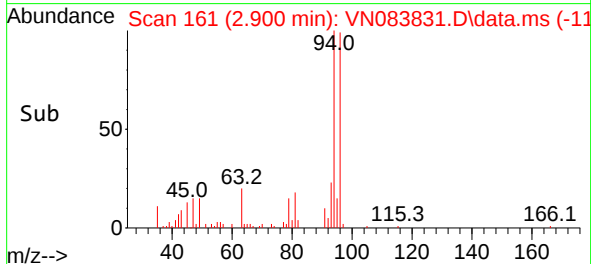
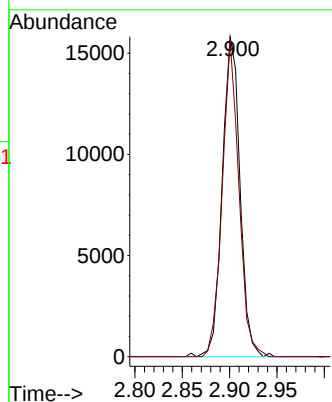
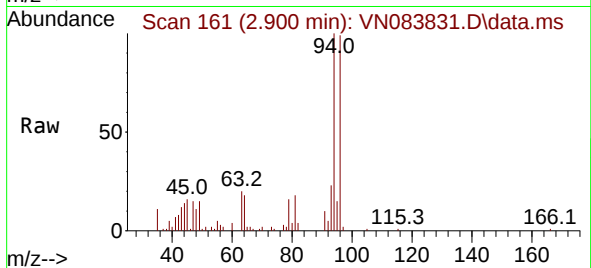
#5
Bromomethane
Concen: 16.304 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 94 Resp: 2066
Ion Ratio Lower Upper
94 100
96 99.0 76.0 114.0

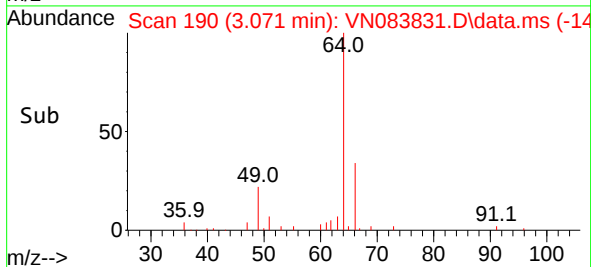
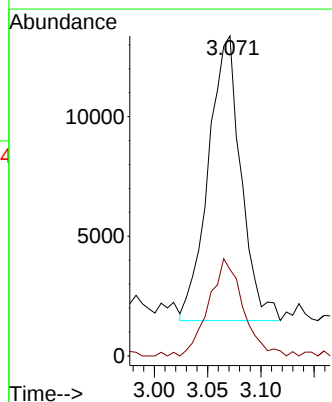
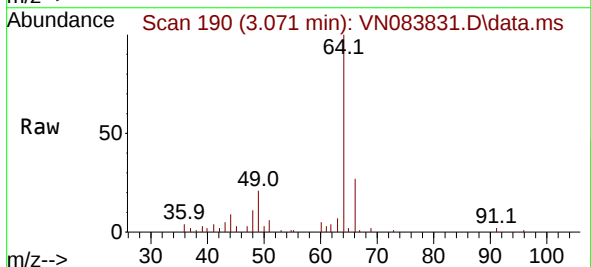
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#6
Chloroethane
Concen: 16.383 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.012 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion: 64 Resp: 25367
Ion Ratio Lower Upper
64 100
66 30.4 23.9 35.9





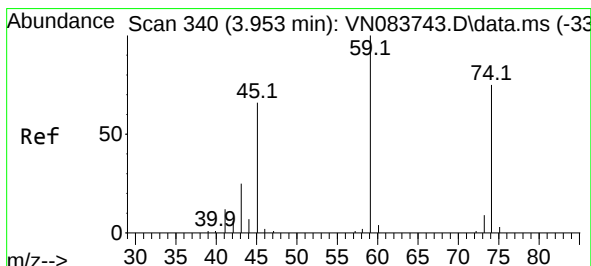
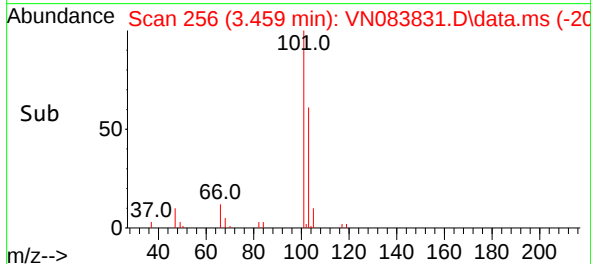
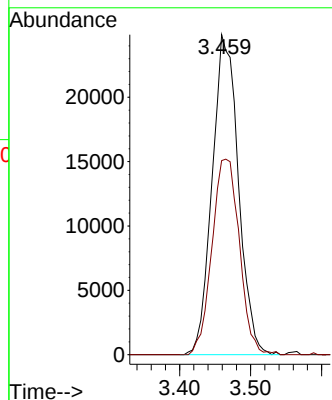
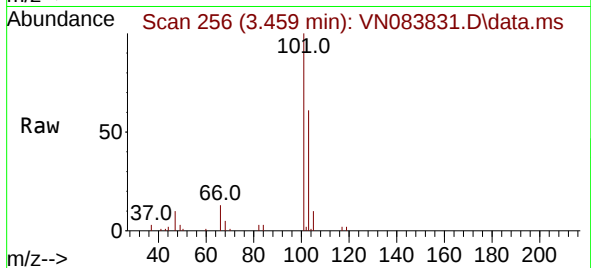
#7
Trichlorofluoromethane
Concen: 16.992 ug/l
RT: 3.459 min Scan# 258
Delta R.T. -0.012 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:101 Resp: 6366
Ion Ratio Lower Upper
101 100
103 60.6 51.4 77.0

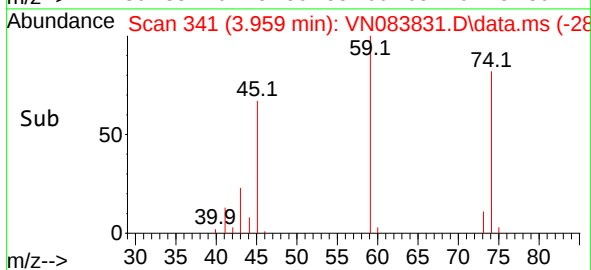
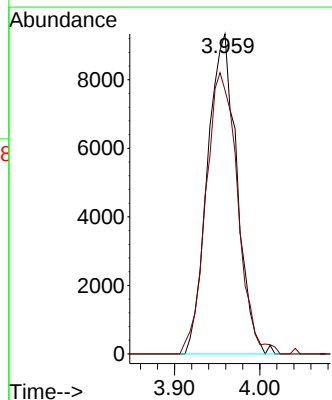
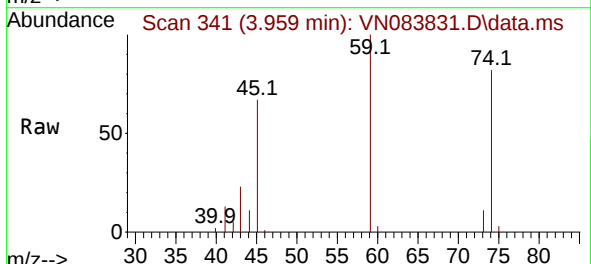
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#8
Diethyl Ether
Concen: 17.798 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion: 74 Resp: 22355
Ion Ratio Lower Upper
74 100
45 95.0 46.7 140.1





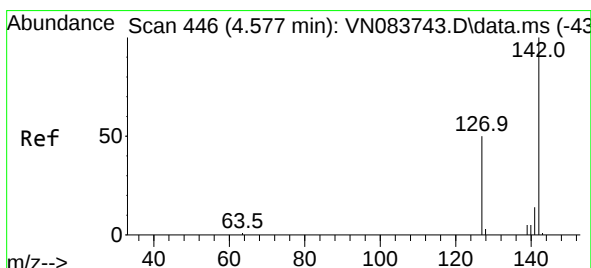
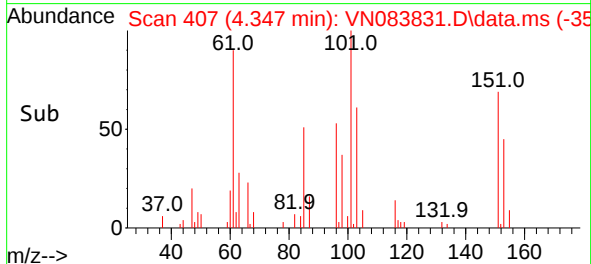
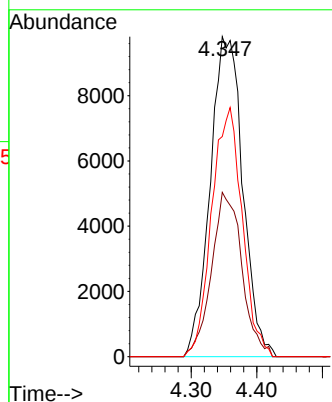
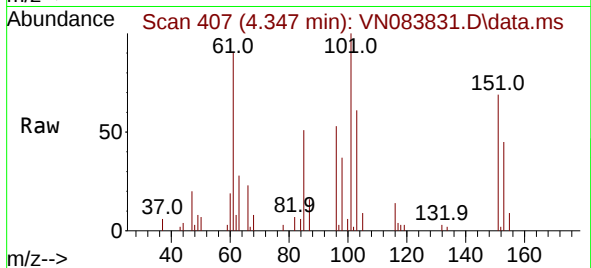
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.024 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:101 Resp: 33810
Ion Ratio Lower Upper
101 100
85 48.0 36.2 54.4
151 72.8 57.7 86.5

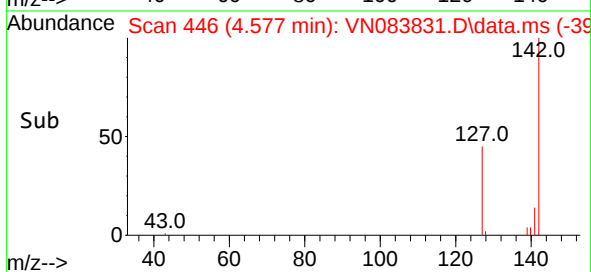
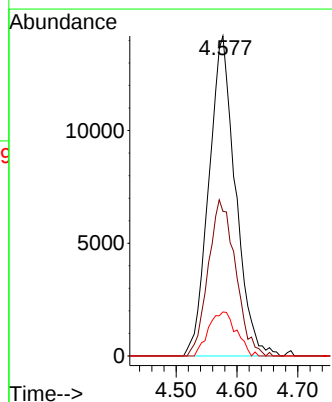
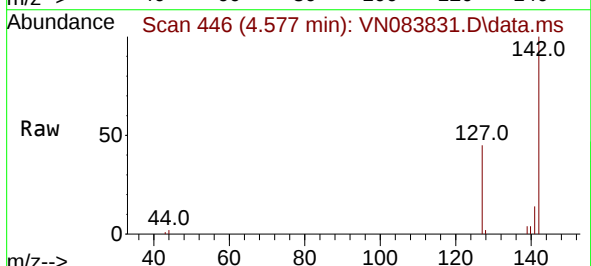
Manual Integrations
APPROVED

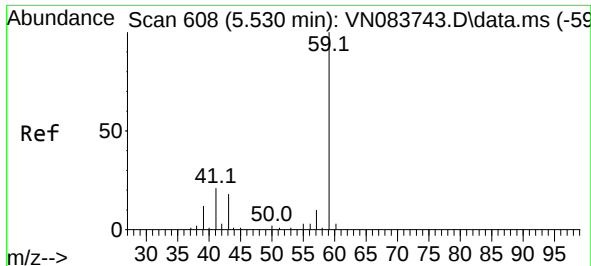
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#10
Methyl Iodide
Concen: 17.082 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion:142 Resp: 43147
Ion Ratio Lower Upper
142 100
127 45.2 37.5 56.3
141 13.8 11.0 16.4





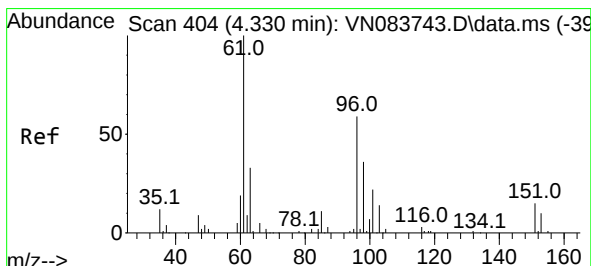
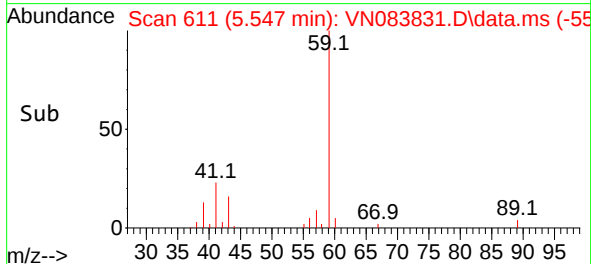
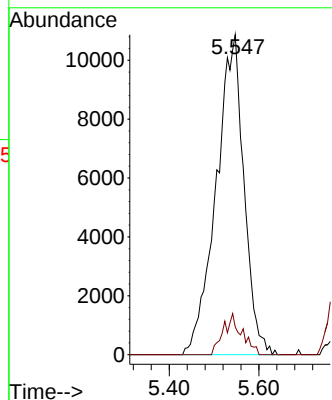
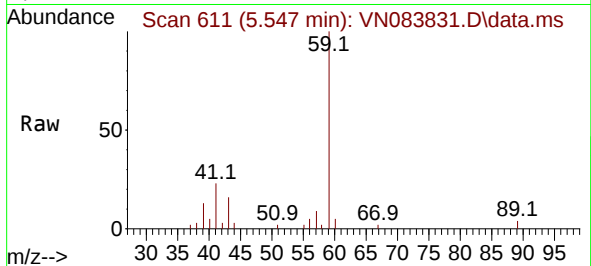
#11
Tert butyl alcohol
Concen: 133.923 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.018 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 59 Resp: 46892
Ion Ratio Lower Upper
59 100
57 8.5 8.7 13.1

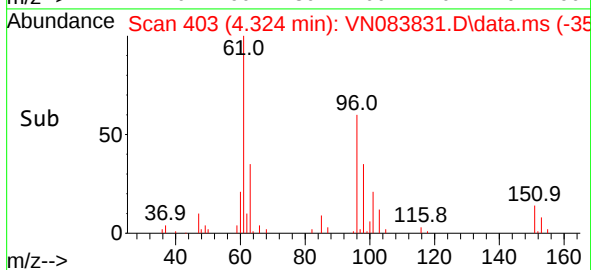
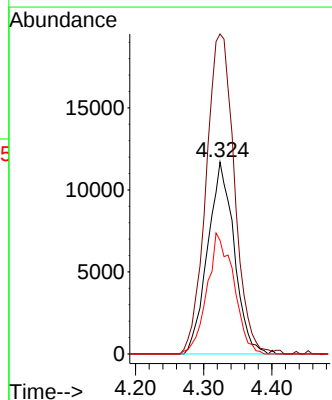
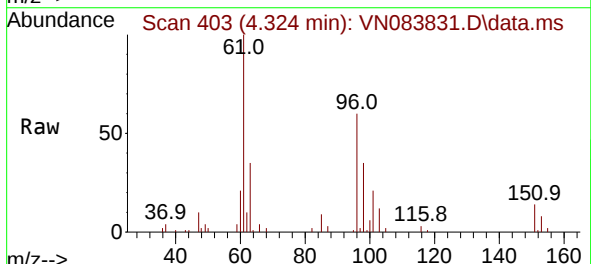
Manual Integrations
APPROVED

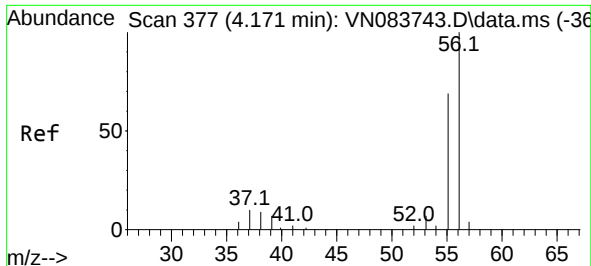
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#12
1,1-Dichloroethene
Concen: 16.854 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion: 96 Resp: 31612
Ion Ratio Lower Upper
96 100
61 166.8 143.4 215.0
98 59.2 52.7 79.1





#13

Acrolein

Concen: 111.384 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 56 Resp: 38480

Ion Ratio Lower Upper

56 100

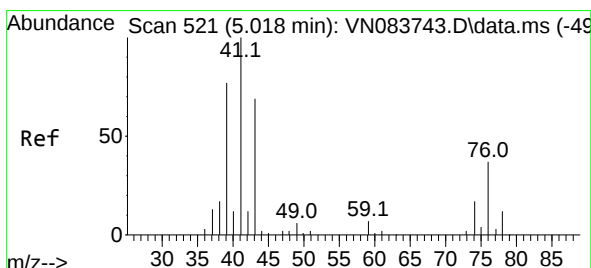
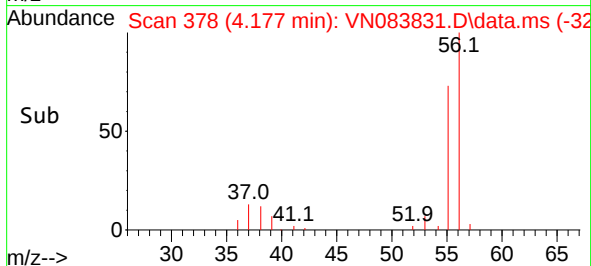
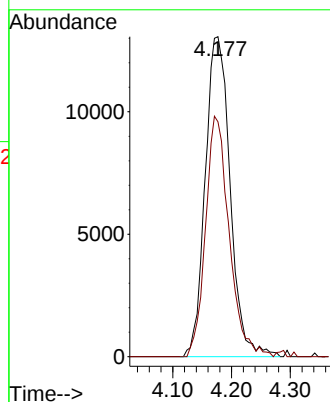
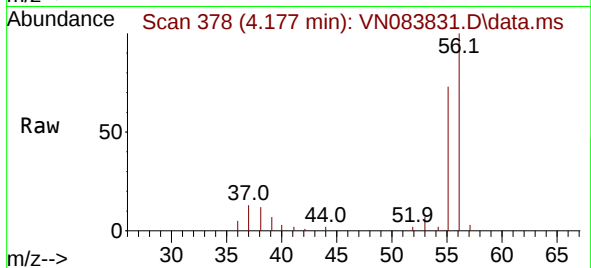
55 71.2 58.2 87.2

Manual Integrations

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Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#14

Allyl chloride

Concen: 17.567 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.006 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

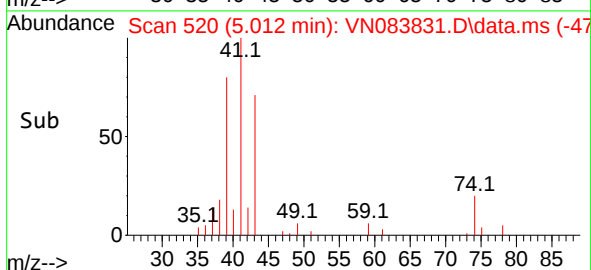
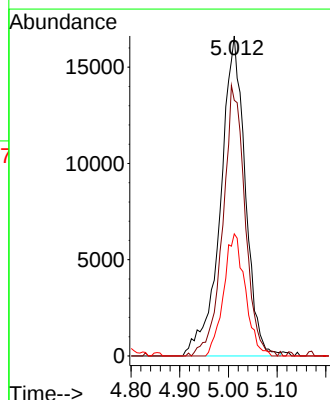
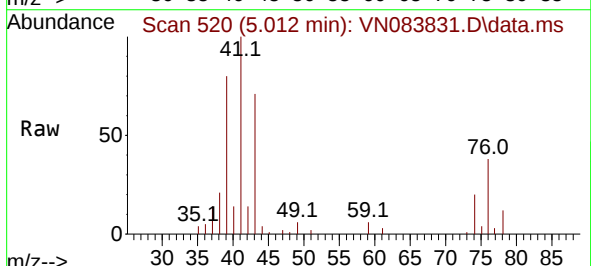
Tgt Ion: 41 Resp: 58709

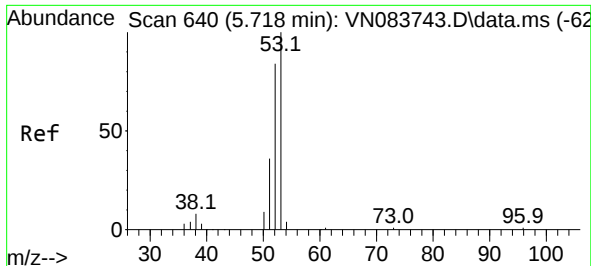
Ion Ratio Lower Upper

41 100

39 75.9 59.3 88.9

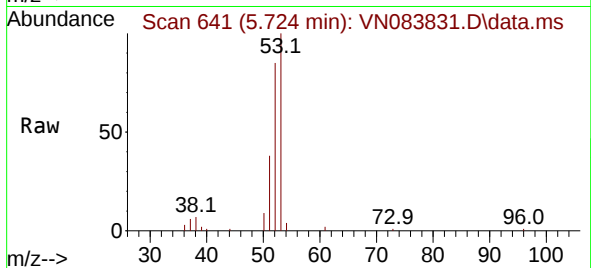
76 33.4 27.7 41.5





#15
Acrylonitrile
Concen: 94.007 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

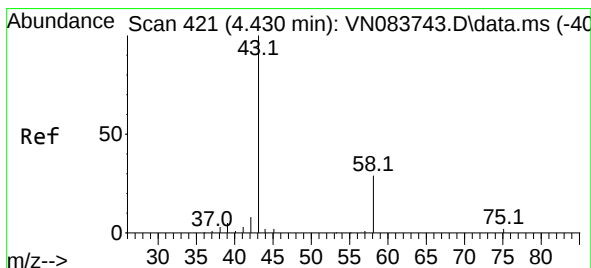
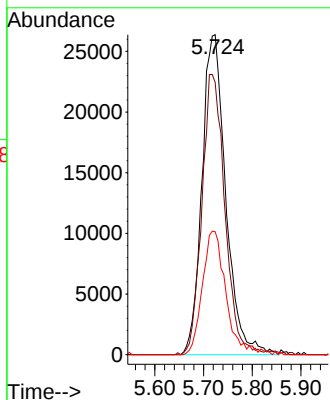
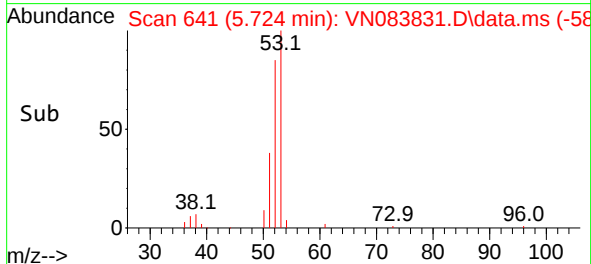
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 53 Resp: 89515
Ion Ratio Lower Upper
53 100
52 84.2 66.1 99.1
51 37.7 29.6 44.4

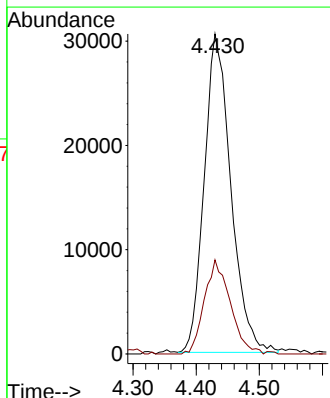
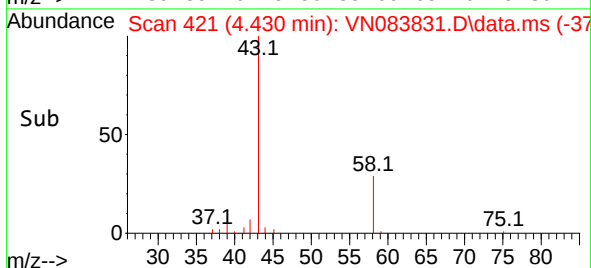
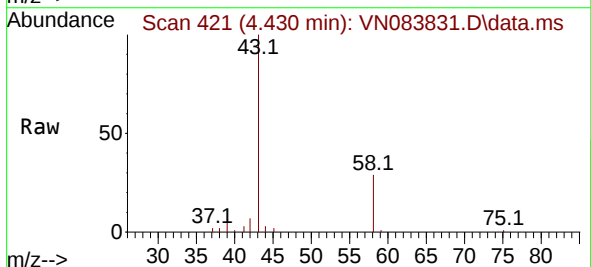
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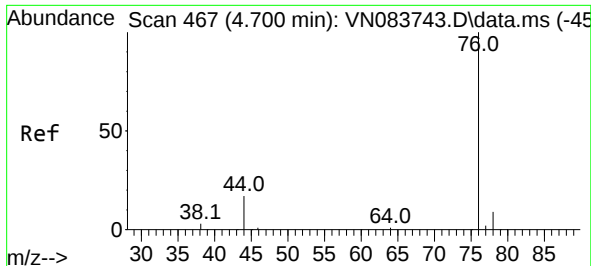
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#16
Acetone
Concen: 85.476 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion: 43 Resp: 89596
Ion Ratio Lower Upper
43 100
58 29.5 23.7 35.5





