

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083527.D
 Acq On : 28 Aug 2024 09:43
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/28/2024
 Supervised By : Mahesh Dadoda 08/29/2024

Quant Time: Aug 28 11:59:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 11:58:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	31650	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	185080	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	164811	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83082	31.353	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.500%			
60) 4-Bromofluorobenzene	12.847	95	86422	31.508	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 105.033%			
63) Toluene-d8	10.565	98	229037	29.263	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.533%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	38865	21.633	ug/l	93
3) Chloromethane	2.359	50	39530	18.973	ug/l	97
4) Vinyl Chloride	2.512	62	41857	21.266	ug/l	97
5) Bromomethane	2.901	94	19869	19.346	ug/l	93
6) Chloroethane	3.065	64	28312	25.402	ug/l	89
7) Trichlorofluoromethane	3.465	101	69404	24.098	ug/l	100
8) Diethyl Ether	3.953	74	24397	17.499	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.353	101	37894	19.171	ug/l	95
10) 1,1-Dichloroethene	4.324	96	35870	18.547	ug/l	88
11) Methyl Iodide	4.577	142	50660	28.676	ug/l	97
12) Methyl Acetate	5.024	43	64614	26.133	ug/l #	84
13) Acrolein	4.177	56	30173	58.600	ug/l	99
14) Acrylonitrile	5.718	53	96587	87.496	ug/l	97
15) Acetone	4.436	58	26807	107.677	ug/l	85
16) Carbon Disulfide	4.700	76	96305	17.995	ug/l	100
17) Allyl chloride	5.006	41	65218	18.839	ug/l	86
18) Methylene Chloride	5.271	84	39357	17.907	ug/l	89
19) trans-1,2-Dichloroethene	5.777	96	37213	18.485	ug/l	97
20) Diisopropyl ether	6.671	45	128510	17.127	ug/l	98
21) 1,1-Dichloroethane	6.559	63	73764	18.566	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	46147	18.769	ug/l	93
23) tert-Butyl Alcohol	5.542	59	42264	92.929	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	134297	19.282	ug/l #	88
25) Chloroform	7.965	83	78095	20.431	ug/l	96
26) Cyclohexane	8.253	56	63143	18.489	ug/l #	87
29) 1,1-Dichloropropene	8.371	75	53471	19.406	ug/l	99
30) 2-Butanone	7.483	43	135210	95.196	ug/l	96
31) 2,2-Dichloropropane	7.483	77	69175	24.498	ug/l #	78
32) 1,1,1-Trichloroethane	8.165	97	72693	22.939	ug/l	98
33) Carbon Tetrachloride	8.359	117	61741	24.007	ug/l	95
34) Benzene	8.606	78	162072	18.438	ug/l	97
35) Methacrylonitrile	7.777	41	31582	17.576	ug/l	89
36) 1,2-Dichloroethane	8.665	62	61648	20.892	ug/l #	94
37) Trichloroethene	9.353	130	38296	17.787	ug/l	97
38) Methylcyclohexane	9.600	83	65178	19.581	ug/l	96
39) 1,2-Dichloropropane	9.618	63	40236	17.839	ug/l	100
40) Dibromomethane	9.706	93	28728	19.826	ug/l	95
41) Bromodichloromethane	9.888	83	62110	20.055	ug/l	94
42) Vinyl Acetate	6.600	43	674910	111.640	ug/l	97