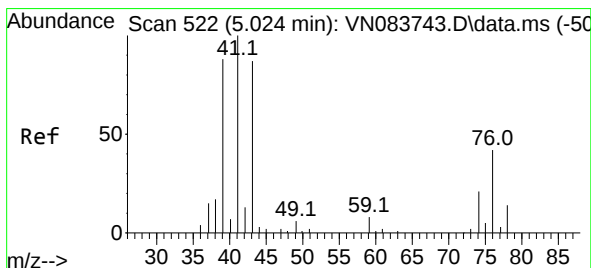
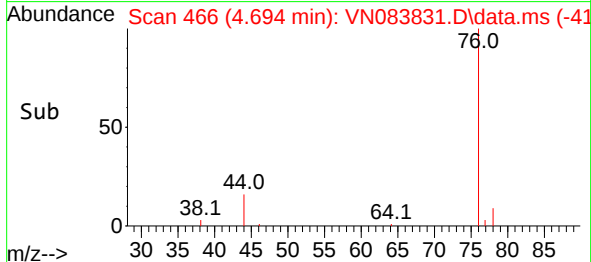
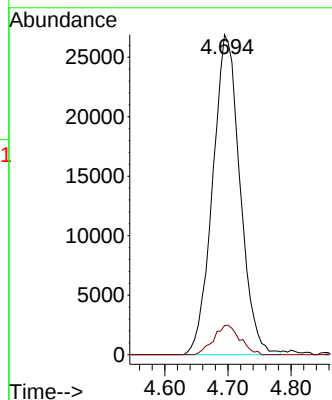
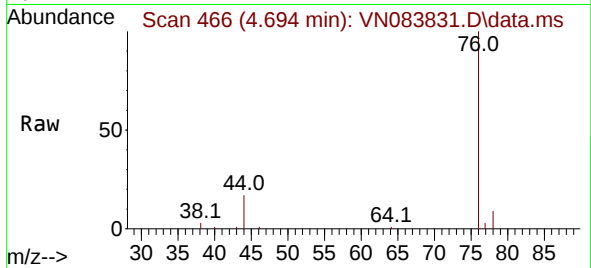
#17
Carbon Disulfide
Concen: 15.427 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 76 Resp: 80939
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

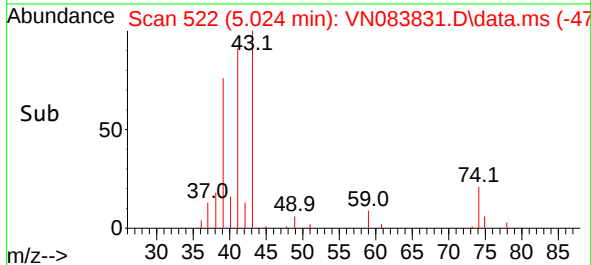
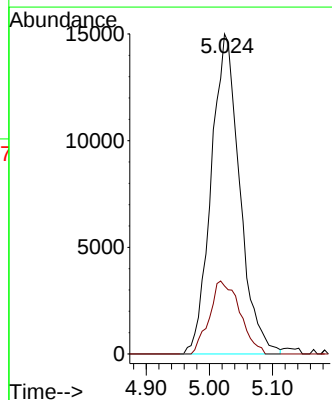
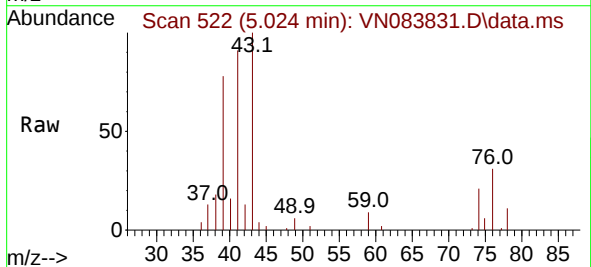
Manual Integrations
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Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#18
Methyl Acetate
Concen: 20.434 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion: 43 Resp: 47024
Ion Ratio Lower Upper
43 100
74 24.3 19.0 28.4





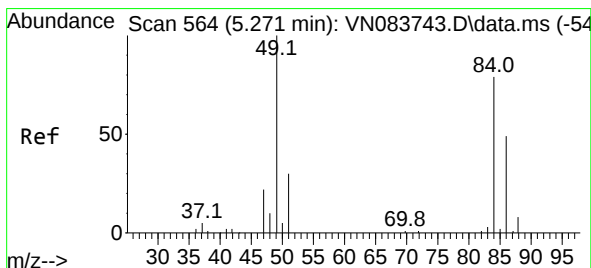
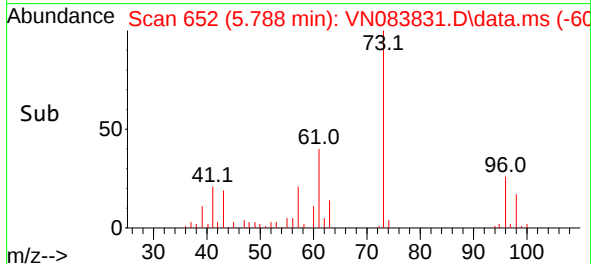
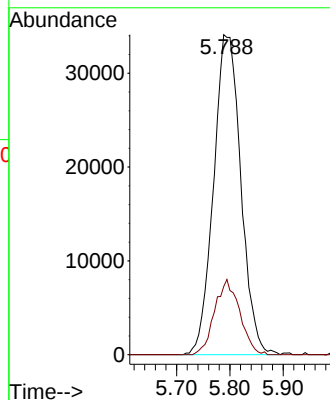
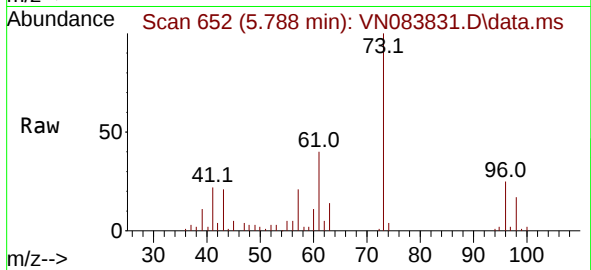
#19
Methyl tert-butyl Ether
Concen: 17.880 ug/l
RT: 5.788 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 73 Resp: 12135
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6

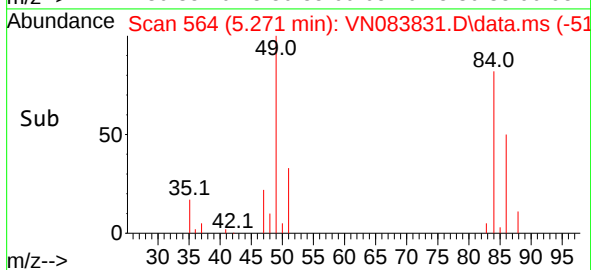
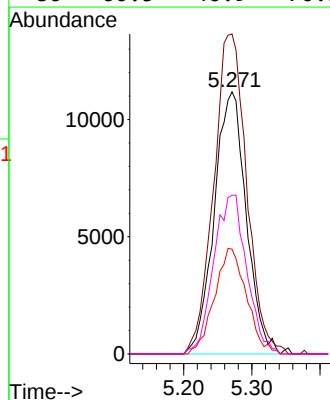
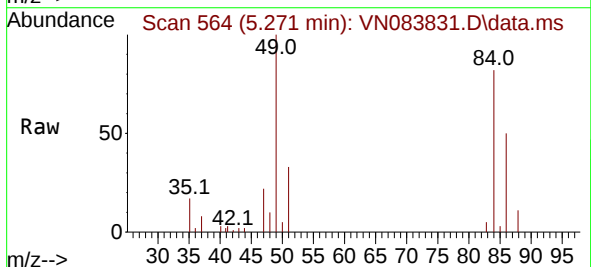
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 17.008 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion: 84 Resp: 36481
Ion Ratio Lower Upper
84 100
49 122.1 93.4 140.0
51 40.0 29.2 43.8
86 60.5 46.9 70.3





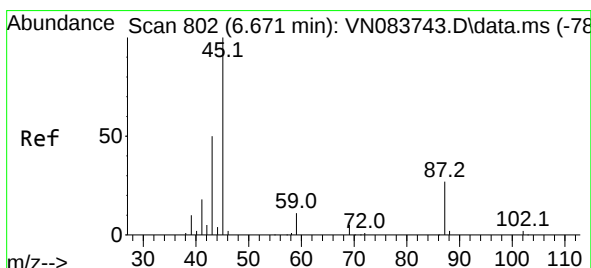
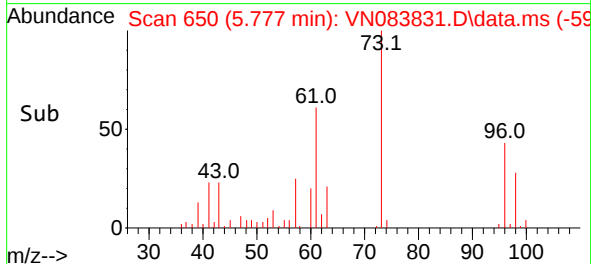
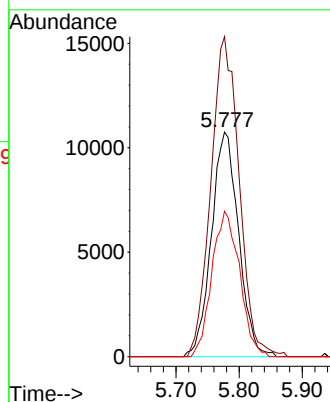
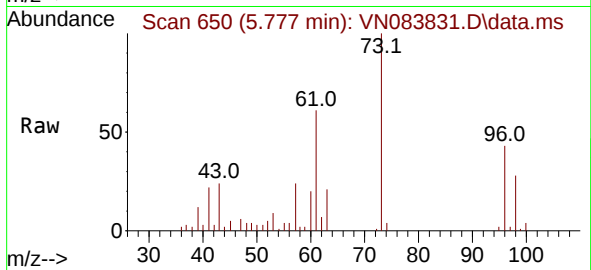
#21
trans-1,2-Dichloroethene
Concen: 16.018 ug/l
RT: 5.777 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 96 Resp: 3219
Ion Ratio Lower Upper
96 100
61 142.4 106.0 159.0
98 64.8 52.2 78.2

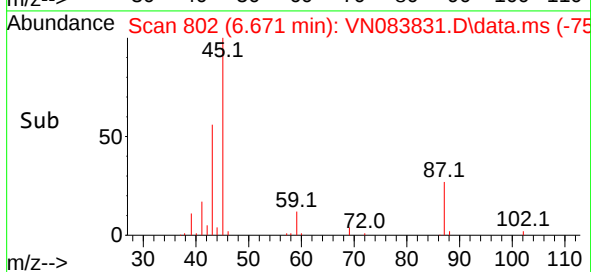
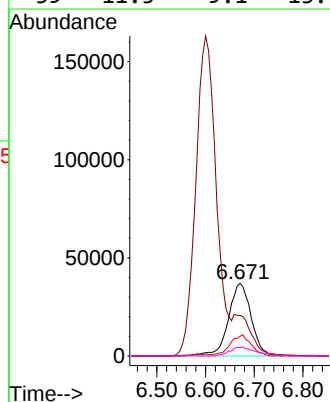
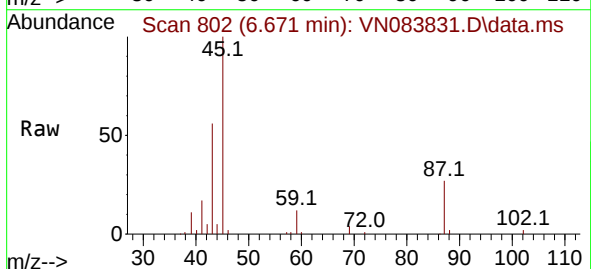
Manual Integrations
APPROVED

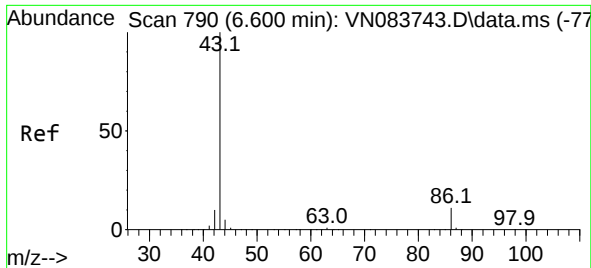
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#22
Diisopropyl ether
Concen: 17.372 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

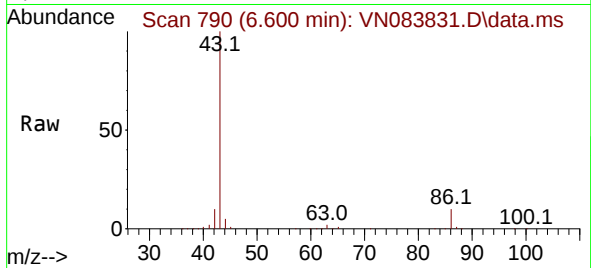
Tgt Ion: 45 Resp: 119515
Ion Ratio Lower Upper
45 100
43 54.4 43.4 65.0
87 27.3 22.6 33.8
59 11.5 9.1 13.7





#23
 Vinyl Acetate
 Concen: 94.702 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083831.D
 Acq: 12 Sep 2024 15:05

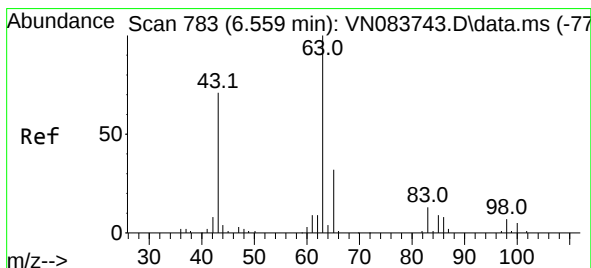
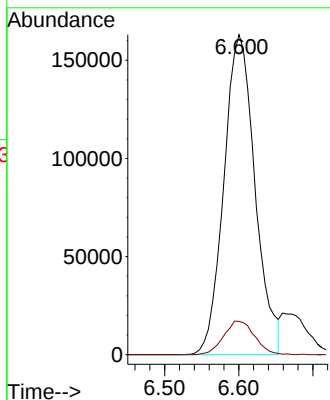
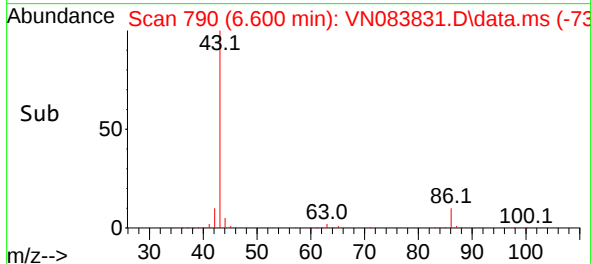
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



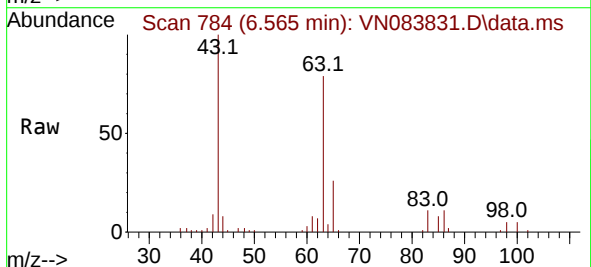
Tgt Ion: 43 Resp: 47712
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.7 13.1

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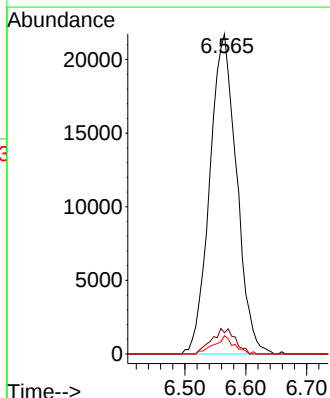
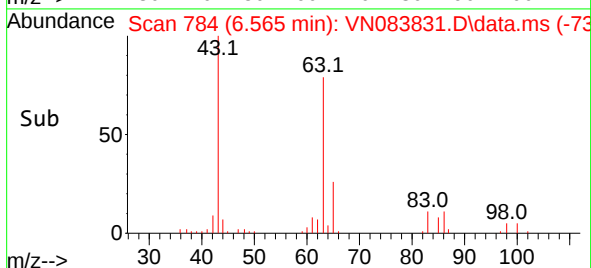
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#24
 1,1-Dichloroethane
 Concen: 16.782 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN083831.D
 Acq: 12 Sep 2024 15:05



Tgt Ion: 63 Resp: 66515
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 5.7 2.5 7.5





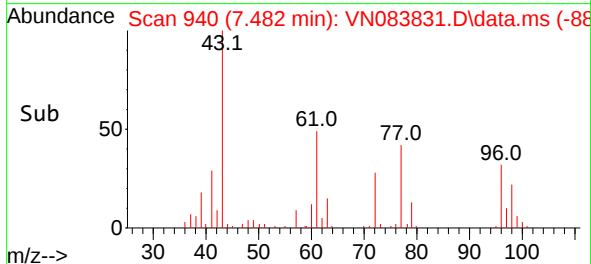
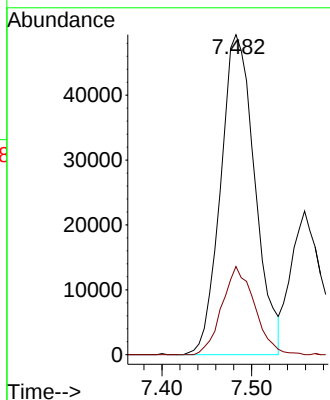
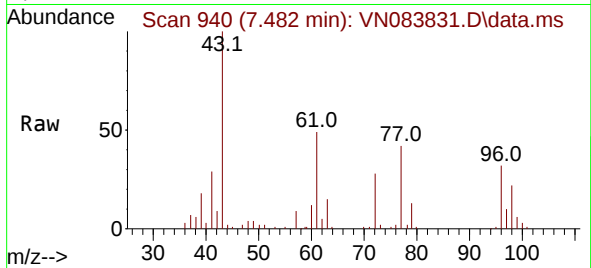
#25
2-Butanone
Concen: 95.127 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 43 Resp: 13105
Ion Ratio Lower Upper
43 100
72 27.6 20.8 31.2

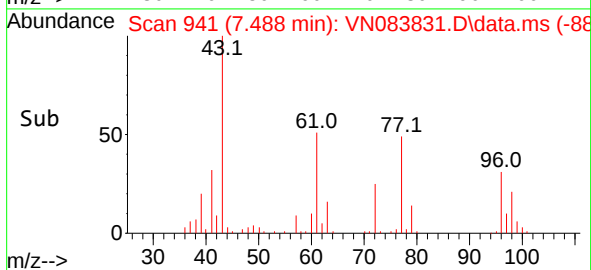
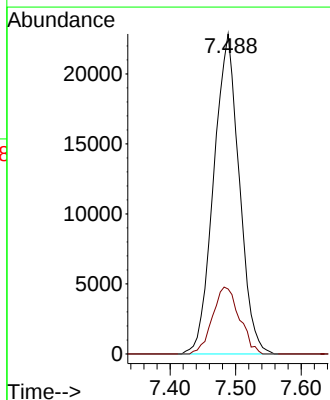
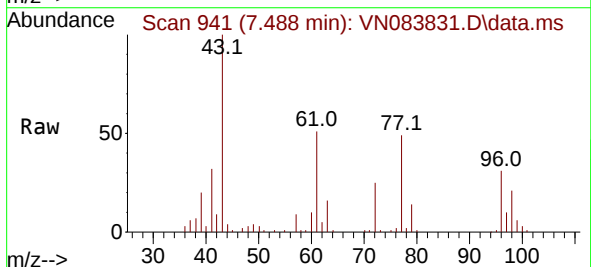
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 16.912 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion: 77 Resp: 61730
Ion Ratio Lower Upper
77 100
97 22.1 10.2 30.4





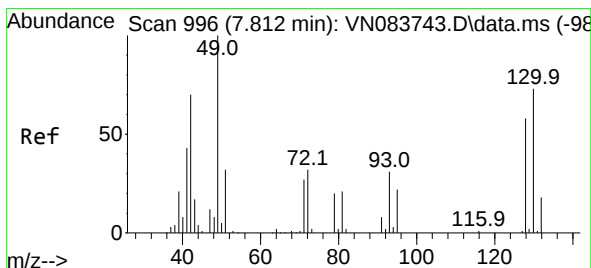
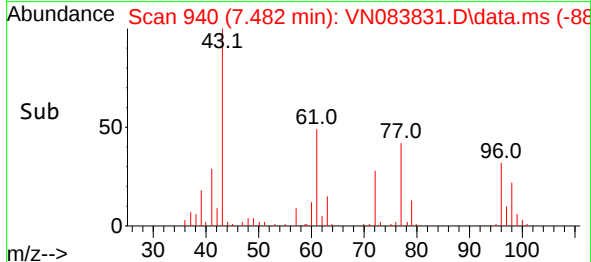
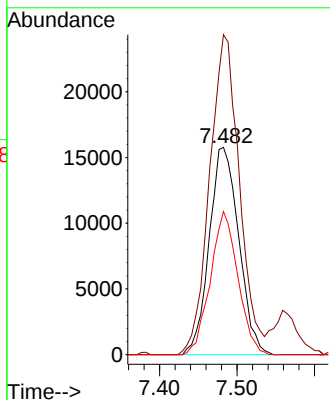
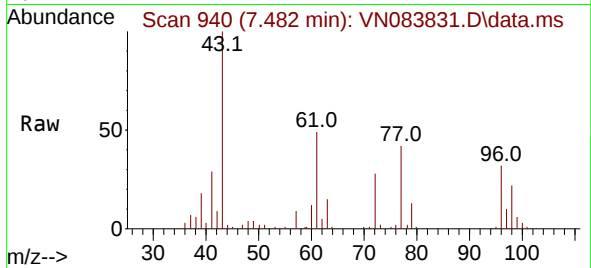
#27
 cis-1,2-Dichloroethene
 Concen: 17.535 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083831.D
 Acq: 12 Sep 2024 15:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Tgt Ion: 96 Resp: 4184
 Ion Ratio Lower Upper
 96 100
 61 155.3 0.0 306.2
 98 64.3 0.0 128.6

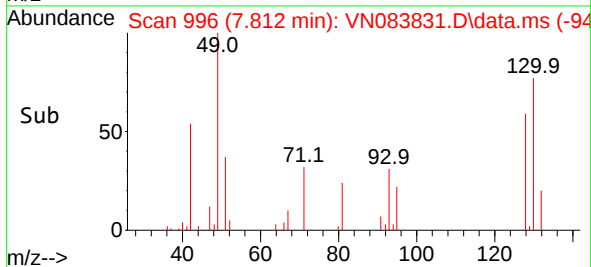
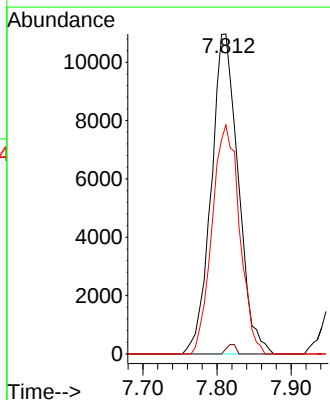
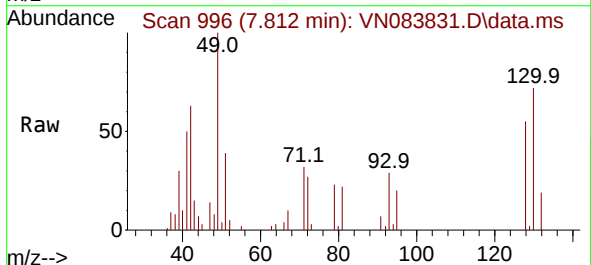
Manual Integrations
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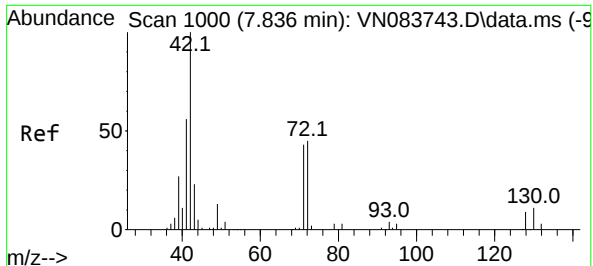
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#28
 Bromochloromethane
 Concen: 16.689 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083831.D
 Acq: 12 Sep 2024 15:05

Tgt Ion: 49 Resp: 27857
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.4
 130 72.4 60.2 90.2





#29

Tetrahydrofuran

Concen: 100.568 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

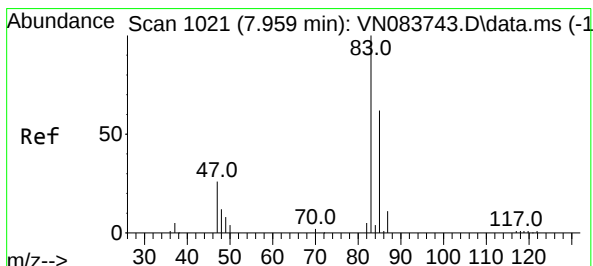
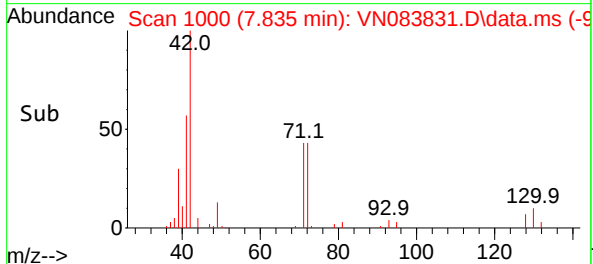
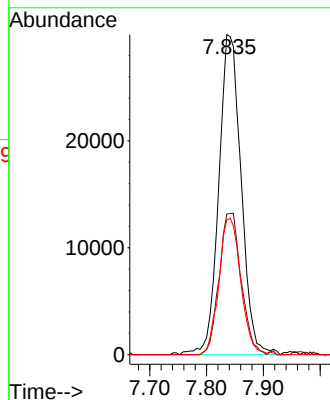
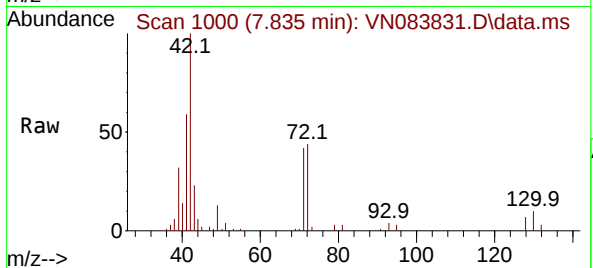
Tgt Ion:	42	Resp:	81924
Ion Ratio	Lower	Upper	
42	100		
72	43.5	35.9	53.9
71	41.7	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#30

Chloroform

Concen: 16.588 ug/l

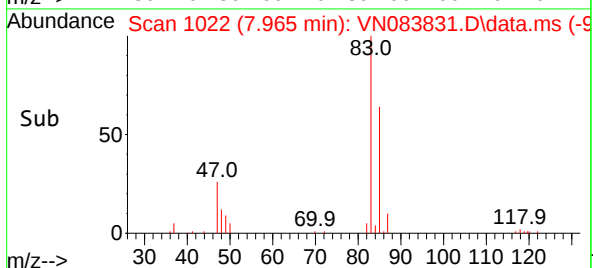
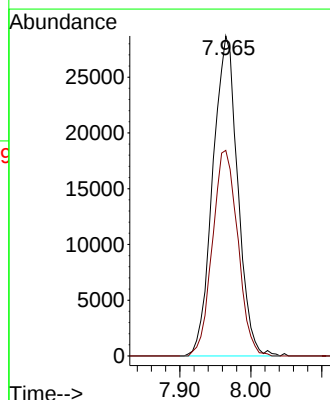
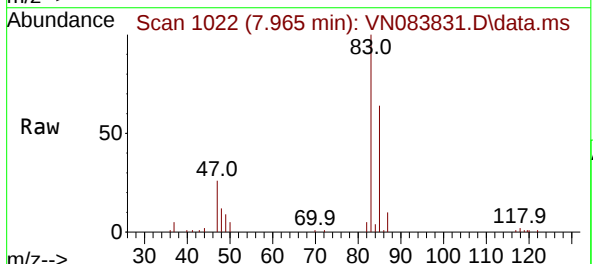
RT: 7.965 min Scan# 1022

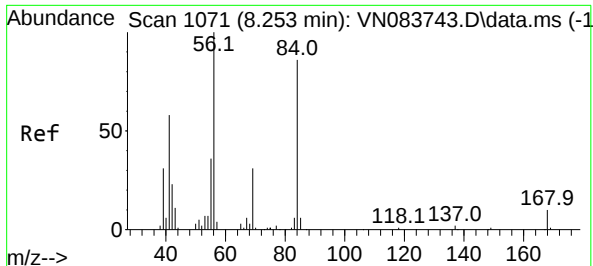
Delta R.T. 0.006 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

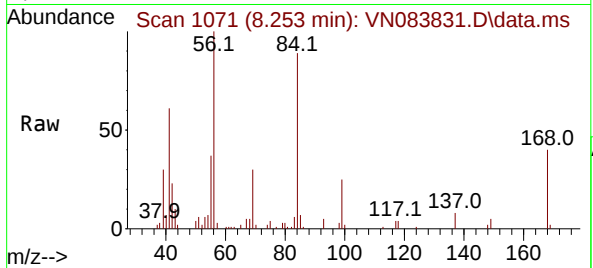
Tgt Ion:	83	Resp:	69802
Ion Ratio	Lower	Upper	
83	100		
85	64.2	52.8	79.2





#31
Cyclohexane
Concen: 16.013 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

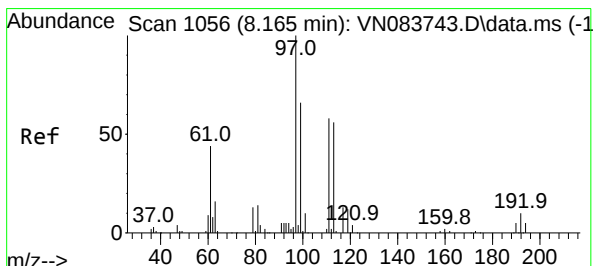
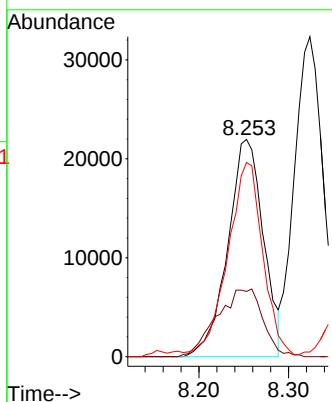
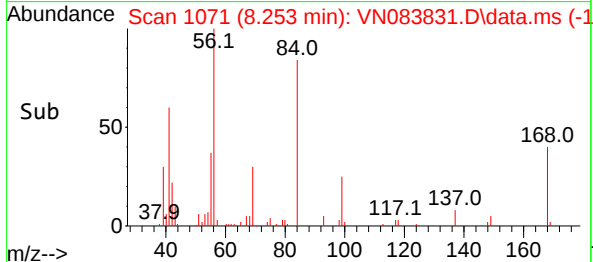
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



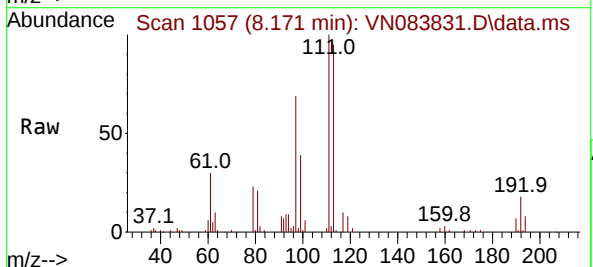
Tgt Ion: 56 Resp: 6051
Ion Ratio Lower Upper
56 100
69 30.0 26.9 40.3
84 86.8 69.2 103.8

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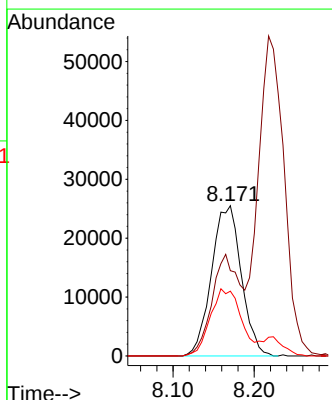
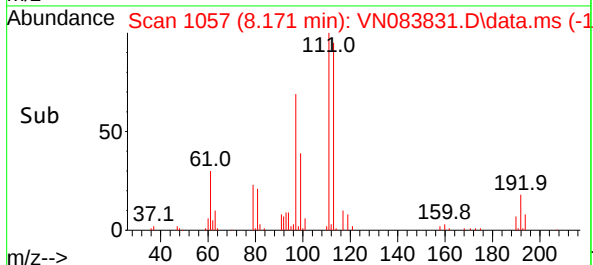
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

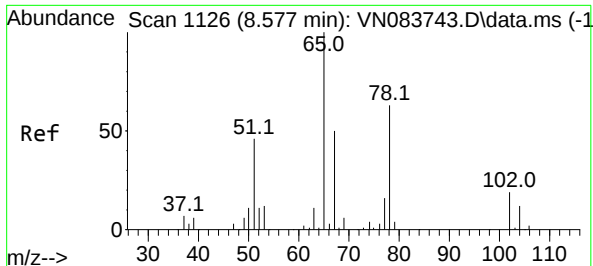


#32
1,1,1-Trichloroethane
Concen: 16.815 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05



Tgt Ion: 97 Resp: 65062
Ion Ratio Lower Upper
97 100
99 63.9 52.3 78.5
61 45.9 38.2 57.2





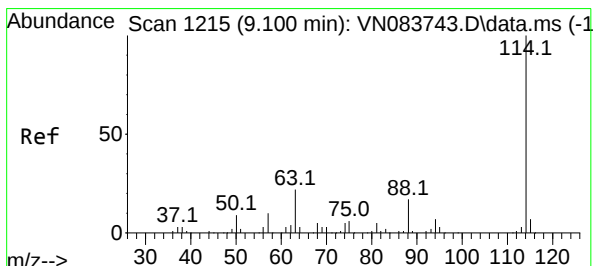
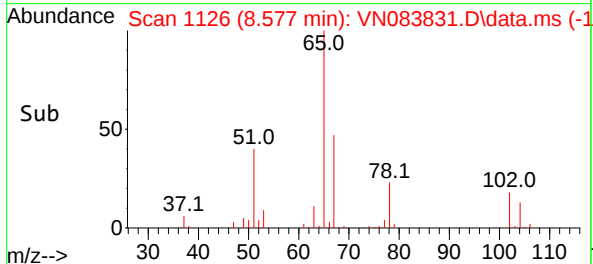
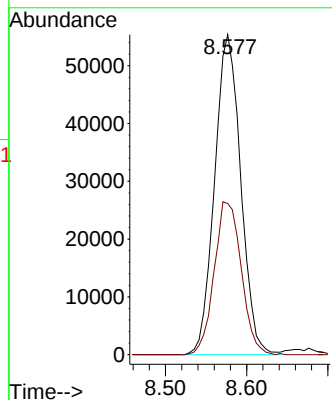
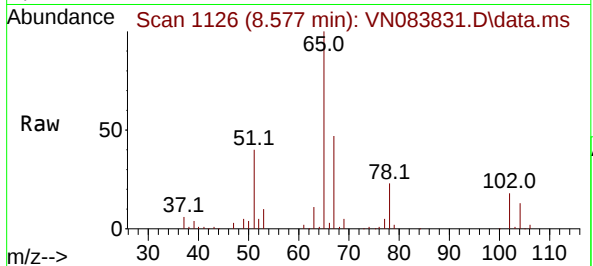
#33
1,2-Dichloroethane-d4
Concen: 47.396 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 65 Resp: 123929
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8

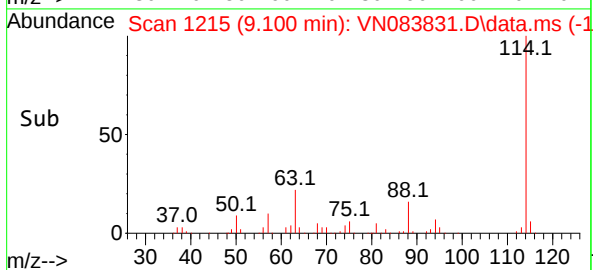
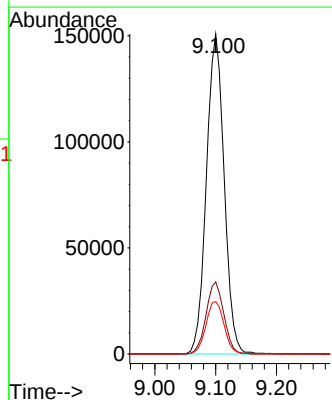
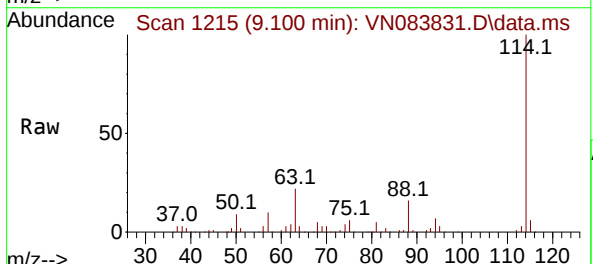
Manual Integrations
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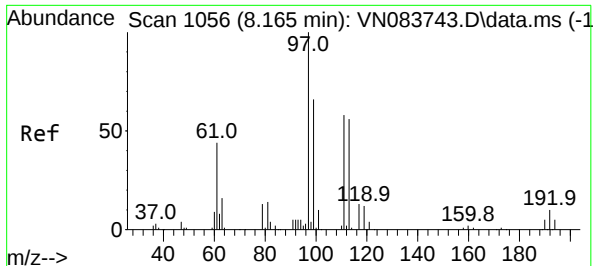
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

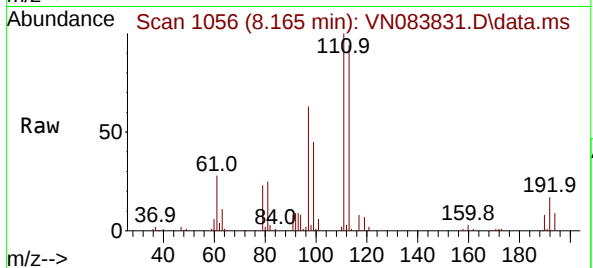
Tgt Ion:114 Resp: 305825
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.4
88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 46.163 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

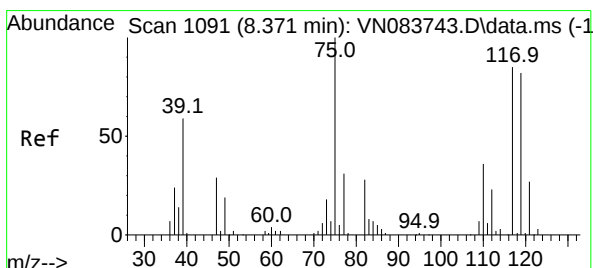
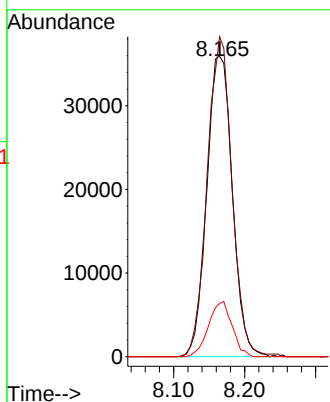
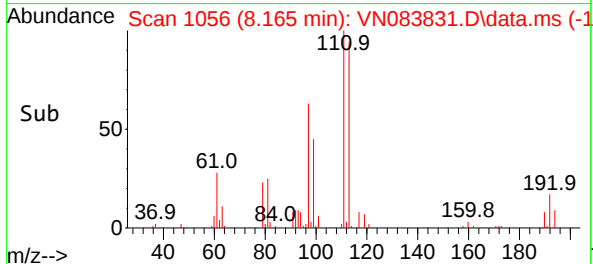
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



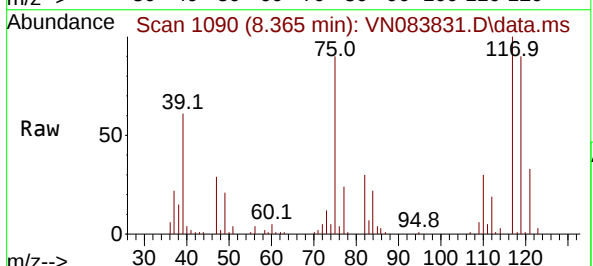
Tgt Ion:113 Resp: 9038
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 16.9 14.3 21.5

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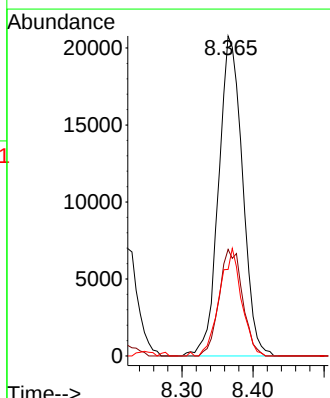
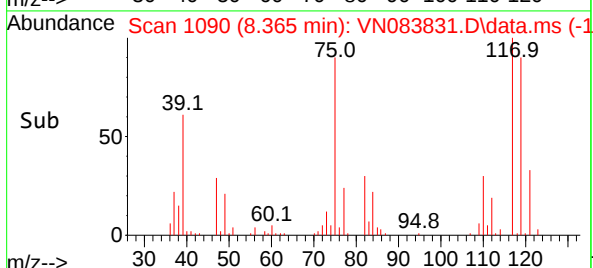
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

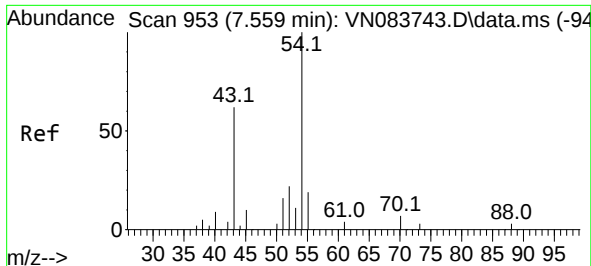


#36
1,1-Dichloropropene
Concen: 16.424 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05



Tgt Ion: 75 Resp: 48398
Ion Ratio Lower Upper
75 100
110 32.7 16.7 50.1
77 31.1 25.2 37.8





#37

Ethyl Acetate

Concen: 19.862 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

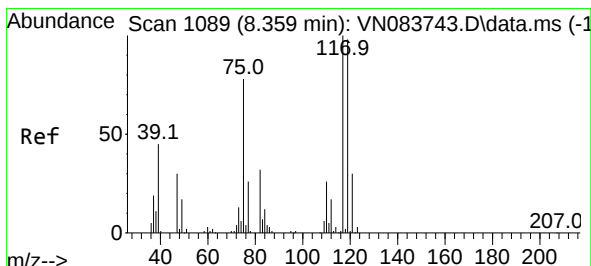
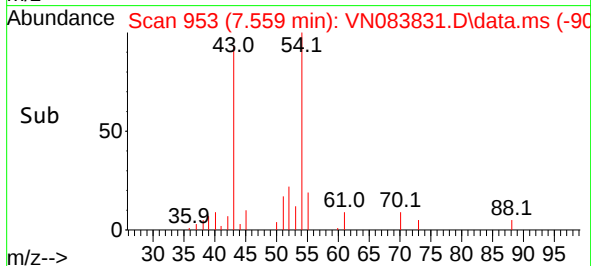
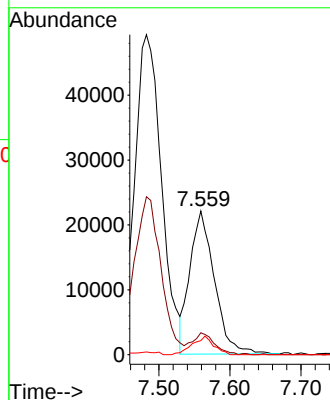
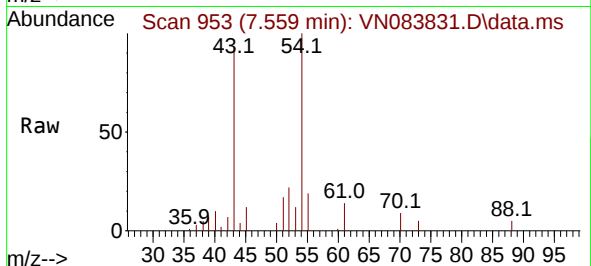
Tgt Ion: 43	Resp: 53129
Ion Ratio	Lower Upper
43	100
61	13.7 11.1 16.7
70	11.2 8.8 13.2

Manual Integrations

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Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#38

Carbon Tetrachloride

Concen: 17.030 ug/l

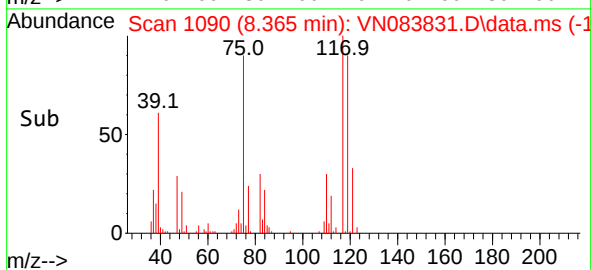
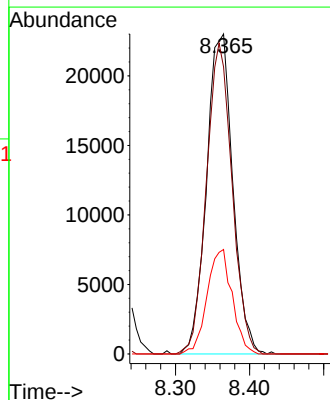
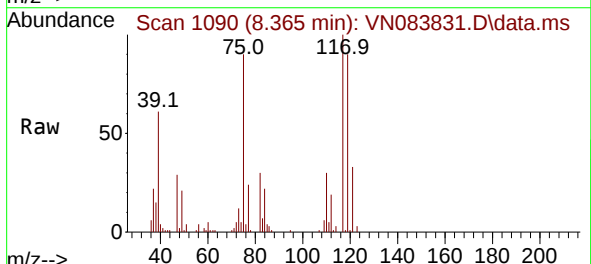
RT: 8.365 min Scan# 1090

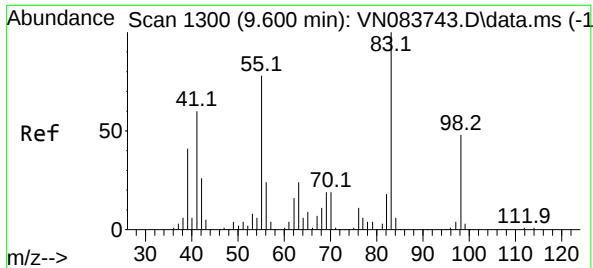
Delta R.T. 0.006 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

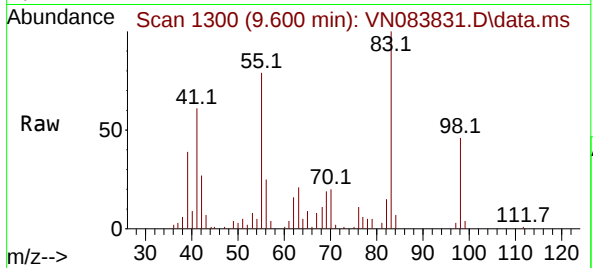
Tgt Ion:117	Resp: 56934
Ion Ratio	Lower Upper
117	100
119	89.7 76.1 114.1
121	32.7 24.1 36.1





#39
Methylcyclohexane
Concen: 15.725 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

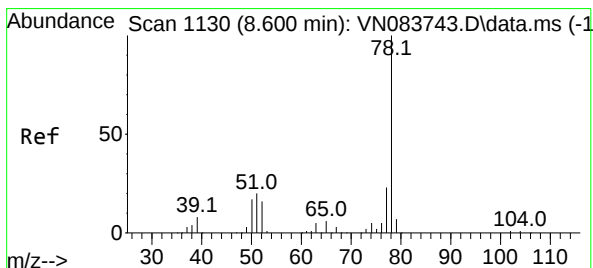
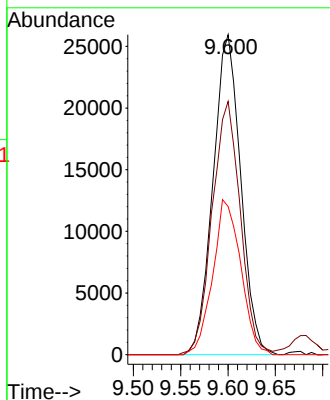
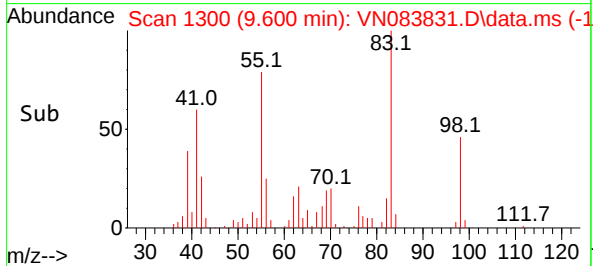
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 83 Resp: 5274
Ion Ratio Lower Upper
83 100
55 79.1 62.2 93.4
98 46.3 37.6 56.4