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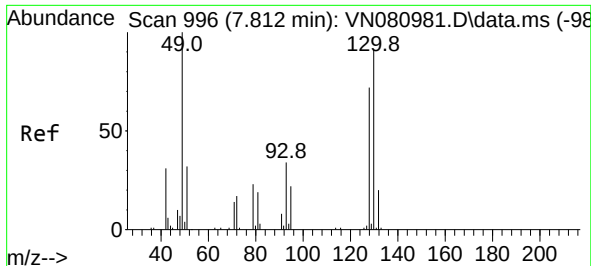
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	47692	15.348	ug/l	96
44) Isopropyl Acetate	8.688	43	130624	23.762	ug/l #	79
45) 1,4-Dioxane	9.700	88	16649	377.610	ug/l	95
46) Methyl methacrylate	9.682	41	45952	18.295	ug/l	81
47) n-amyl Acetate	12.494	43	82610	16.664	ug/l	92
48) t-1,3-Dichloropropene	10.835	75	64436	19.186	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	67519	19.015	ug/l #	82
50) 1,1,2-Trichloroethane	11.018	97	38401	19.534	ug/l	95
51) Ethyl methacrylate	10.877	69	65749	17.721	ug/l	82
52) 1,3-Dichloropropane	11.165	76	67757	18.761	ug/l	98
53) Dibromochloromethane	11.359	129	44689	20.894	ug/l	96
54) 1,2-Dibromoethane	11.471	107	39088	19.937	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	153202	82.575	ug/l	98
56) Bromoform	12.576	173	29237	22.460	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	276993	86.561	ug/l #	89
59) 2-Hexanone	11.194	43	207750	87.558	ug/l	90
61) Tetrachloroethene	11.106	164	32179	17.596	ug/l	93
62) Toluene	10.630	91	175040	18.876	ug/l	99
64) Chlorobenzene	11.894	112	110147	19.420	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	39165	21.097	ug/l	99
66) Ethyl Benzene	11.965	91	195303	19.214	ug/l	99
67) m/p-Xylenes	12.071	106	145994	38.739	ug/l	98
68) o-Xylene	12.400	106	72206	19.365	ug/l	97
69) Styrene	12.412	104	122246	19.531	ug/l	99
70) Isopropylbenzene	12.694	105	190710	20.139	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	56355	20.680	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	49767m	22.318	ug/l	
73) Bromobenzene	12.976	156	43597	21.507	ug/l	94
74) n-propylbenzene	13.035	91	215181	19.246	ug/l	99
75) 2-Chlorotoluene	13.123	91	140783	20.369	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	157736	20.578	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	20128	17.741	ug/l	94
78) 4-Chlorotoluene	13.223	91	139496	20.601	ug/l	100
79) tert-butylbenzene	13.435	119	143040	21.674	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	159650	20.736	ug/l	100
81) sec-Butylbenzene	13.618	105	186846	20.197	ug/l	100
82) p-Isopropyltoluene	13.729	119	158239	21.631	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	84362	23.112	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	84017	22.901	ug/l	99
85) n-Butylbenzene	14.059	91	137523	20.581	ug/l	99
86) Hexachloroethane	14.335	117	31574	21.647	ug/l	89
87) 1,2-Dichlorobenzene	14.106	146	81964	22.546	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	13350	21.831	ug/l	92
89) 1,2,4-Trichlorobenzene	15.835	180	44132	22.047	ug/l	97
90) Hexachlorobutadiene	15.500	225	18771	25.319	ug/l	99
91) Naphthalene	15.641	128	157809	20.738	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	44132	22.047	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