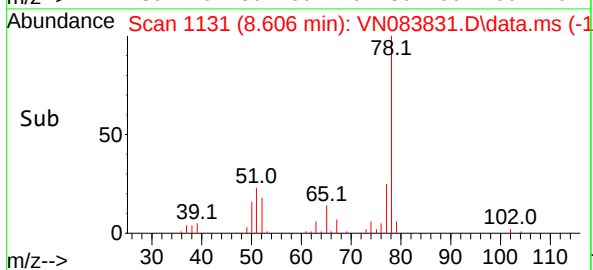
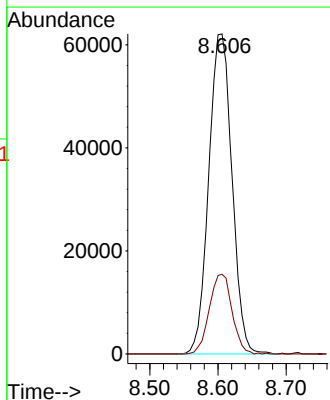
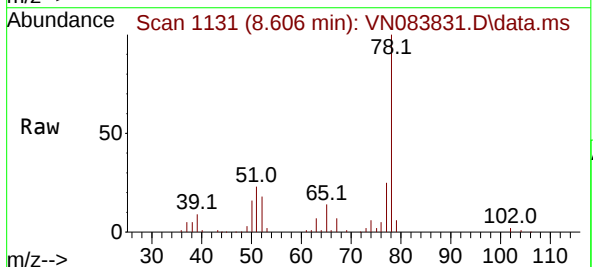
Manual Integrations
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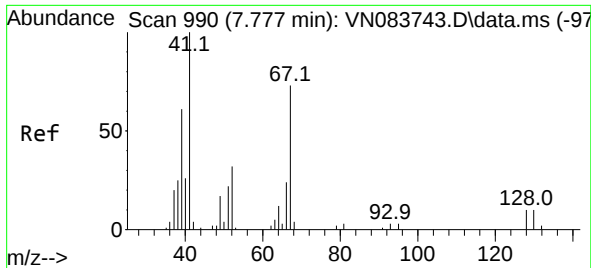
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#40
Benzene
Concen: 16.611 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion: 78 Resp: 147337
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.6





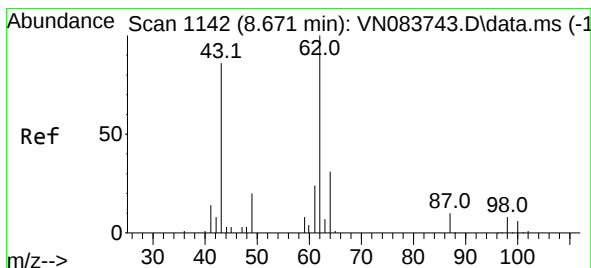
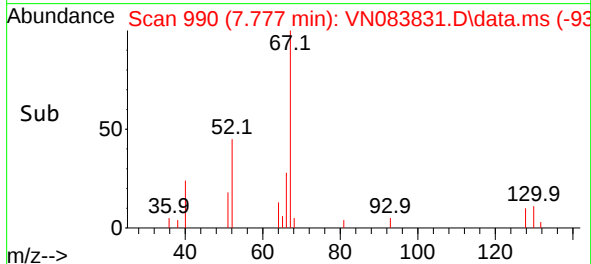
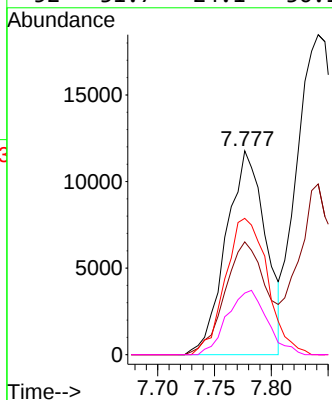
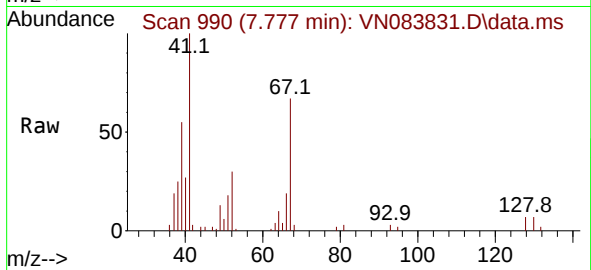
#41
Methacrylonitrile
Concen: 18.075 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:	41	Resp:	2859
Ion Ratio	100	Lower	Upper
39	58.0	45.4	68.2
67	70.9	55.9	83.9
52	31.7	24.1	36.1

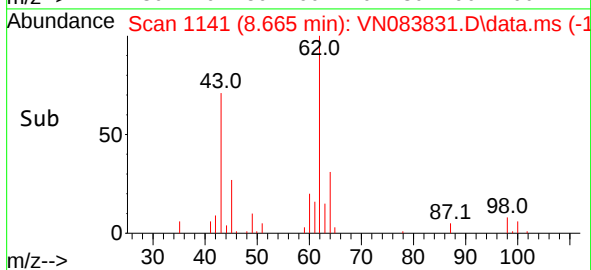
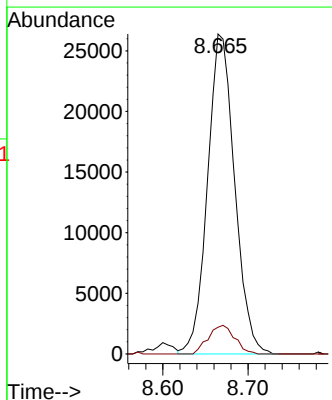
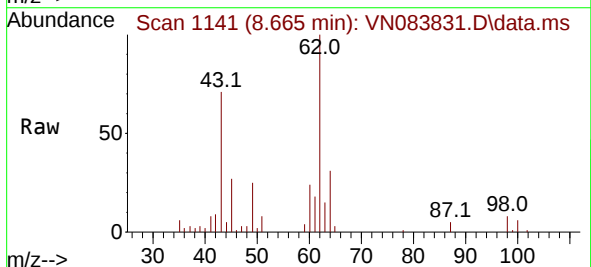
Manual Integrations
APPROVED

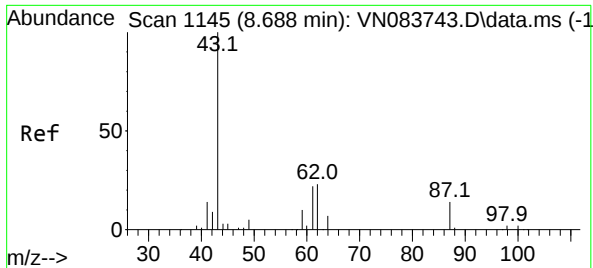
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#42
1,2-Dichloroethane
Concen: 17.627 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion:	62	Resp:	58422
Ion Ratio	100	Lower	Upper
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 30.818 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 43 Resp: 14938

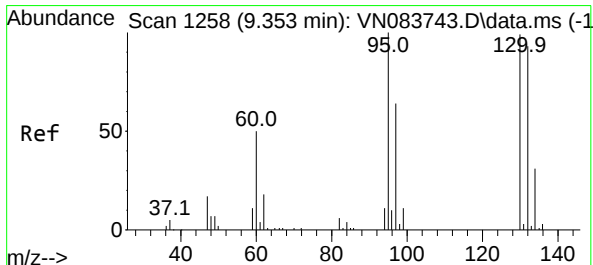
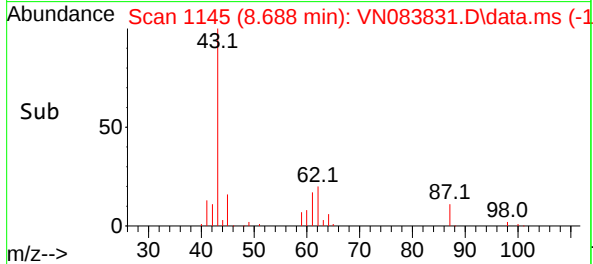
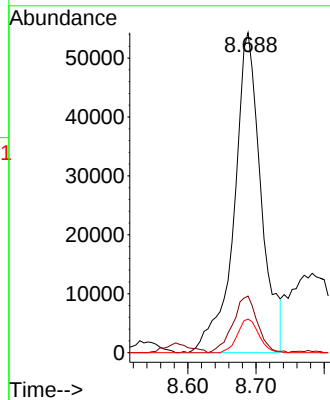
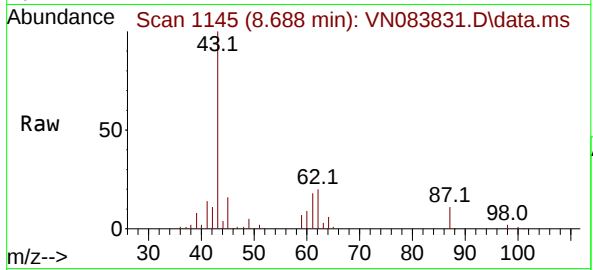
Ion	Ratio	Lower	Upper
43	100		
61	16.1	19.4	29.0
87	8.3	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#44

Trichloroethene

Concen: 16.677 ug/l

RT: 9.347 min Scan# 1257

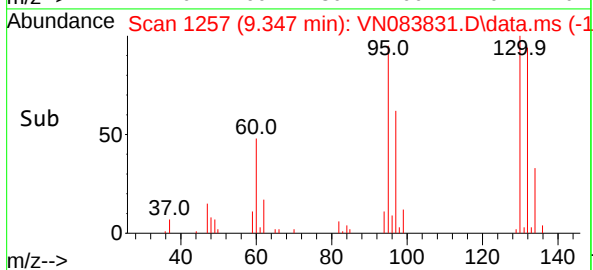
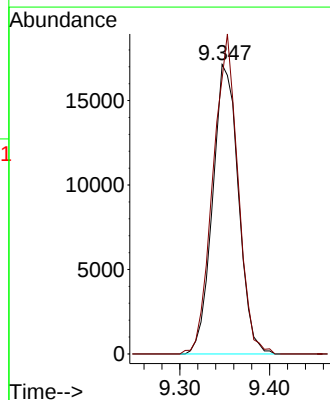
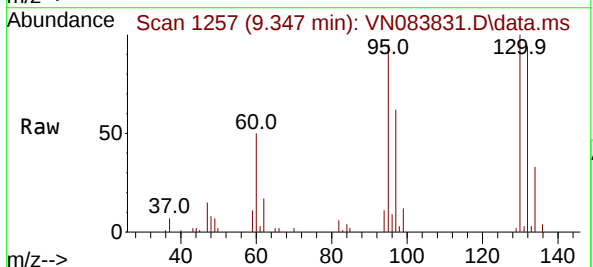
Delta R.T. -0.006 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

Tgt Ion:130 Resp: 34255

Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	200.4





#45

1,2-Dichloropropane

Concen: 17.438 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 63 Resp: 3738

Ion Ratio Lower Upper

63 100

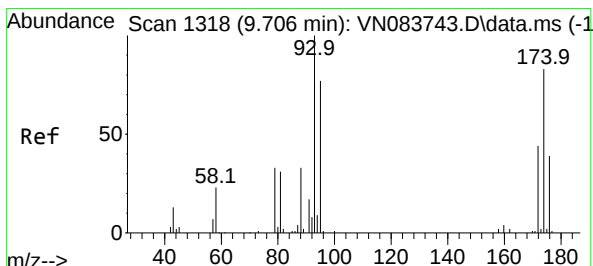
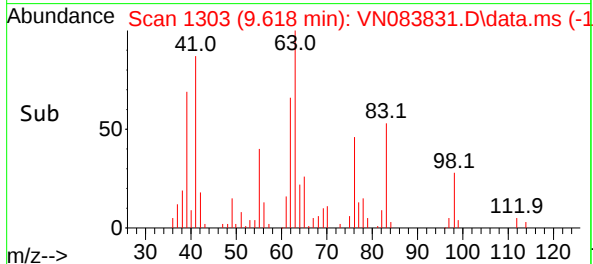
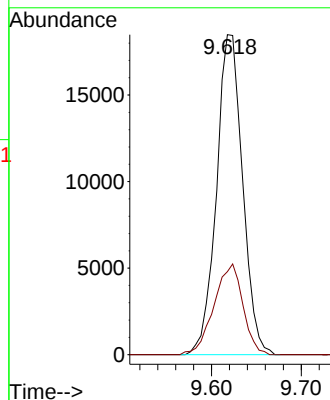
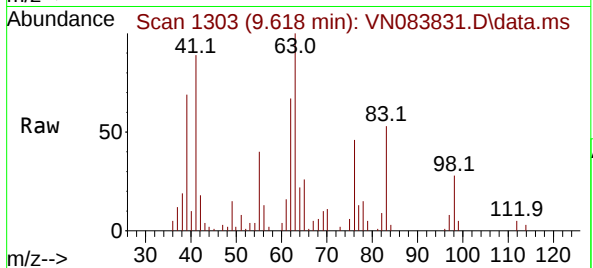
65 26.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#46

Dibromomethane

Concen: 17.247 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

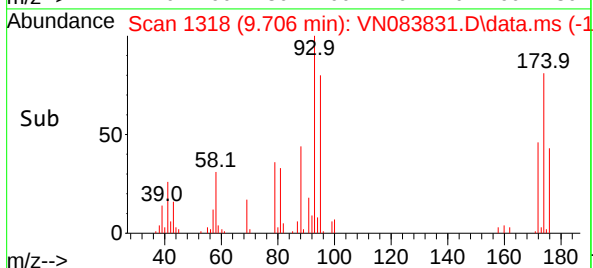
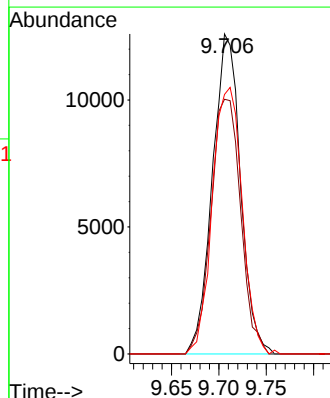
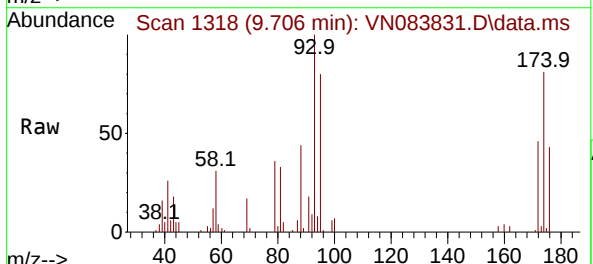
Tgt Ion: 93 Resp: 25897

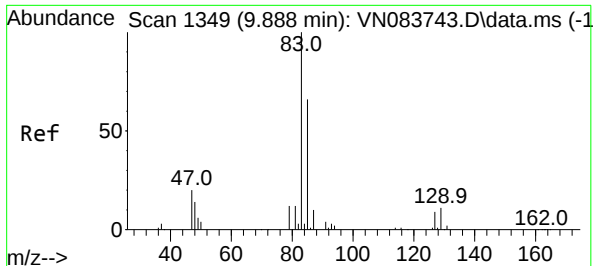
Ion Ratio Lower Upper

93 100

95 84.4 65.3 97.9

174 88.7 71.0 106.4





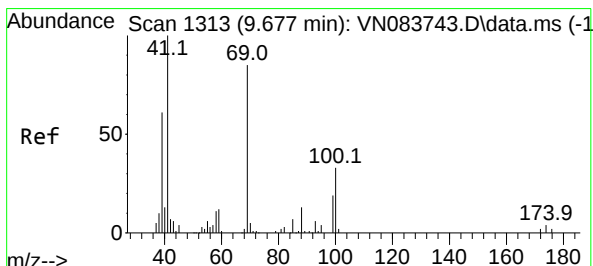
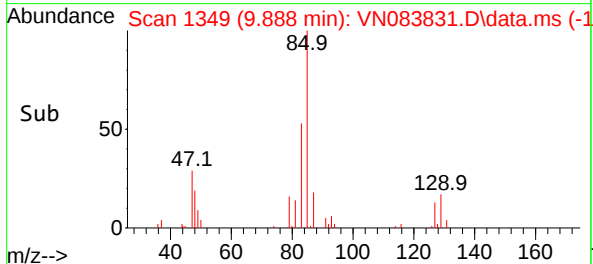
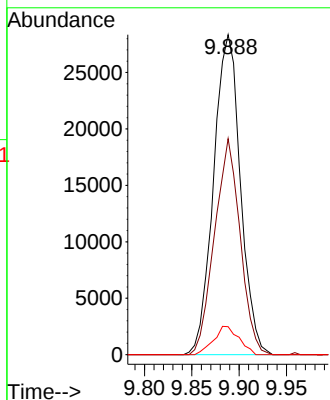
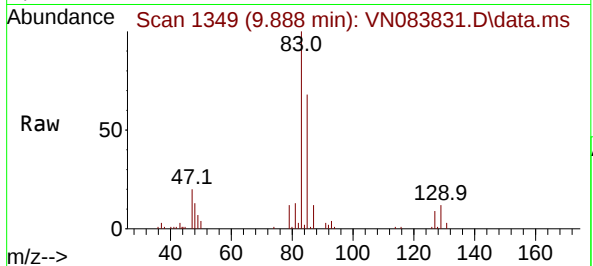
#47
Bromodichloromethane
Concen: 17.220 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 83 Resp: 55958
Ion Ratio Lower Upper
83 100
85 67.5 51.8 77.8
127 8.7 6.6 9.8

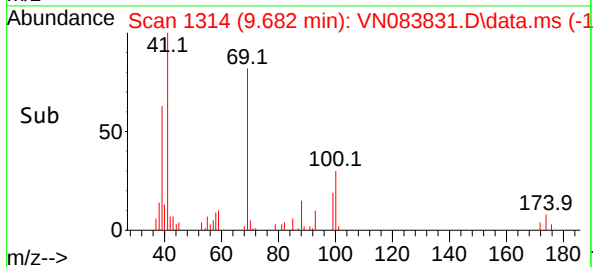
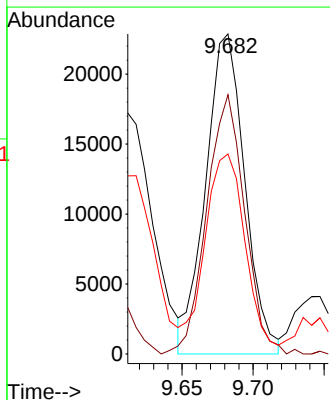
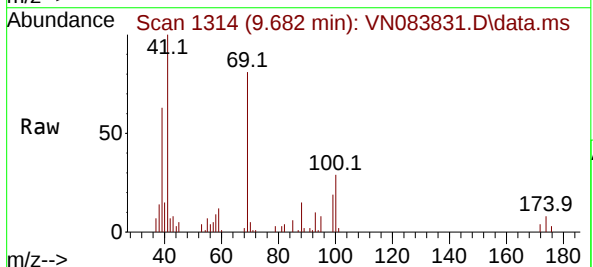
Manual Integrations
APPROVED

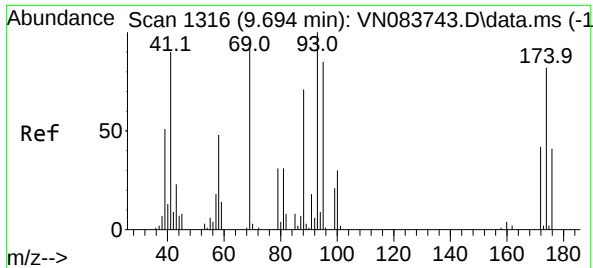
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#48
Methyl methacrylate
Concen: 19.063 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion: 41 Resp: 43839
Ion Ratio Lower Upper
41 100
69 78.7 64.3 96.5
39 65.0 48.9 73.3





#49

1,4-Dioxane

Concen: 357.848 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 88 Resp: 1353

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

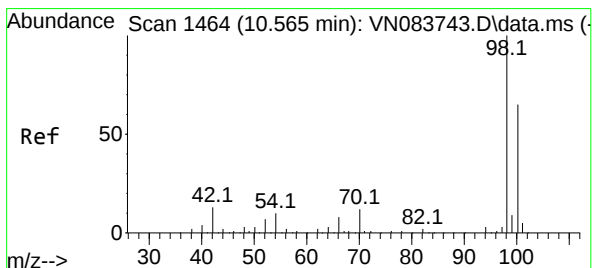
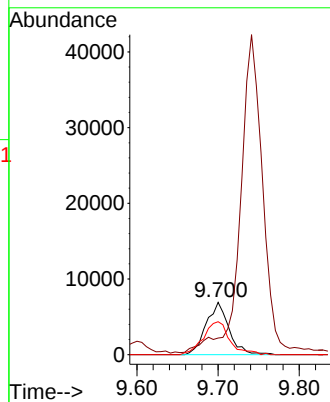
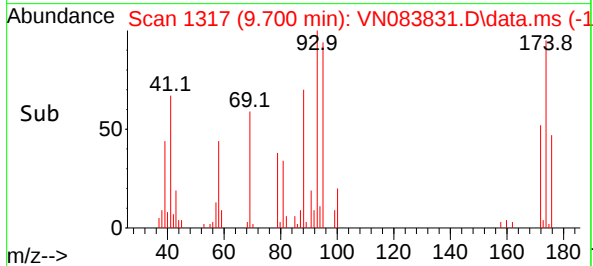
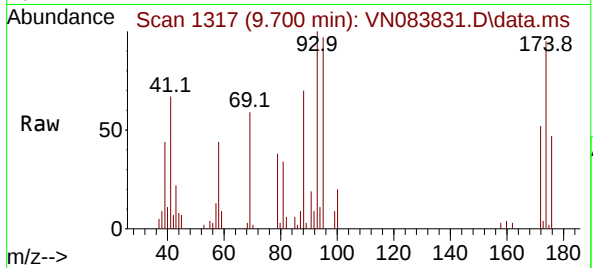
58 72.6 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#50

Toluene-d8

Concen: 47.748 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083831.D

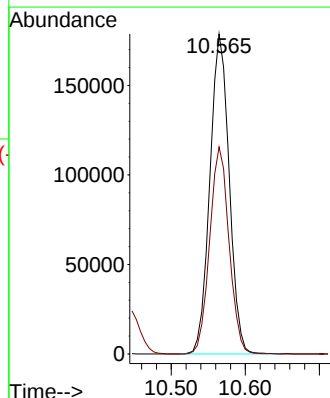
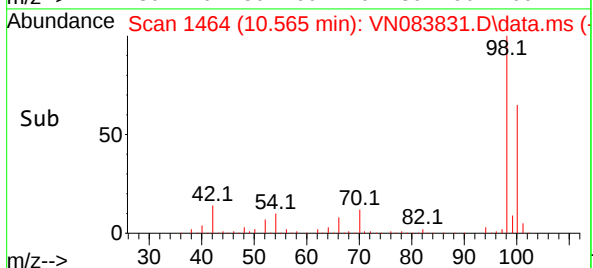
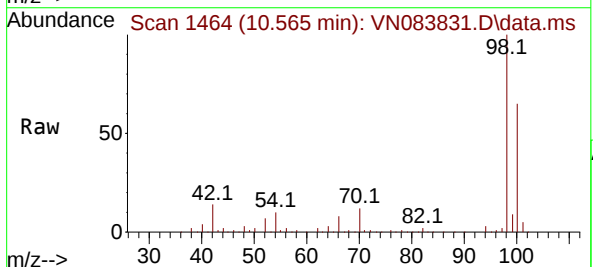
Acq: 12 Sep 2024 15:05

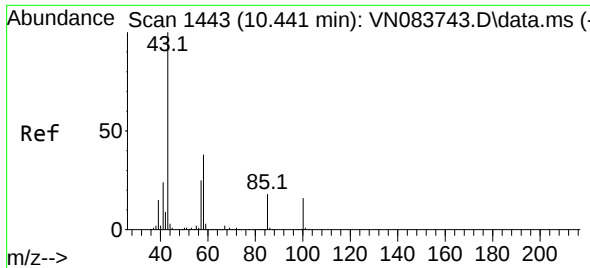
Tgt Ion: 98 Resp: 323178

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





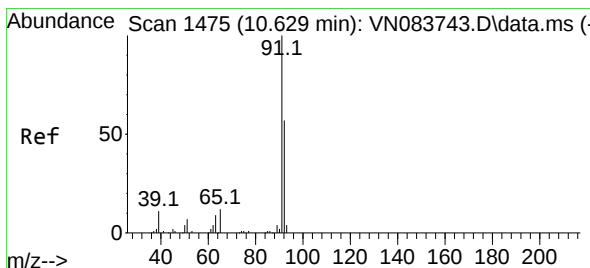
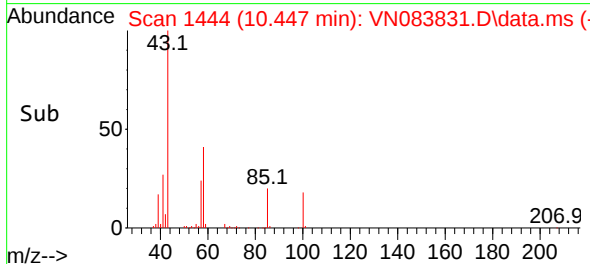
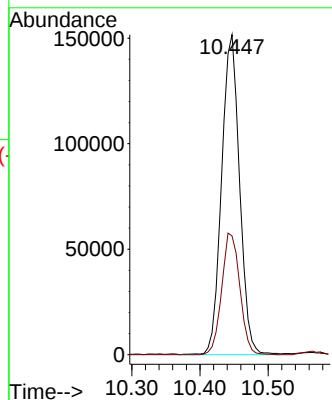
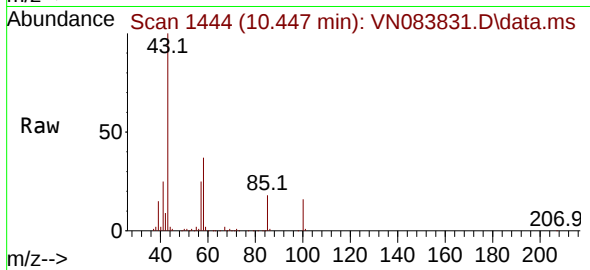
#51
4-Methyl-2-Pentanone
Concen: 105.555 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 43 Resp: 278510
Ion Ratio Lower Upper
43 100
58 38.3 31.6 47.4