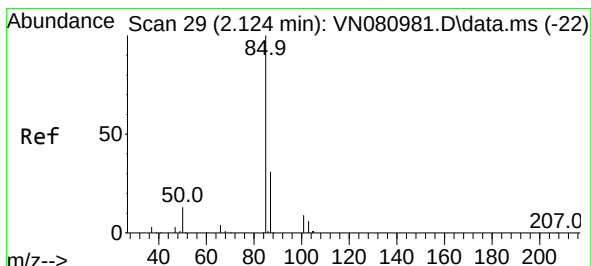
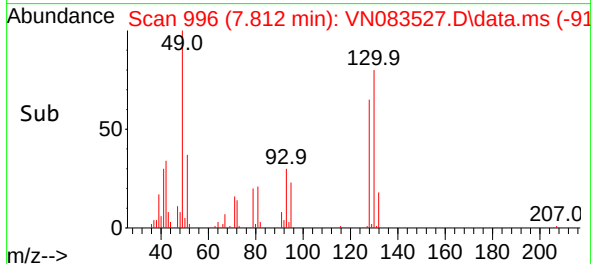
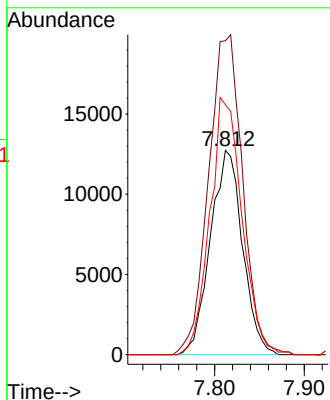
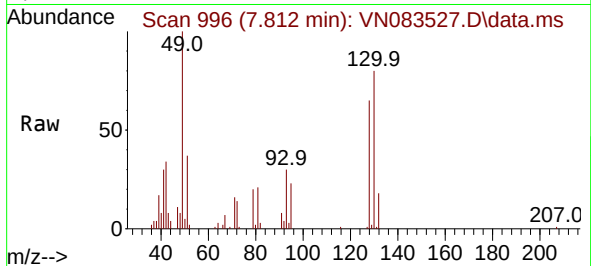
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 31650
Ion Ratio Lower Upper
128 100
49 166.0 0.0 403.7
130 125.9 0.0 323.3

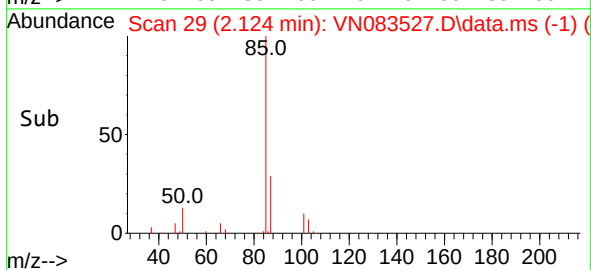
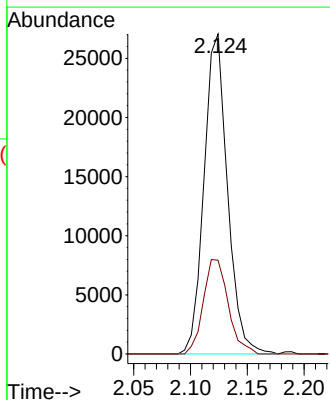
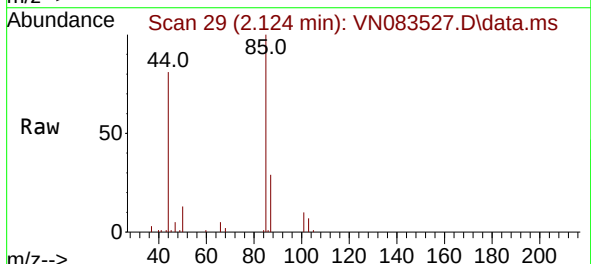
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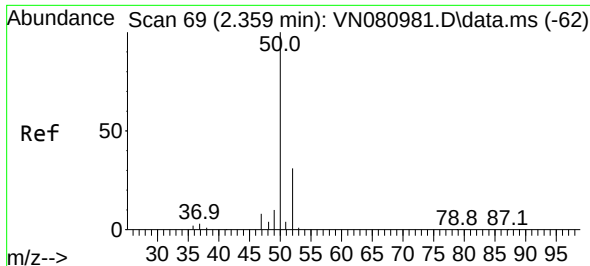
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#2
Dichlorodifluoromethane
Concen: 21.633 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

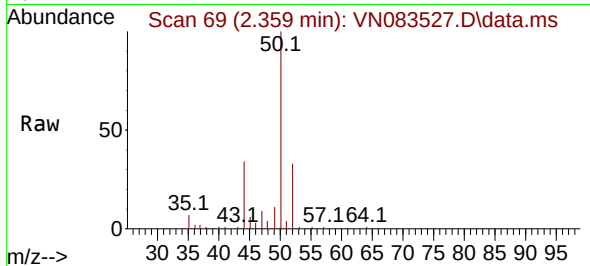
Tgt Ion: 85 Resp: 38865
Ion Ratio Lower Upper
85 100
87 29.3 16.8 50.3





#3
Chloromethane
Concen: 18.973 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

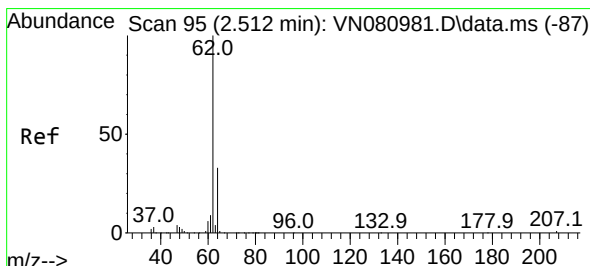
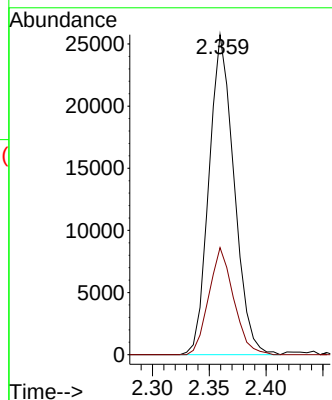
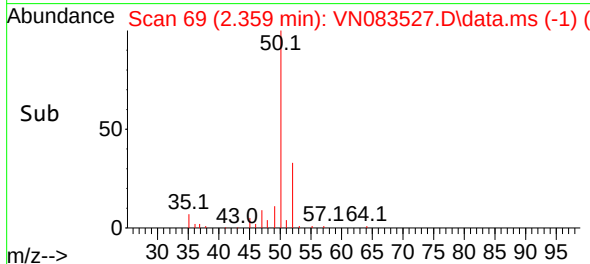
Instrument :
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ClientSampleId :
VSTDICCC020



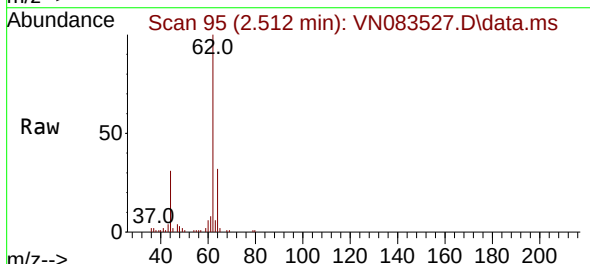
Tgt Ion: 50 Resp: 39530
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.0

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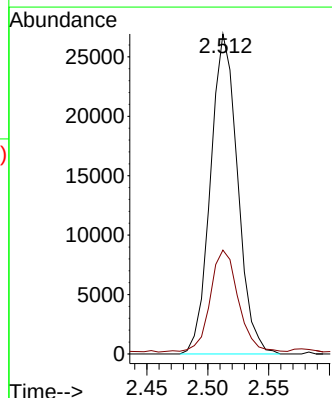
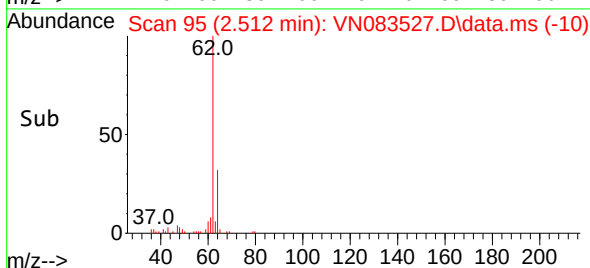
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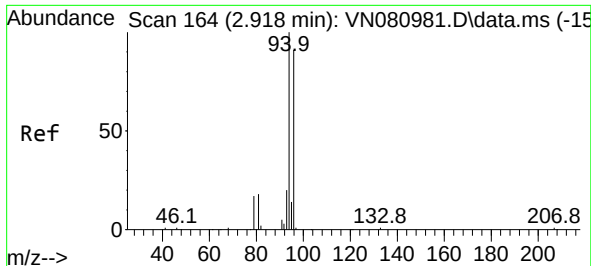


#4
Vinyl Chloride
Concen: 21.266 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43