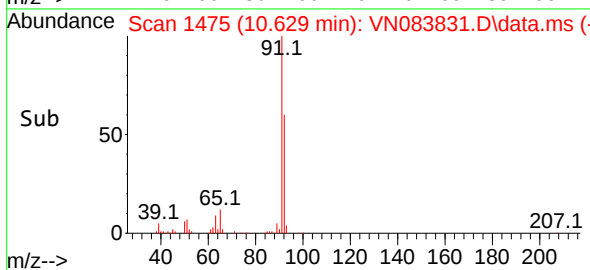
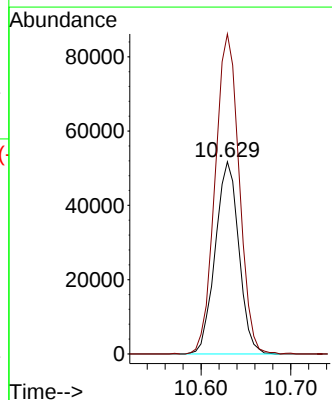
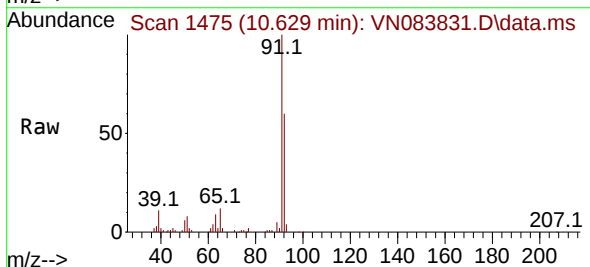
Manual Integrations
APPROVED

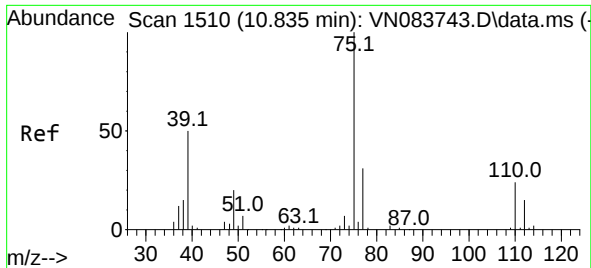
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#52
Toluene
Concen: 17.372 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

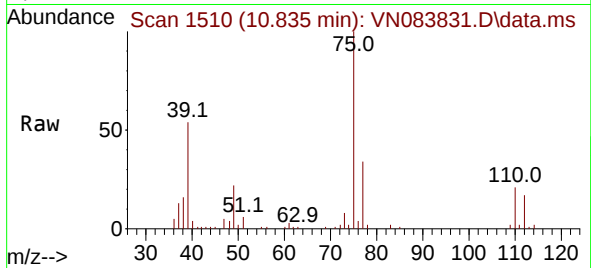
Tgt Ion: 92 Resp: 94248
Ion Ratio Lower Upper
92 100
91 170.1 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 17.280 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

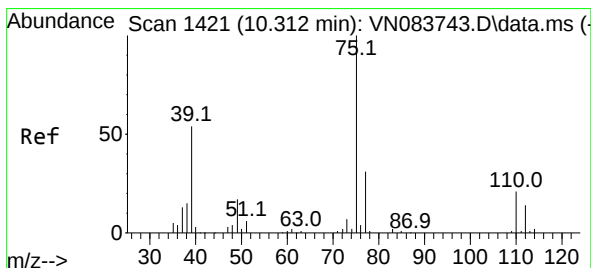
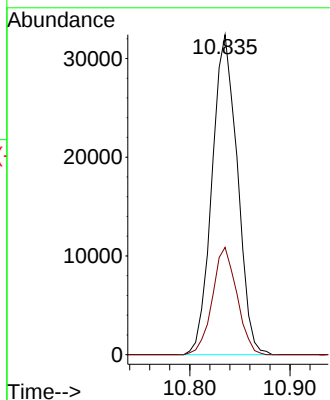
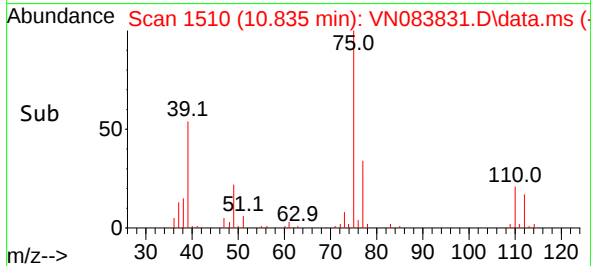
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 75 Resp: 56920
Ion Ratio Lower Upper
75 100
77 33.5 25.8 38.6

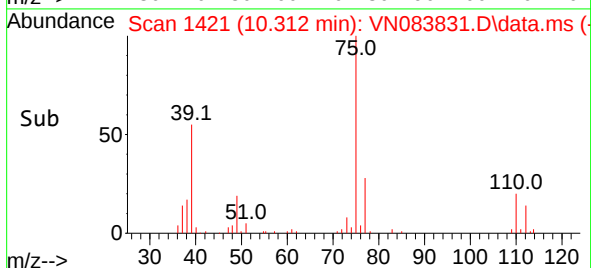
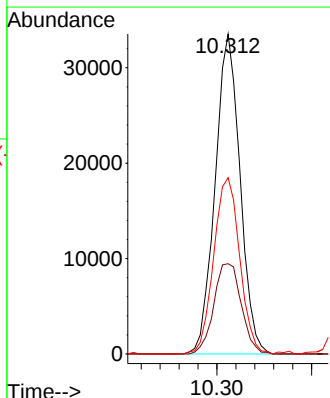
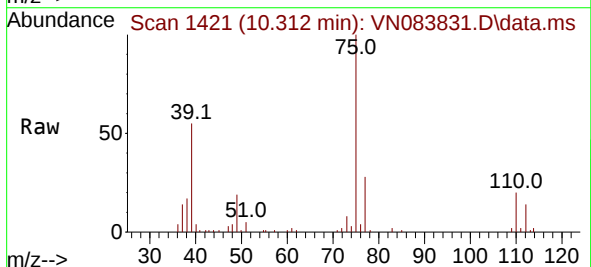
Manual Integrations
APPROVED

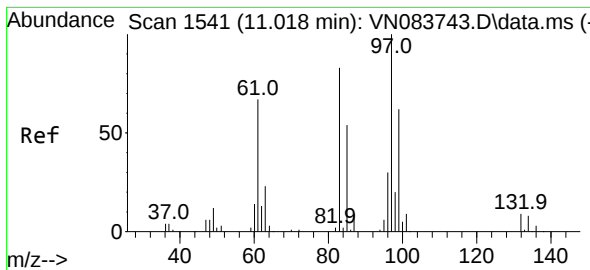
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#54
cis-1,3-Dichloropropene
Concen: 17.716 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

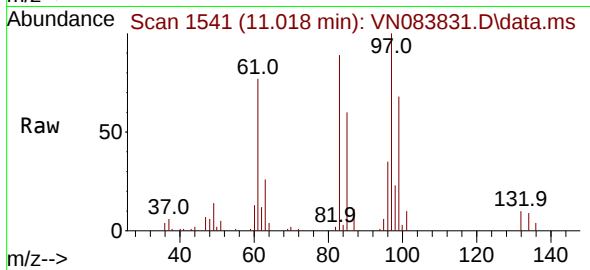
Tgt Ion: 75 Resp: 61299
Ion Ratio Lower Upper
75 100
77 28.2 25.0 37.6
39 55.1 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 17.103 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

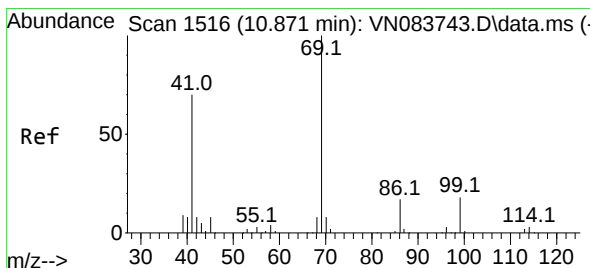
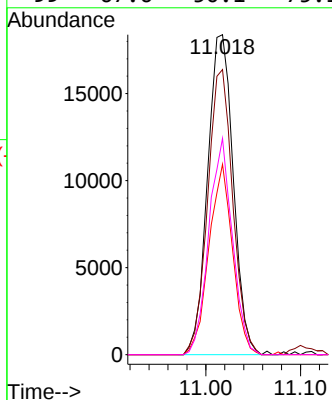
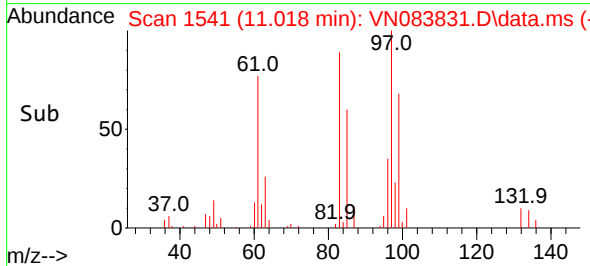
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



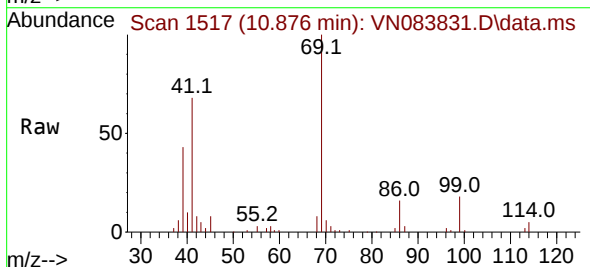
Tgt Ion:	97	Resp:	34640
Ion Ratio	100	Lower	Upper
97	100		
83	89.1	67.5	101.3
85	59.5	44.2	66.2
99	67.6	50.1	75.1

Manual Integrations
APPROVED

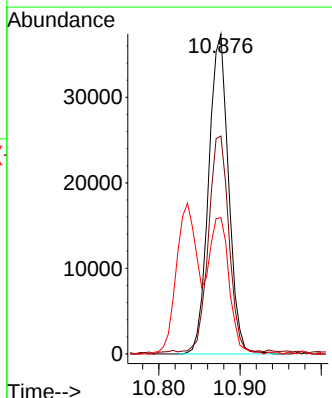
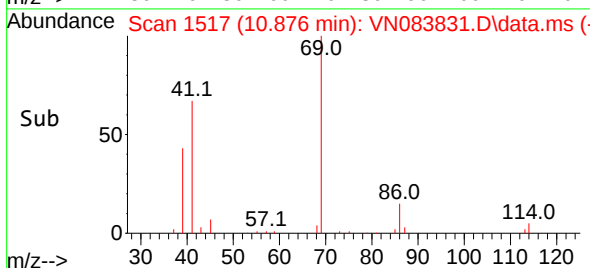
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

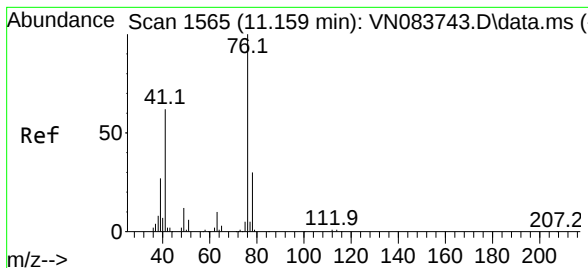


#56
Ethyl methacrylate
Concen: 20.402 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05



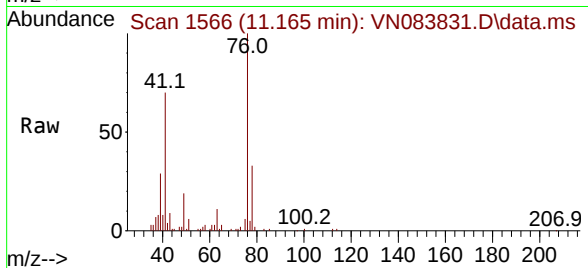
Tgt Ion:	69	Resp:	63578
Ion Ratio	100	Lower	Upper
69	100		
41	68.8	53.9	80.9
39	44.2	32.6	48.8





#57
1,3-Dichloropropane
Concen: 17.435 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

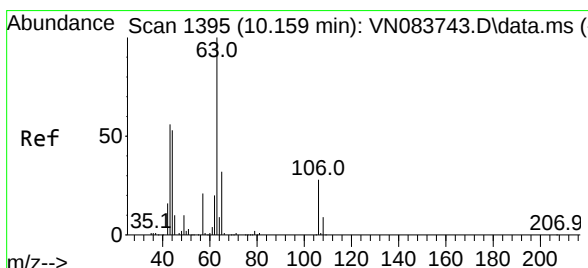
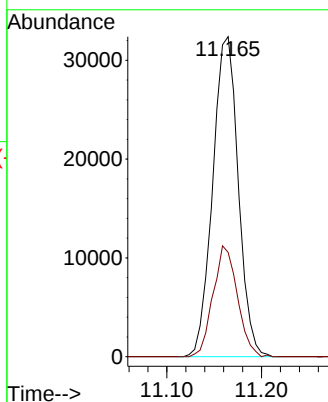
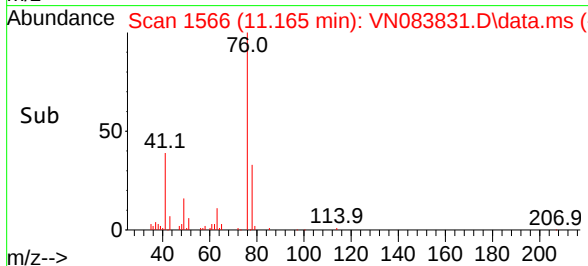
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 76 Resp: 60694
Ion Ratio Lower Upper
76 100
78 33.0 25.8 38.6

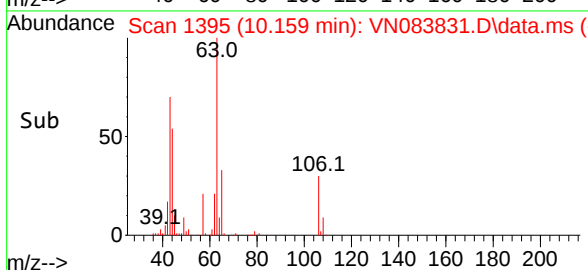
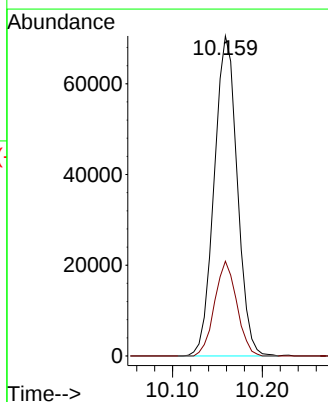
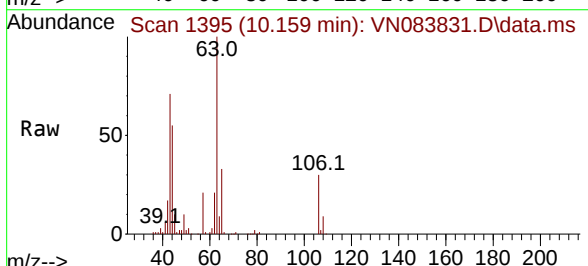
Manual Integrations
APPROVED

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



#58
2-Chloroethyl Vinyl ether
Concen: 112.011 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion: 63 Resp: 125770
Ion Ratio Lower Upper
63 100
106 28.5 23.3 34.9





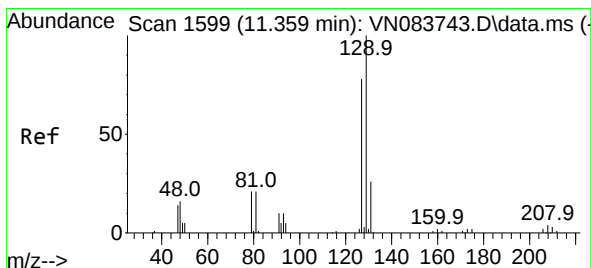
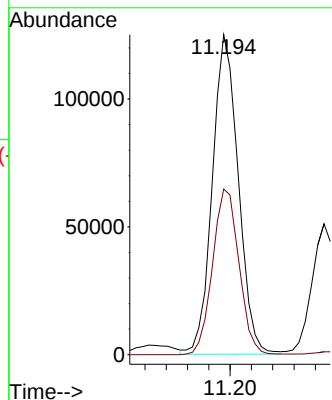
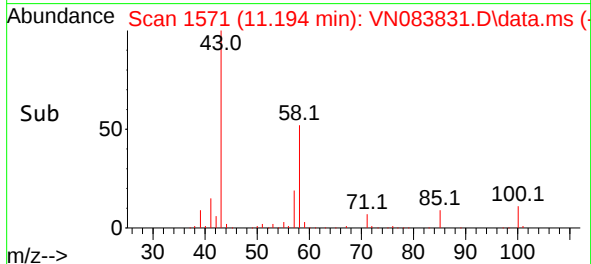
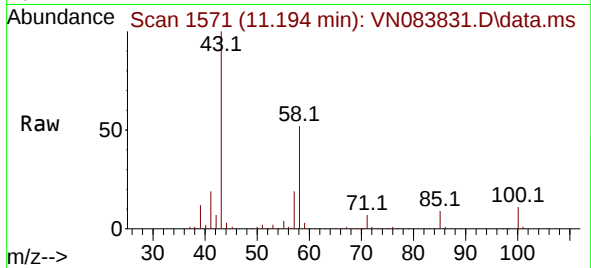
#59
2-Hexanone
Concen: 108.295 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 43 Resp: 21137
Ion Ratio Lower Upper
43 100
58 52.8 27.2 81.5

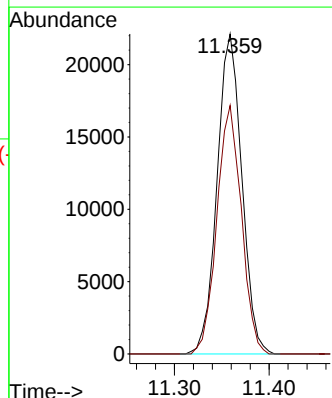
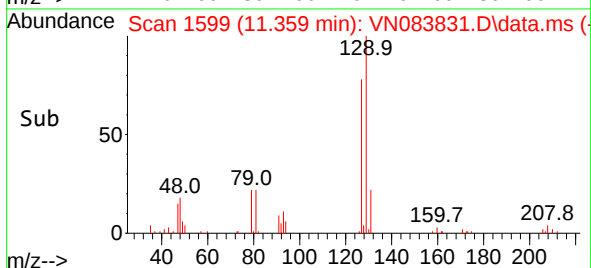
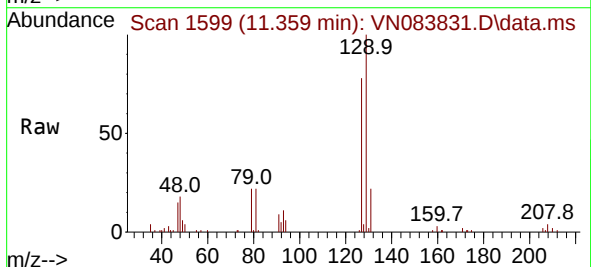
Manual Integrations
APPROVED

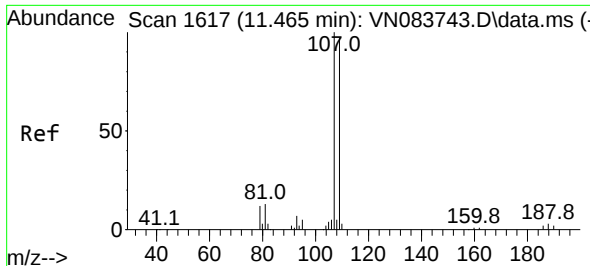
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#60
Dibromochloromethane
Concen: 17.735 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion:129 Resp: 40200
Ion Ratio Lower Upper
129 100
127 76.9 39.0 116.9





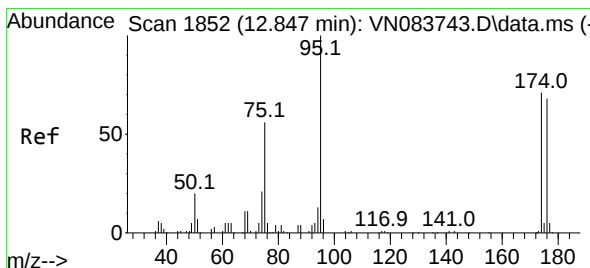
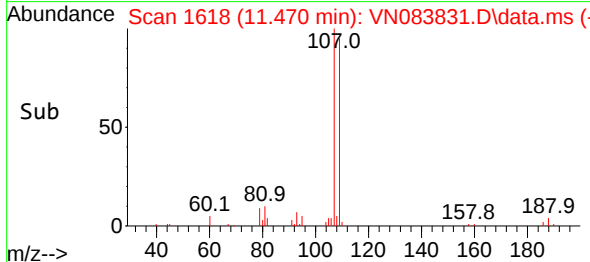
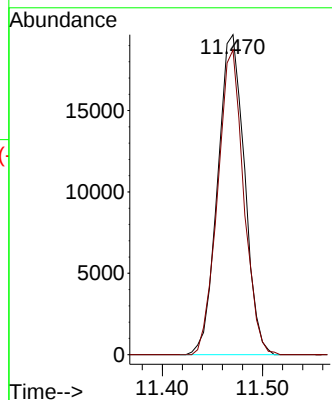
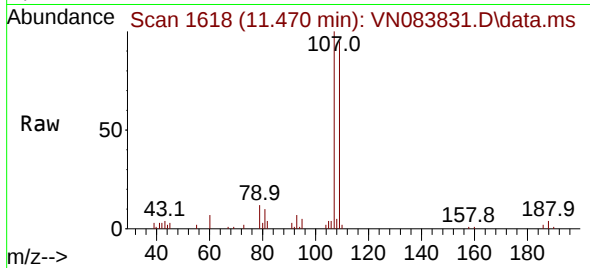
#61
1,2-Dibromoethane
Concen: 18.089 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:107 Resp: 36539
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4

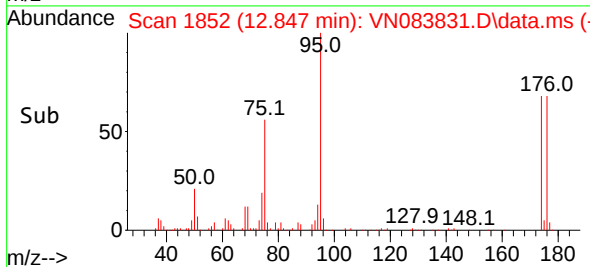
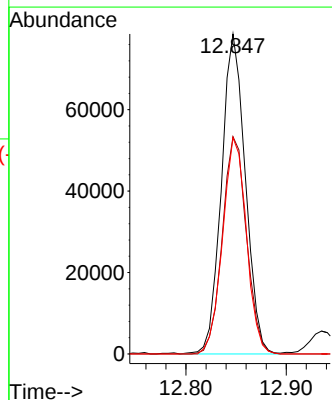
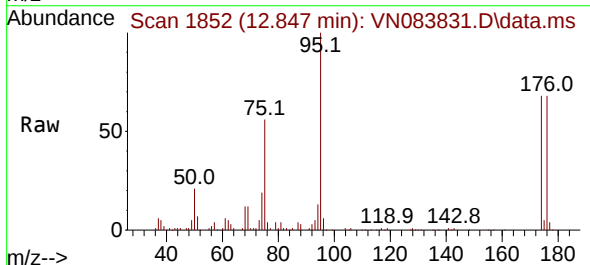
Manual Integrations
APPROVED

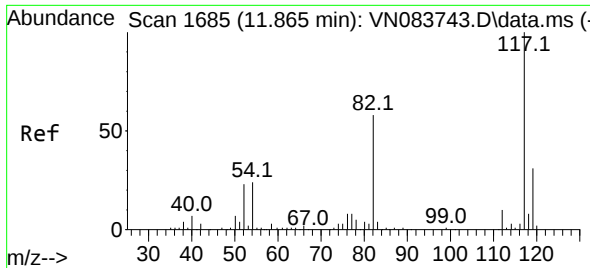
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#62
4-Bromofluorobenzene
Concen: 46.574 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

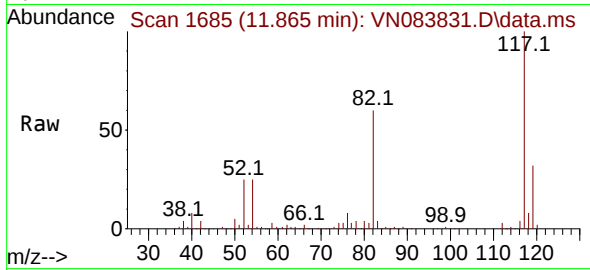
Tgt Ion: 95 Resp: 130056
Ion Ratio Lower Upper
95 100
174 68.8 0.0 139.8
176 67.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

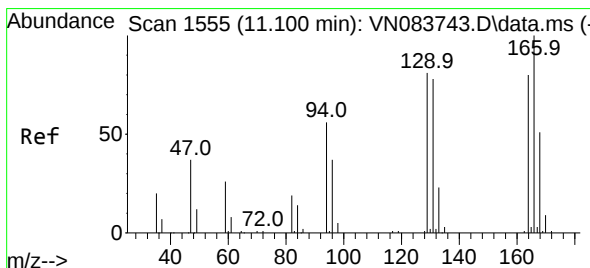
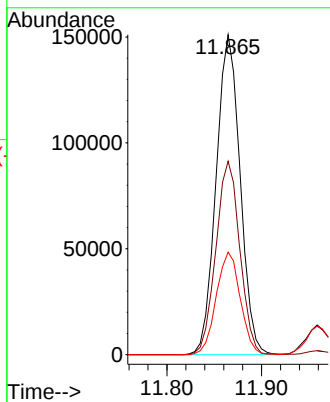
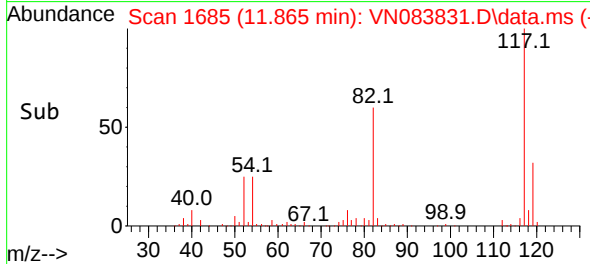
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



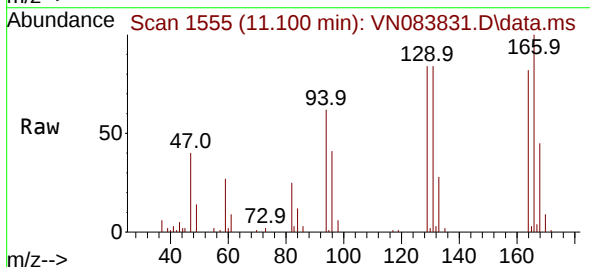
Tgt Ion:117 Resp: 26624
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.0
119 32.0 26.3 39.5

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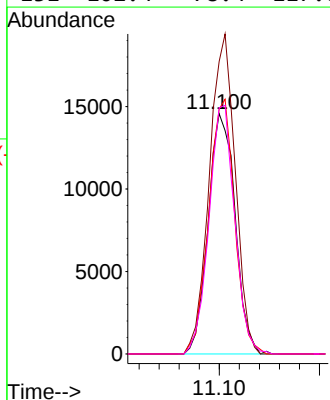
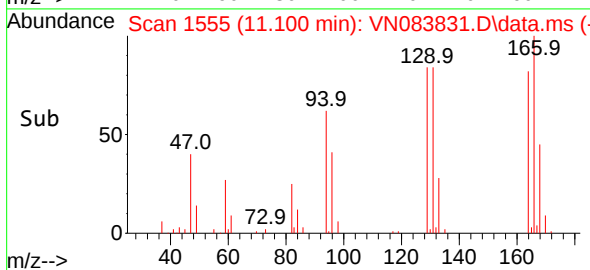
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

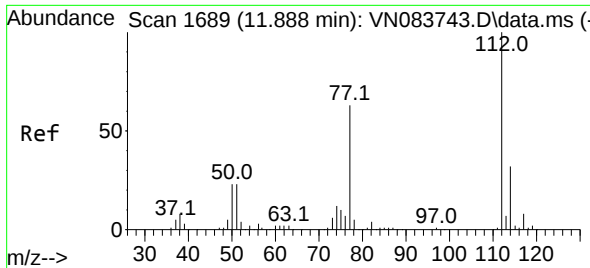


#64
Tetrachloroethene
Concen: 15.355 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05



Tgt Ion:164 Resp: 27187
Ion Ratio Lower Upper
164 100
166 121.7 103.7 155.5
129 101.8 79.9 119.9
131 102.4 78.4 117.6





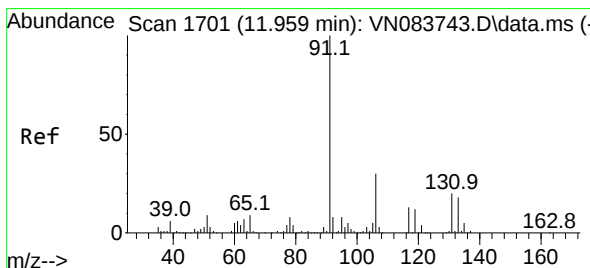
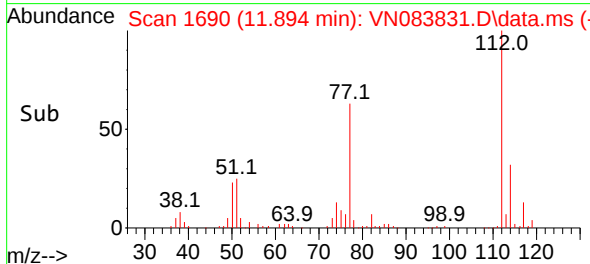
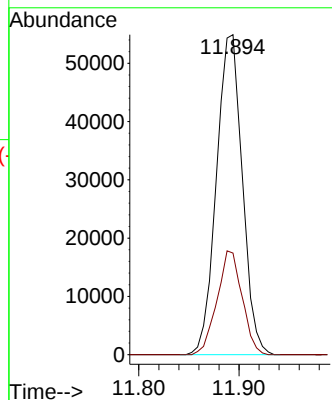
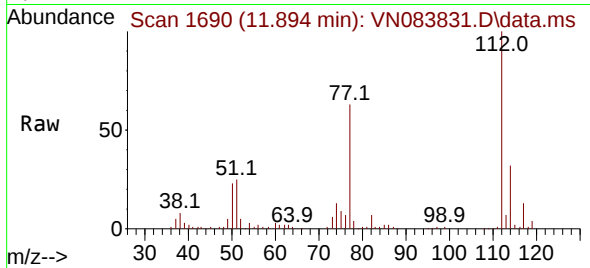
#65
Chlorobenzene
Concen: 16.630 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:112 Resp: 98400
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

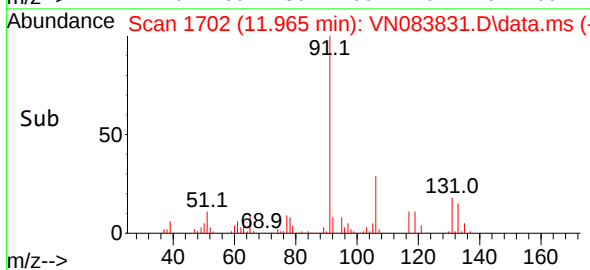
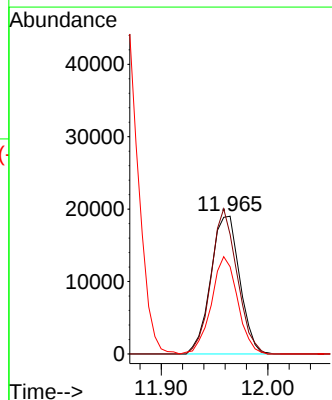
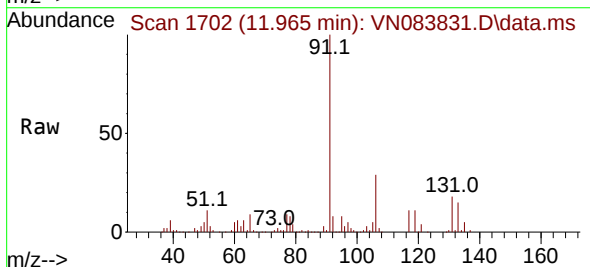
Manual Integrations
APPROVED

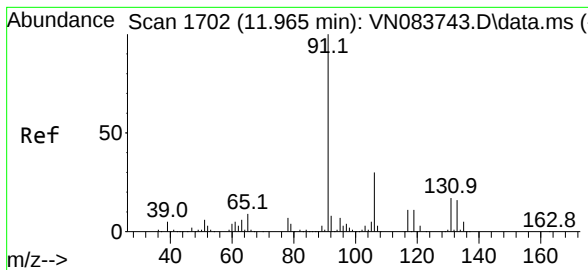
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 17.542 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

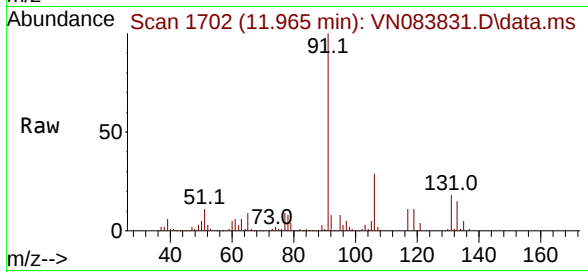
Tgt Ion:131 Resp: 35986
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.6
119 64.0 31.6 94.8





#67
Ethyl Benzene
Concen: 17.180 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

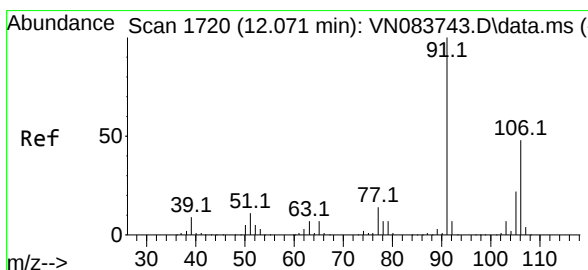
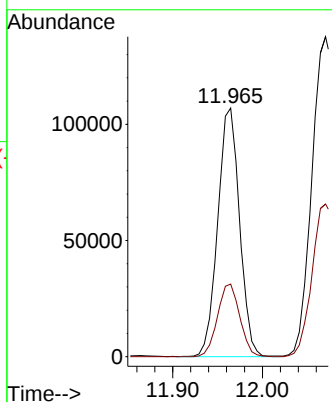
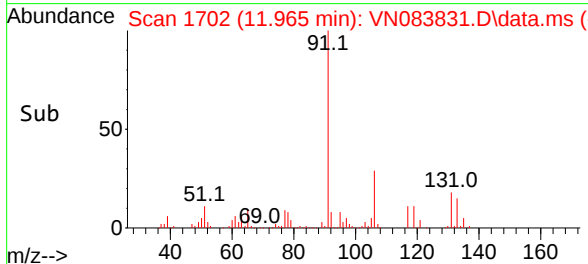
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



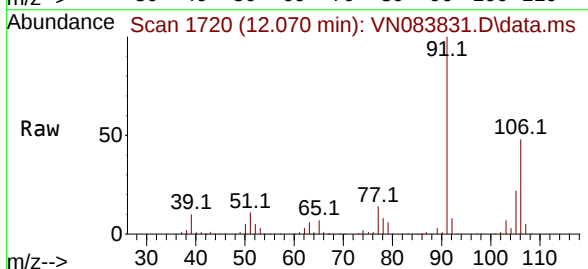
Tgt Ion: 91 Resp: 180594
Ion Ratio Lower Upper
91 100
106 29.2 24.3 36.5

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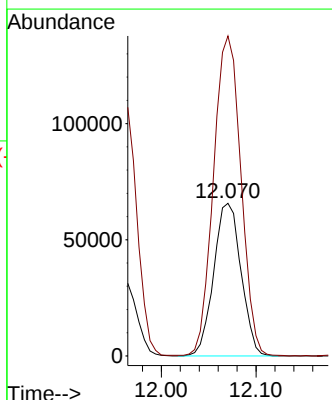
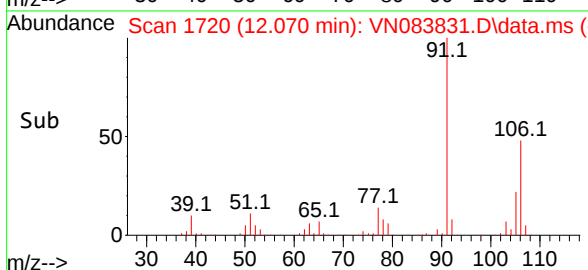
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

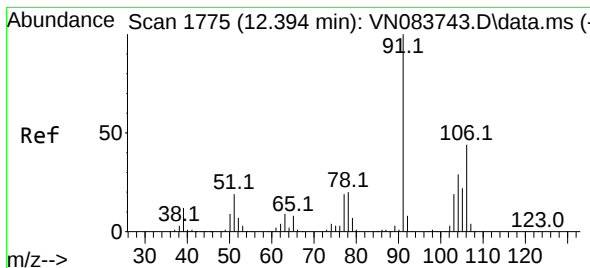


#68
m/p-Xylenes
Concen: 33.736 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05



Tgt Ion:106 Resp: 131658
Ion Ratio Lower Upper
106 100
91 210.9 169.2 253.8





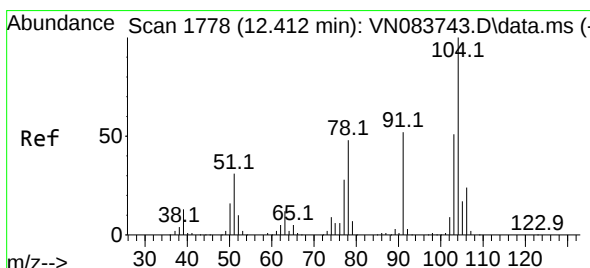
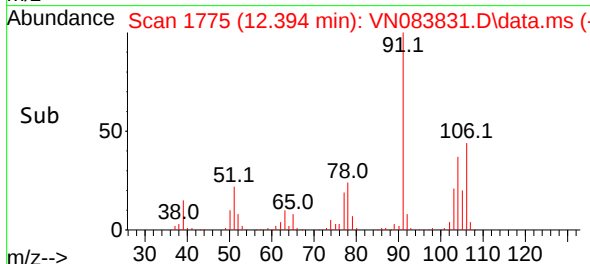
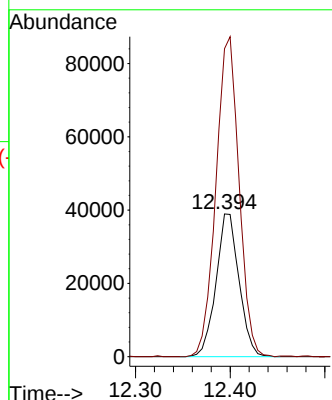
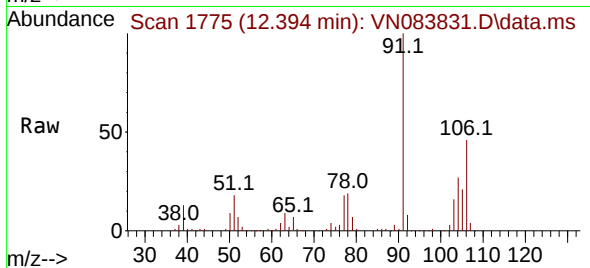
#69
o-Xylene
Concen: 17.382 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:106 Resp: 6567
Ion Ratio Lower Upper
106 100
91 225.2 112.9 338.6

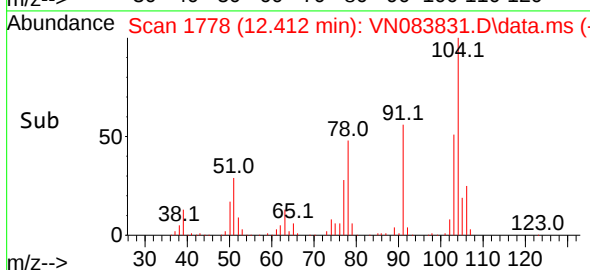
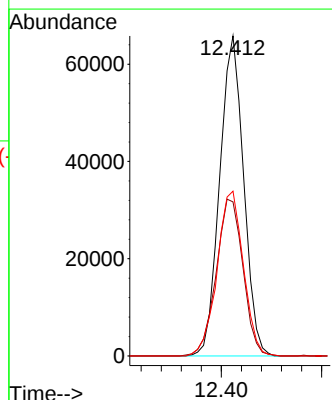
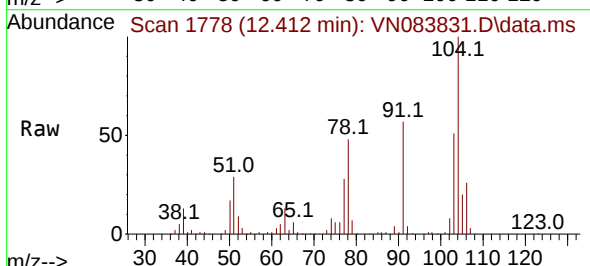
Manual Integrations
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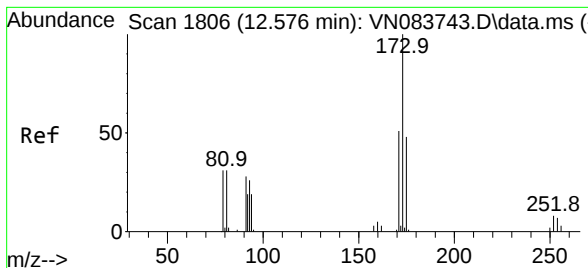
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#70
Styrene
Concen: 17.602 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion:104 Resp: 109139
Ion Ratio Lower Upper
104 100
78 54.9 43.3 64.9
103 56.4 43.4 65.2





#71

Bromoform

Concen: 18.814 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion:173 Resp: 26008

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.2

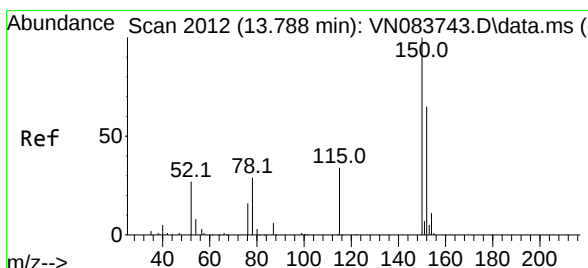
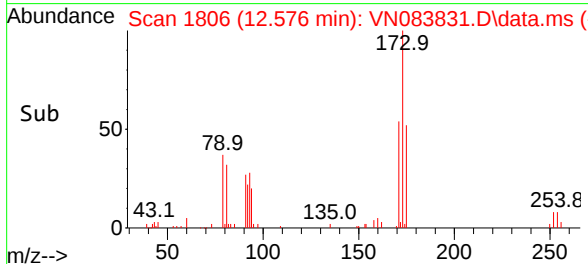
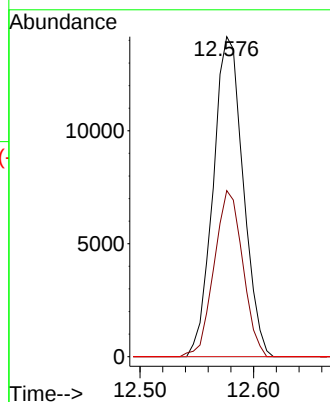
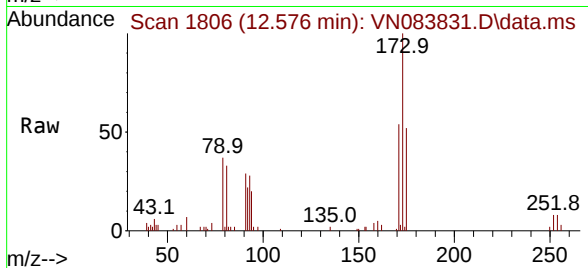
254 0.0 0.0 0.0

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: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

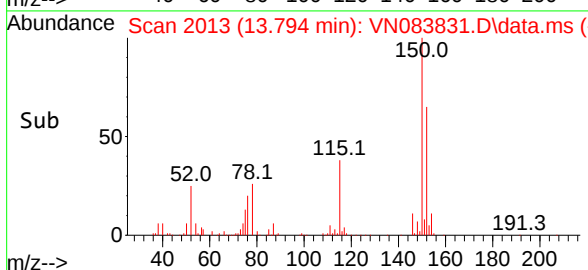
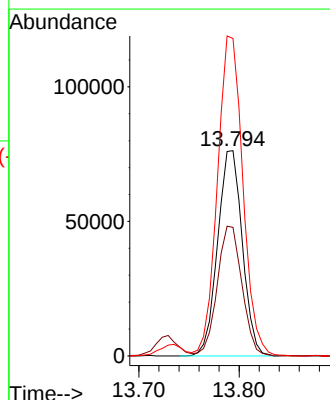
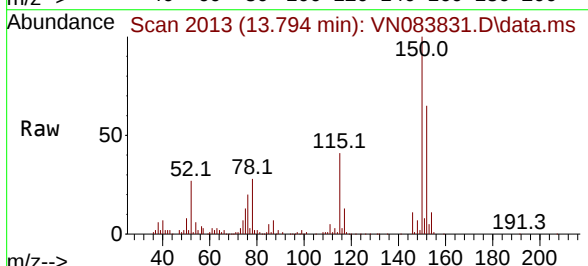
Tgt Ion:152 Resp: 130580

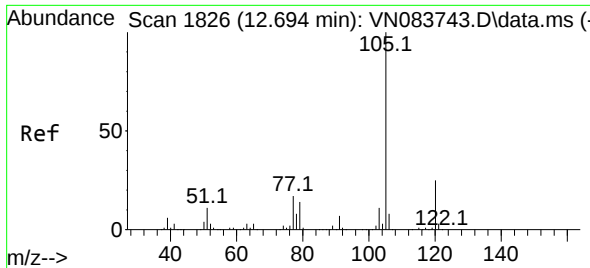
Ion Ratio Lower Upper

152 100

115 63.2 32.2 96.6

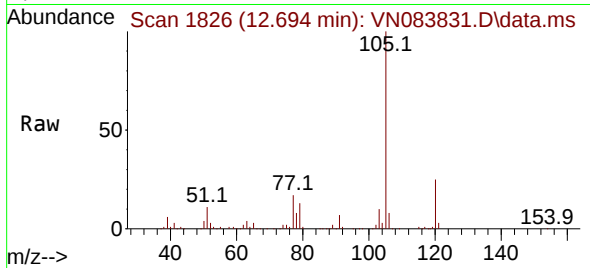
150 160.5 0.0 348.6





#73
Isopropylbenzene
Concen: 16.330 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

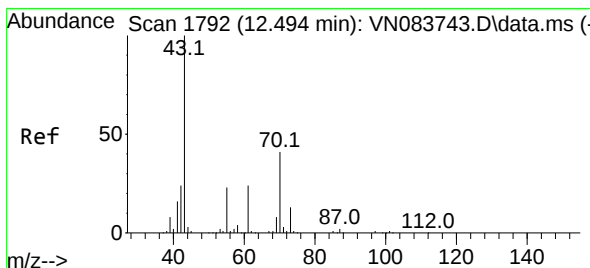
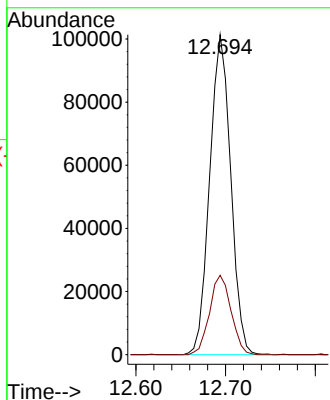
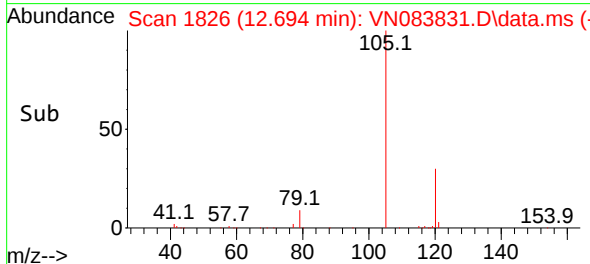
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



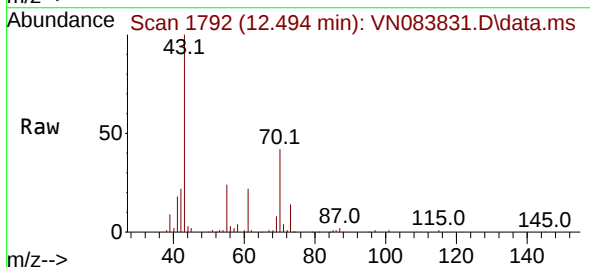
Tgt Ion:105 Resp: 164970
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8

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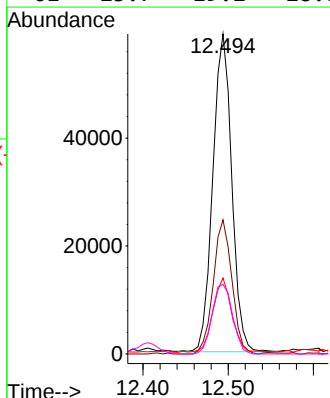
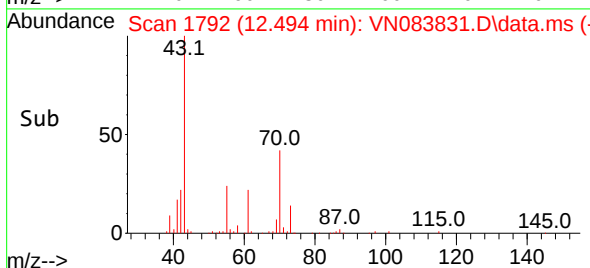
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

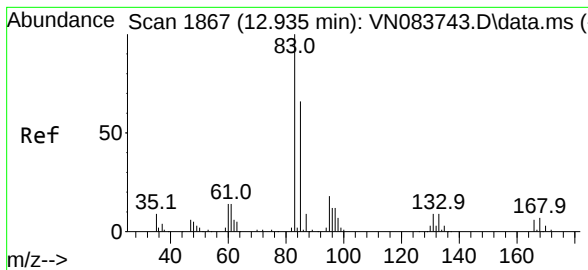


#74
N-ethyl acetate
Concen: 21.035 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05



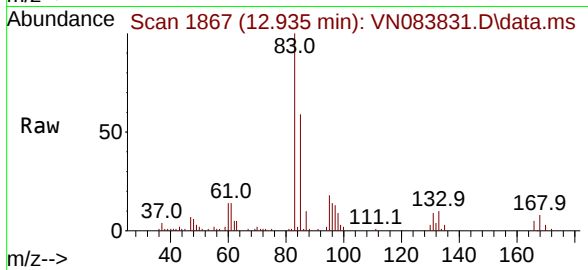
Tgt Ion: 43 Resp: 90666
Ion Ratio Lower Upper
43 100
70 41.6 34.5 51.7
55 23.6 18.6 28.0
61 23.7 19.2 28.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.297 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN083831.D
 Acq: 12 Sep 2024 15:05

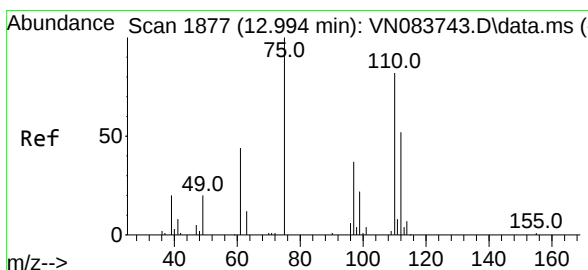
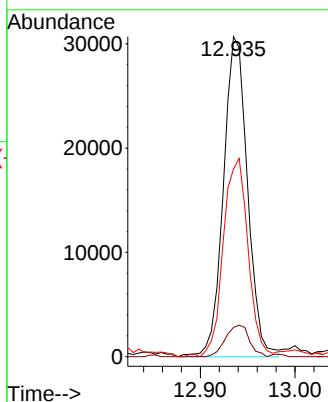
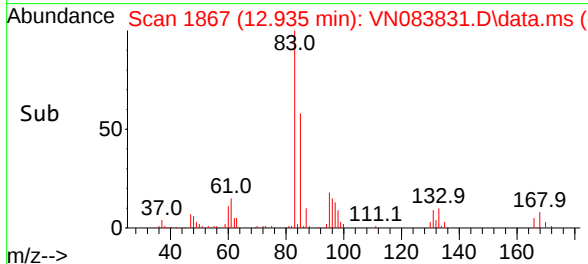
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



Tgt Ion: 83 Resp: 54310
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.2 15.6
 85 63.4 31.9 95.9

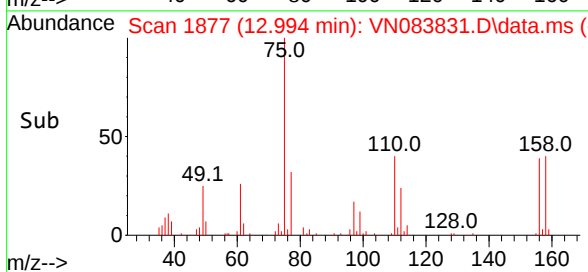
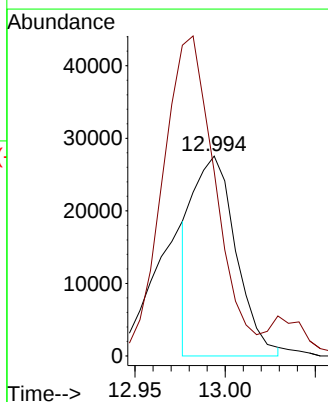
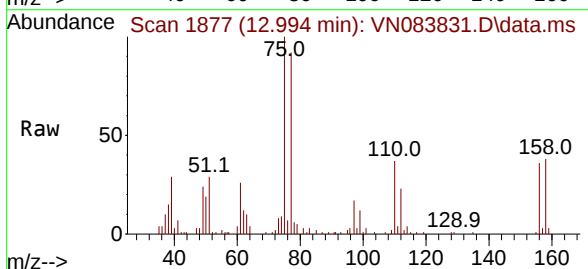
Manual Integrations
 APPROVED

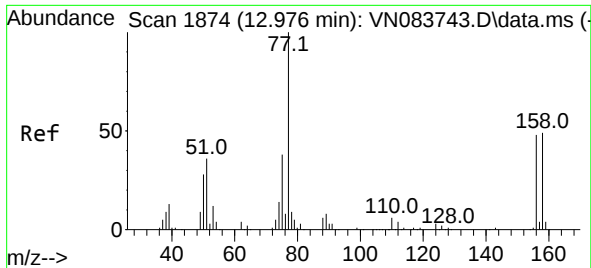
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#76
 1,2,3-Trichloropropane
 Concen: 17.321 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN083831.D
 Acq: 12 Sep 2024 15:05

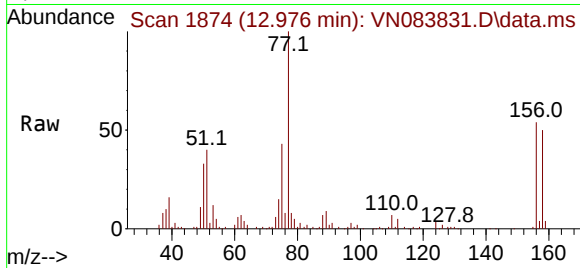
Tgt Ion: 75 Resp: 45638
 Ion Ratio Lower Upper
 75 100
 77 196.4 95.2 285.6





#77
Bromobenzene
Concen: 16.287 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

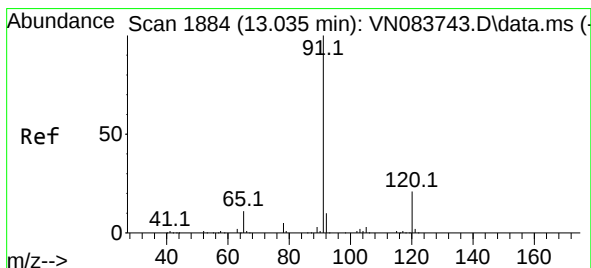
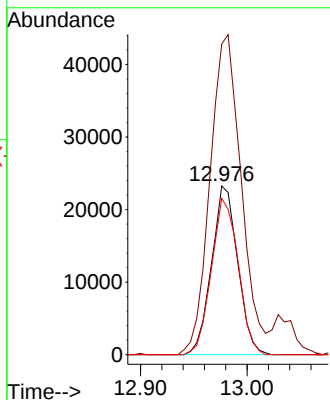
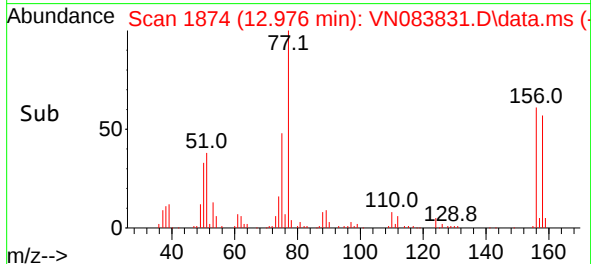
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:156 Resp: 3960
Ion Ratio Lower Upper
156 100
77 226.3 114.3 343.1
158 95.0 48.9 146.7

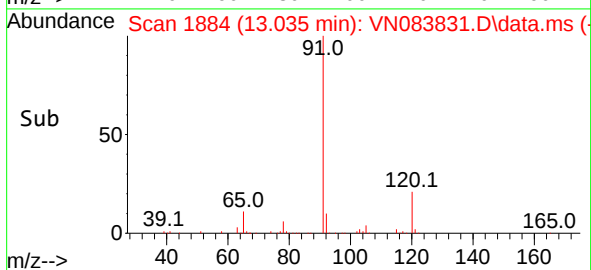
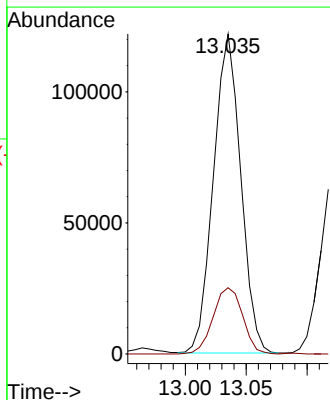
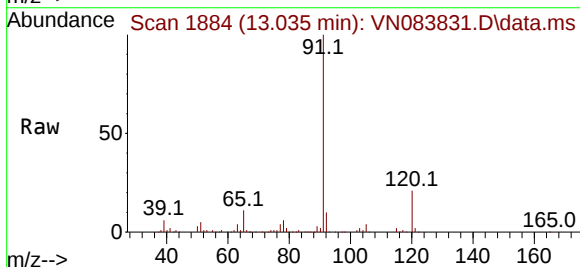
Manual Integrations
APPROVED

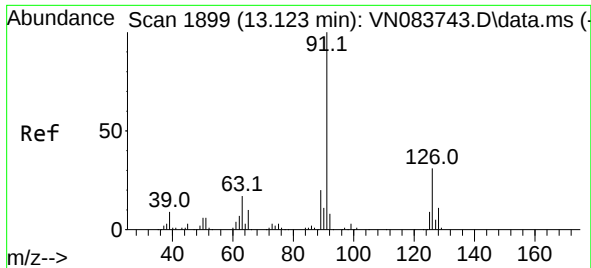
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#78
n-propylbenzene
Concen: 16.163 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion: 91 Resp: 189987
Ion Ratio Lower Upper
91 100
120 22.4 11.0 33.0





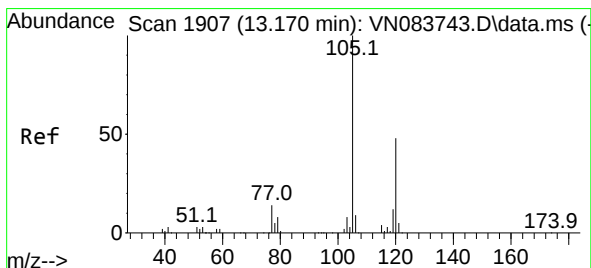
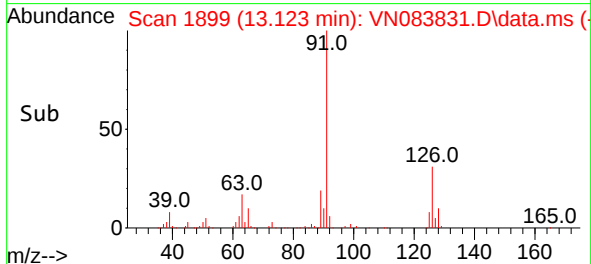
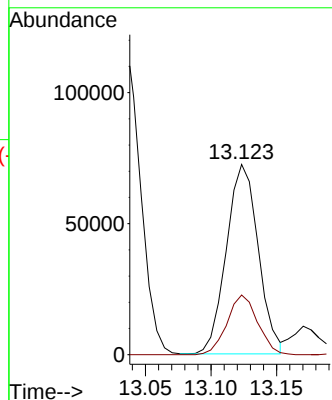
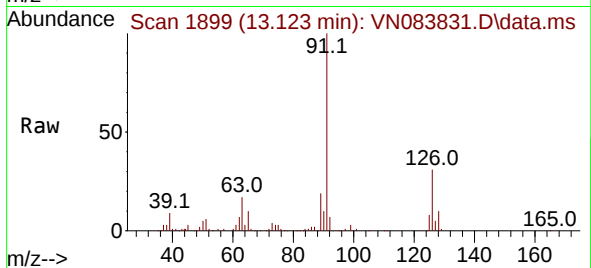
#79
2-Chlorotoluene
Concen: 16.337 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 91 Resp: 122468
Ion Ratio Lower Upper
91 100
126 30.1 15.4 46.2

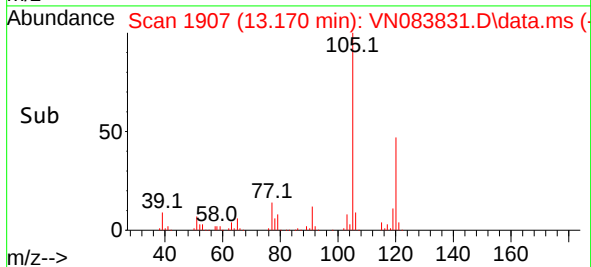
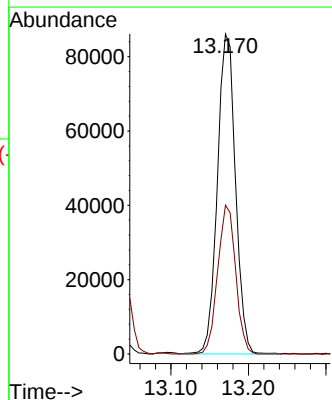
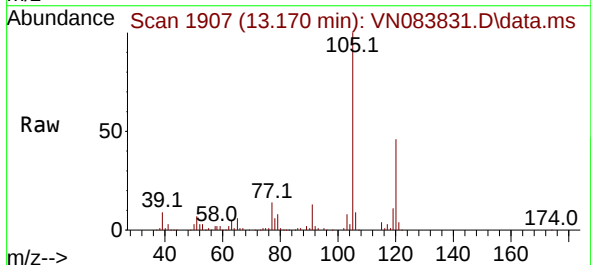
Manual Integrations
APPROVED

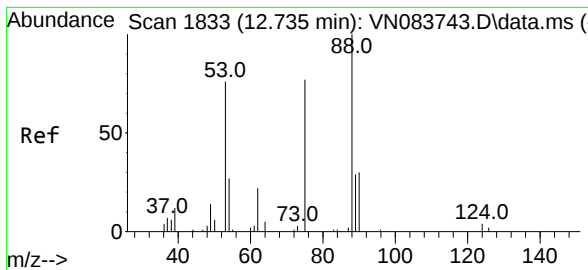
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 16.409 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

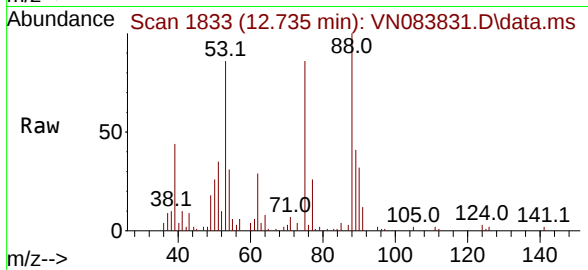
Tgt Ion:105 Resp: 139765
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.309 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

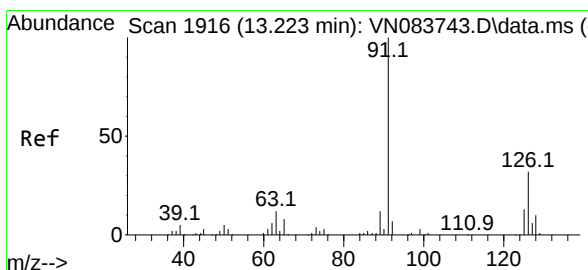
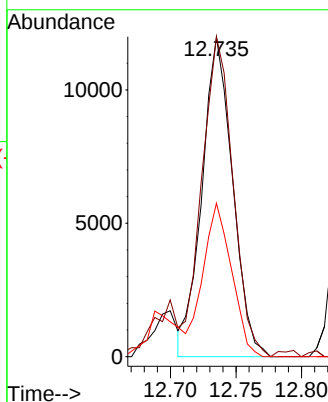
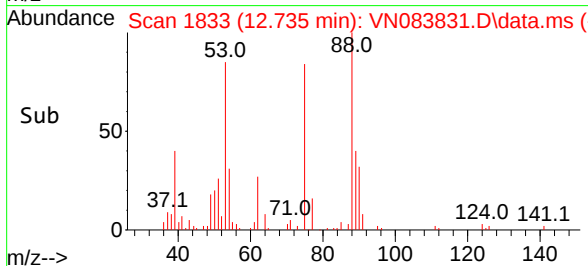
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



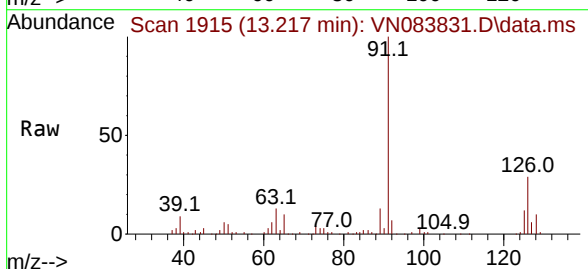
Tgt Ion: 75 Resp: 19425
Ion Ratio Lower Upper
75 100
53 102.0 81.2 121.8
89 44.9 35.7 53.5

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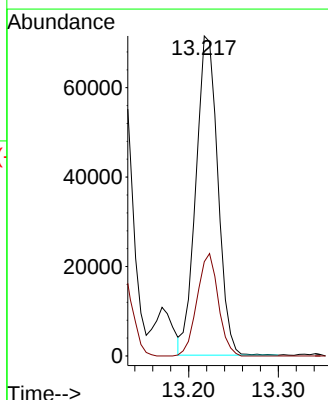
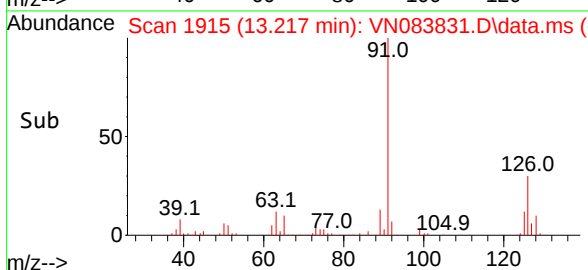
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

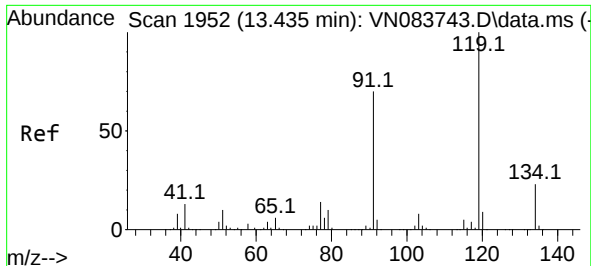


#82
4-Chlorotoluene
Concen: 16.097 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05



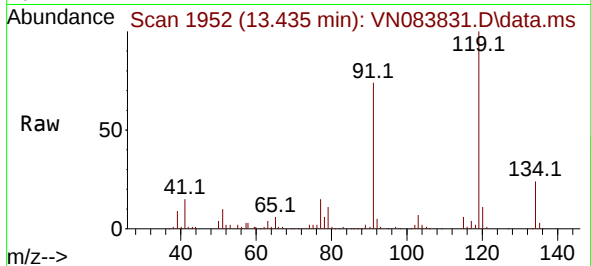
Tgt Ion: 91 Resp: 121094
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.2





#83
tert-Butylbenzene
Concen: 16.563 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

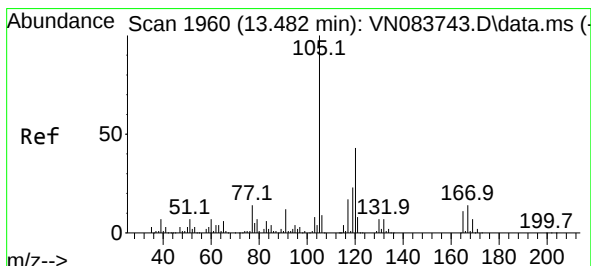
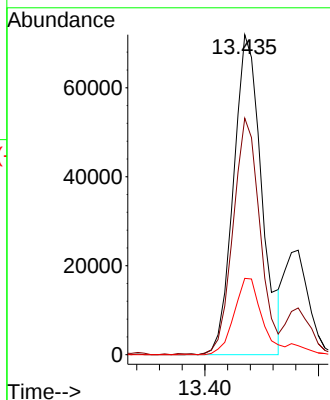
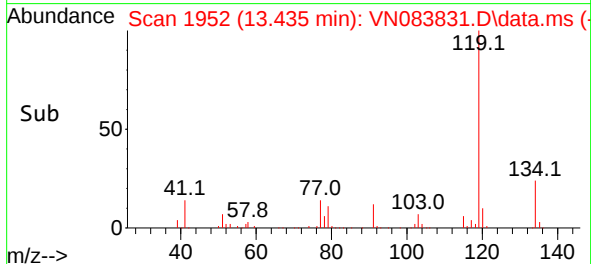
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



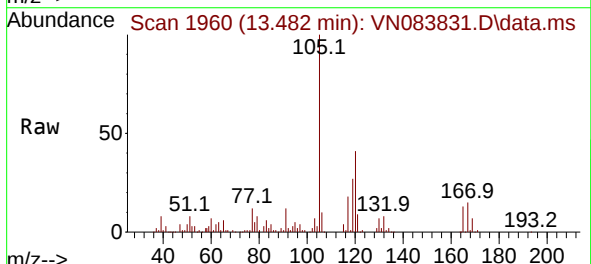
Tgt Ion:119 Resp: 123429
Ion Ratio Lower Upper
119 100
91 70.7 34.5 103.6
134 23.7 12.8 38.4

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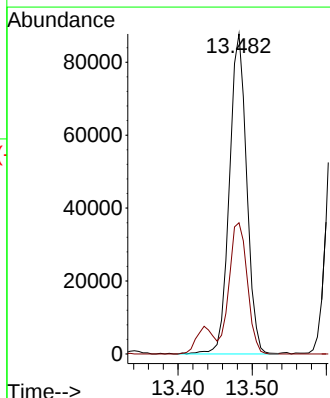
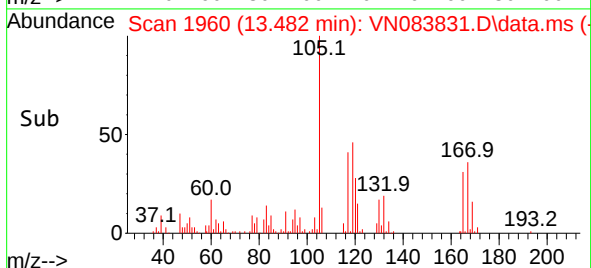
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

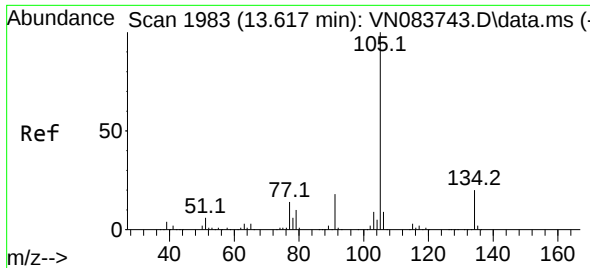


#84
1,2,4-Trimethylbenzene
Concen: 16.576 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05



Tgt Ion:105 Resp: 141822
Ion Ratio Lower Upper
105 100
120 43.0 21.8 65.4





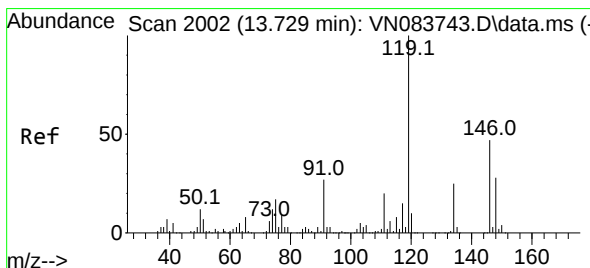
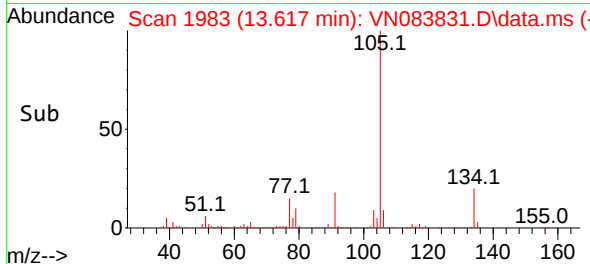
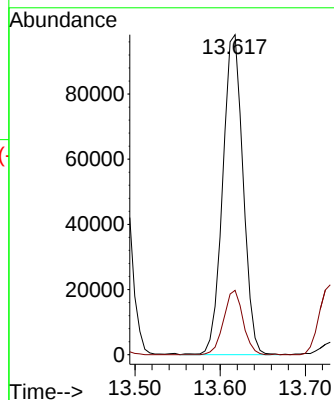
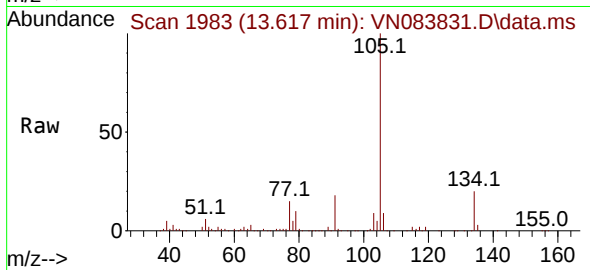
#85
 sec-Butylbenzene
 Concen: 16.461 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083831.D
 Acq: 12 Sep 2024 15:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Tgt Ion:105 Resp: 16268
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

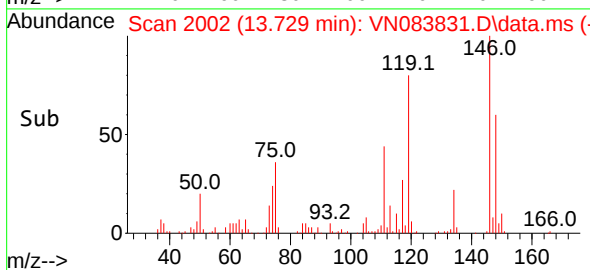
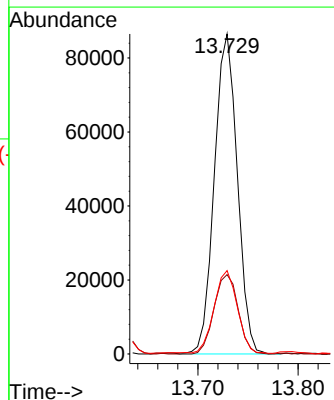
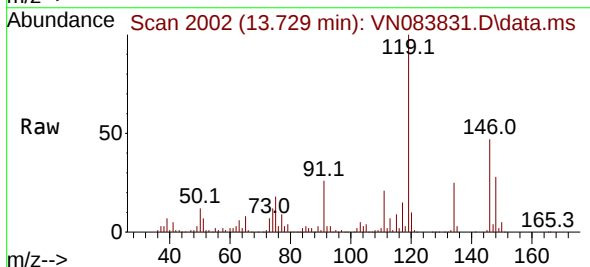
Manual Integrations
 APPROVED

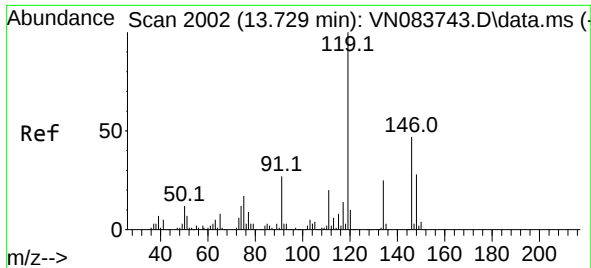
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#86
 p-Isopropyltoluene
 Concen: 16.580 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083831.D
 Acq: 12 Sep 2024 15:05

Tgt Ion:119 Resp: 137354
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 26.6 12.9 38.7





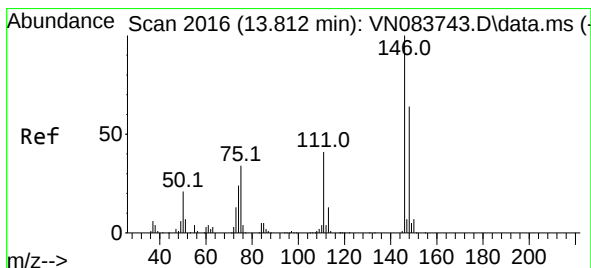
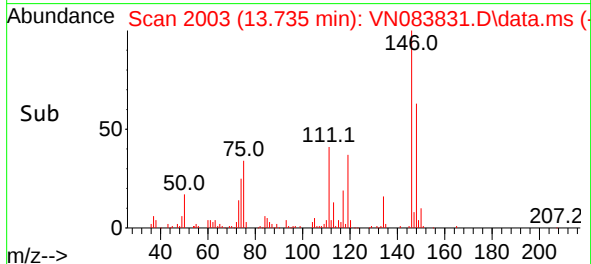
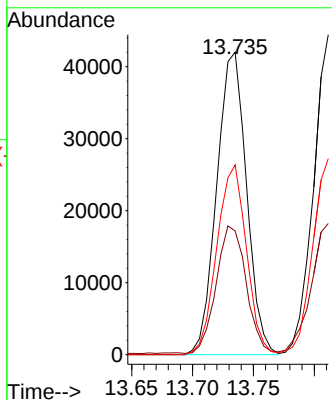
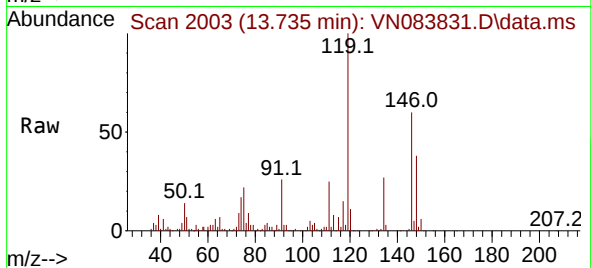
#87
1,3-Dichlorobenzene
Concen: 15.598 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:146 Resp: 7158
Ion Ratio Lower Upper
146 100
111 42.4 21.7 65.1
148 62.2 31.7 95.1

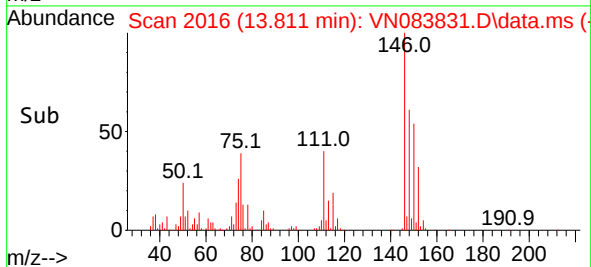
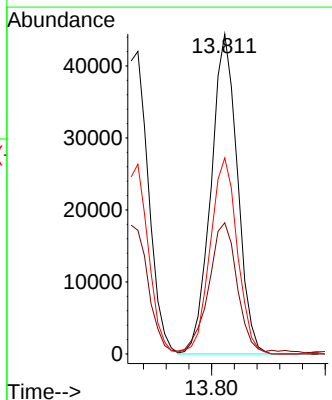
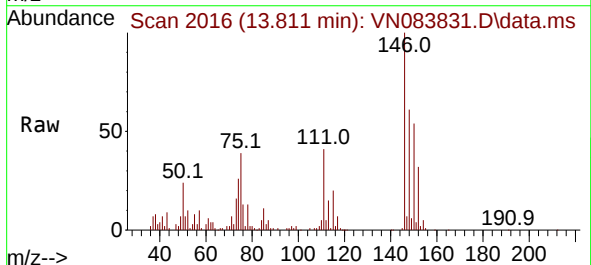
Manual Integrations
APPROVED

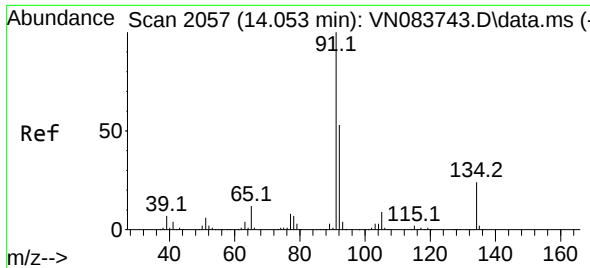
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#88
1,4-Dichlorobenzene
Concen: 15.450 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion:146 Resp: 71795
Ion Ratio Lower Upper
146 100
111 43.7 21.3 64.0
148 62.8 32.0 96.2





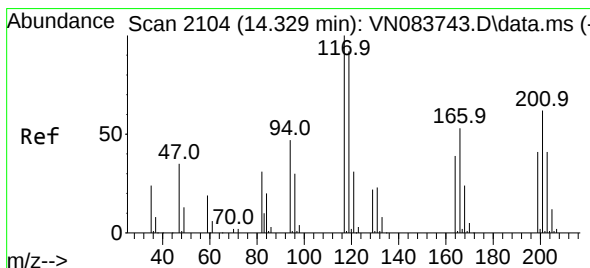
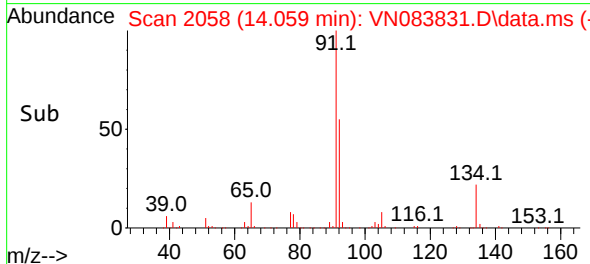
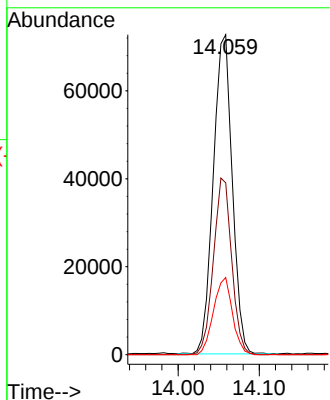
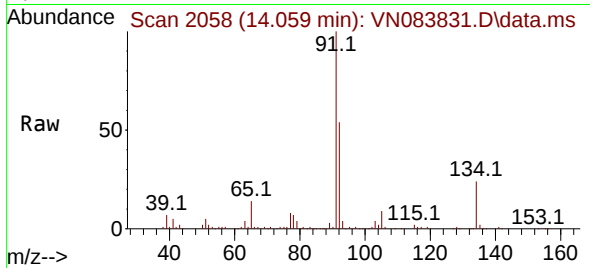
#89
n-Butylbenzene
Concen: 15.878 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 91 Resp: 118099
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.1
134 24.1 12.2 36.4

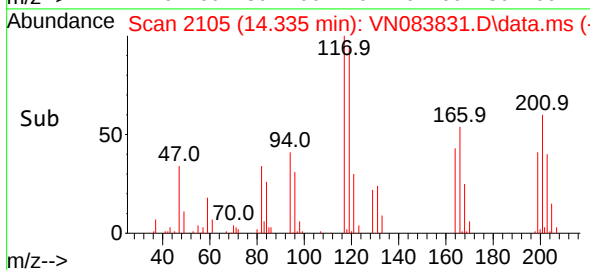
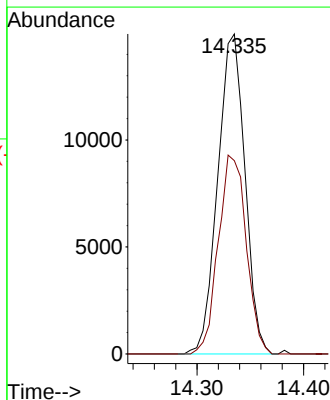
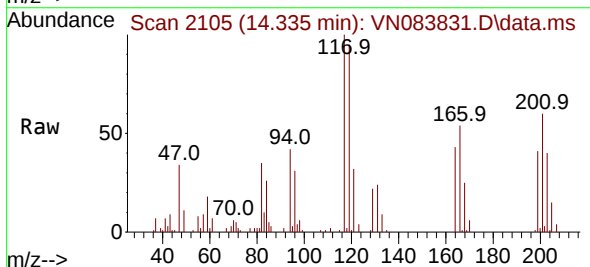
Manual Integrations
APPROVED

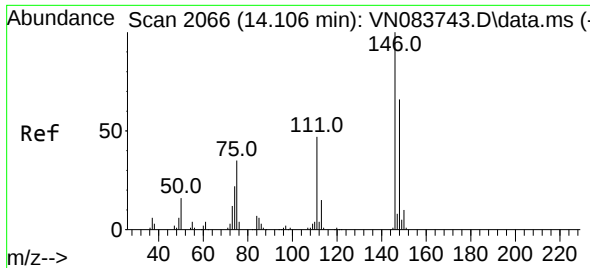
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#90
Hexachloroethane
Concen: 15.901 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion:117 Resp: 26480
Ion Ratio Lower Upper
117 100
201 63.9 32.8 98.3





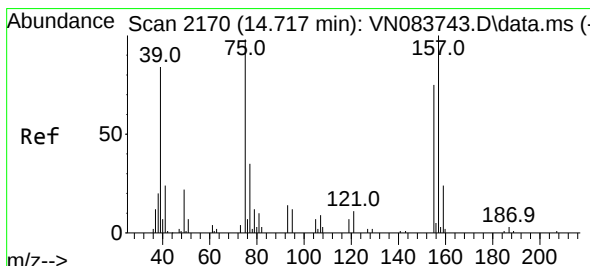
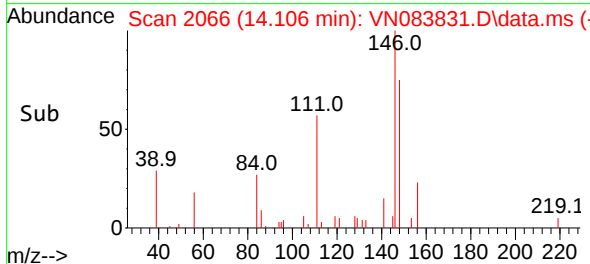
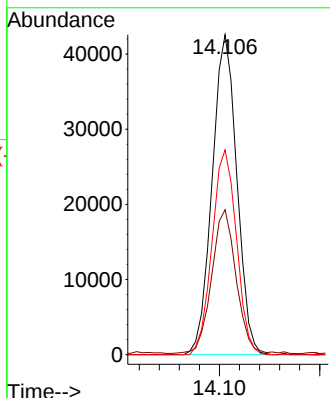
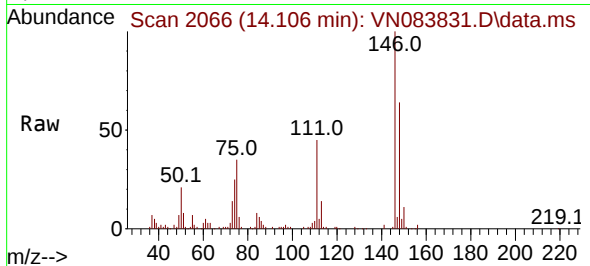
#91
1,2-Dichlorobenzene
Concen: 16.391 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:146 Resp: 72600
Ion Ratio Lower Upper
146 100
111 44.7 22.8 68.3
148 63.2 32.1 96.5

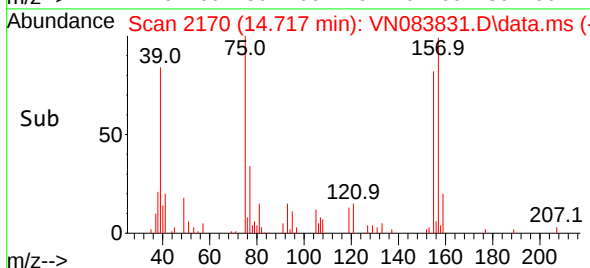
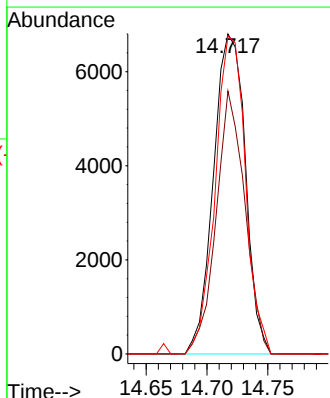
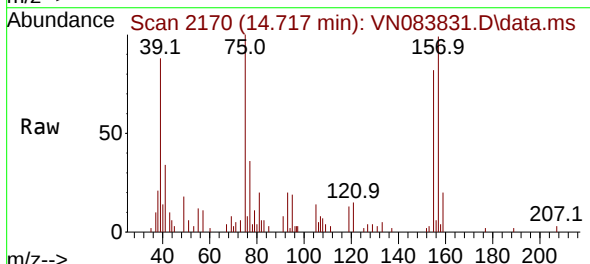
Manual Integrations
APPROVED

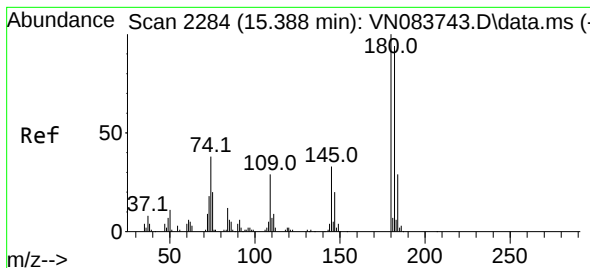
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.933 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

Tgt Ion: 75 Resp: 12386
Ion Ratio Lower Upper
75 100
155 74.2 35.9 107.7
157 94.2 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 15.027 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

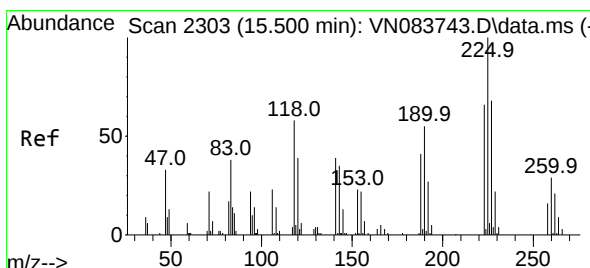
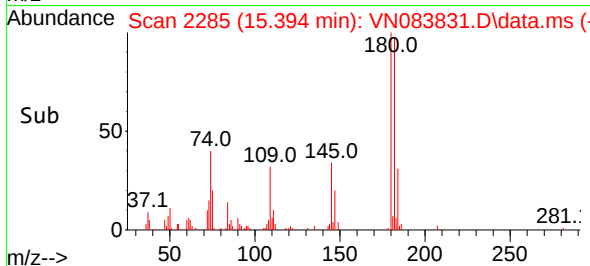
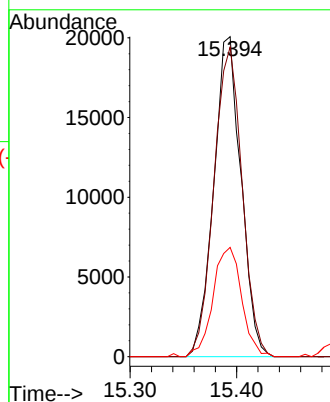
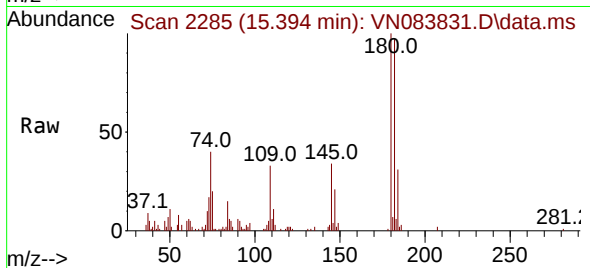
Tgt Ion:180	Resp:	3571
Ion Ratio	Lower	Upper
180	100	
182	99.9	48.1 144.3
145	35.8	16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#94

Hexachlorobutadiene

Concen: 15.308 ug/l

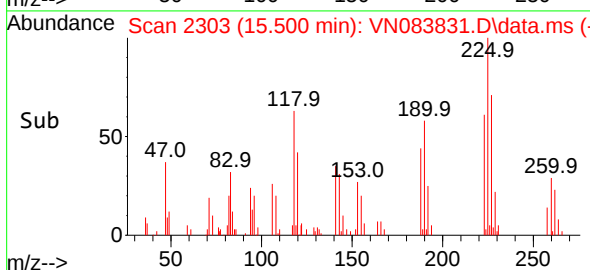
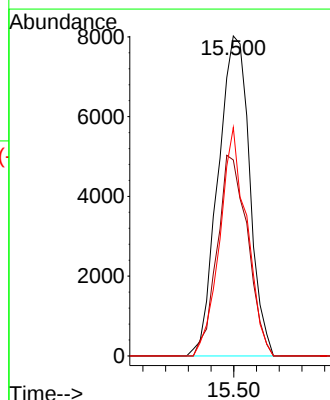
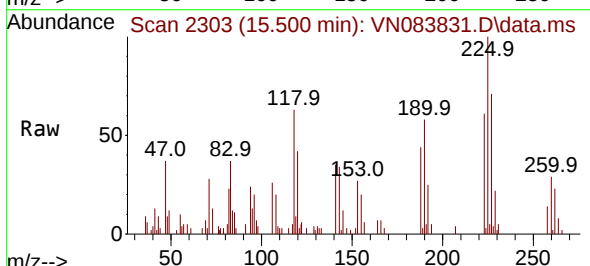
RT: 15.500 min Scan# 2303

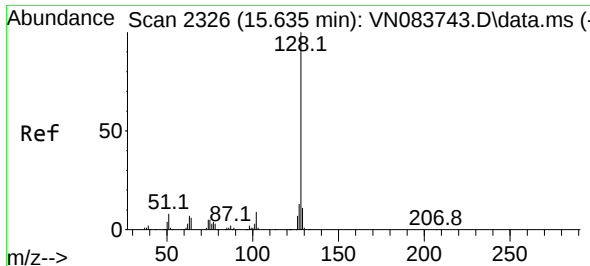
Delta R.T. -0.000 min

Lab File: VN083831.D

Acq: 12 Sep 2024 15:05

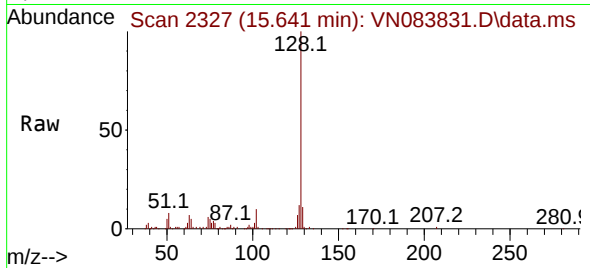
Tgt Ion:225	Resp:	15452
Ion Ratio	Lower	Upper
225	100	
223	60.6	31.9 95.5
227	61.3	32.0 96.2





#95
Naphthalene
Concen: 18.884 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05

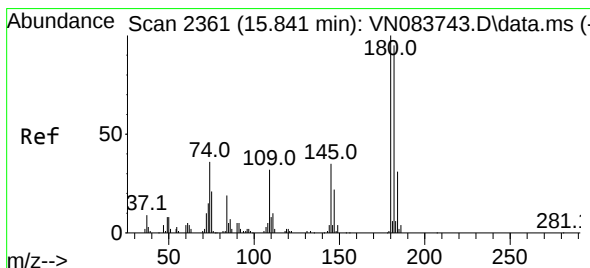
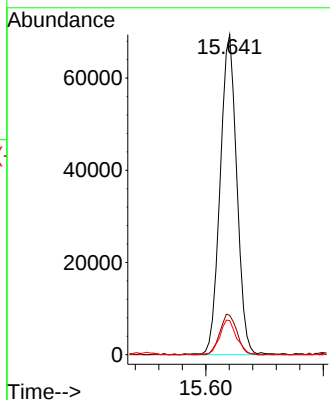
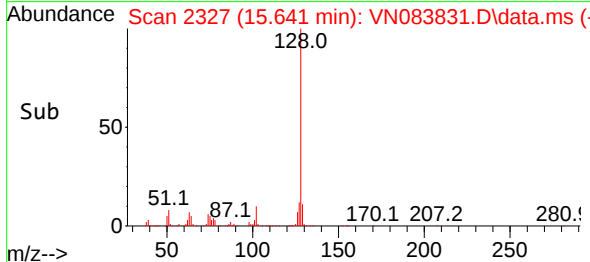
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



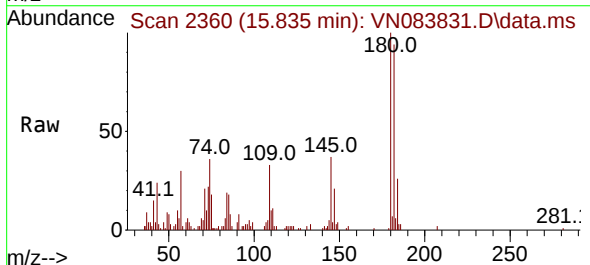
Tgt Ion:128 Resp: 136550
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 15.706 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083831.D
Acq: 12 Sep 2024 15:05



Tgt Ion:180 Resp: 35676
Ion Ratio Lower Upper
180 100
182 93.1 47.1 141.4
145 37.7 17.8 53.5