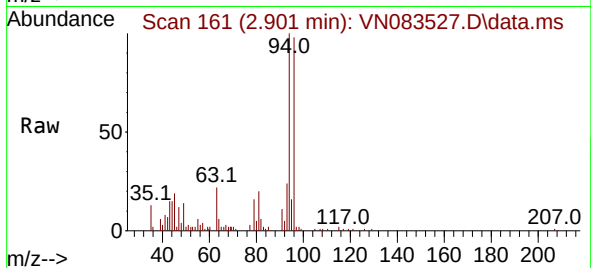
Tgt Ion: 62 Resp: 41857
Ion Ratio Lower Upper
62 100
64 31.6 24.1 36.1





#5
Bromomethane
Concen: 19.346 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

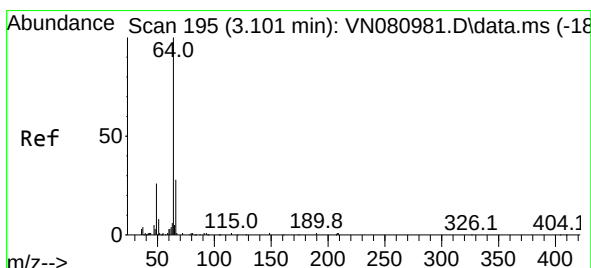
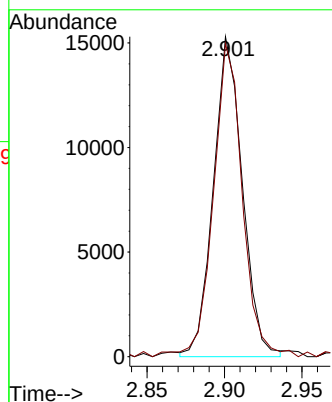
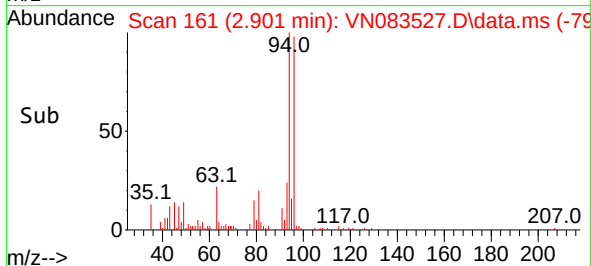
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 1986
Ion Ratio Lower Upper
94 100
96 97.5 72.8 109.2

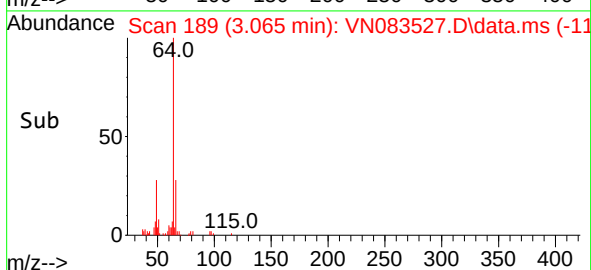
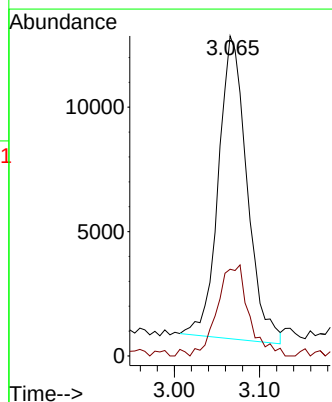
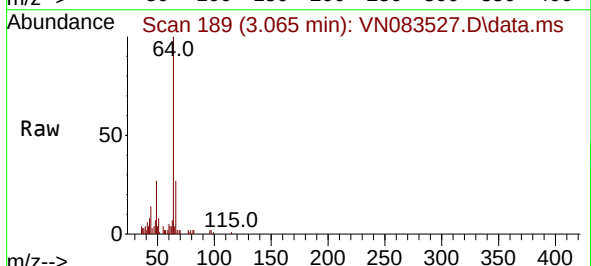
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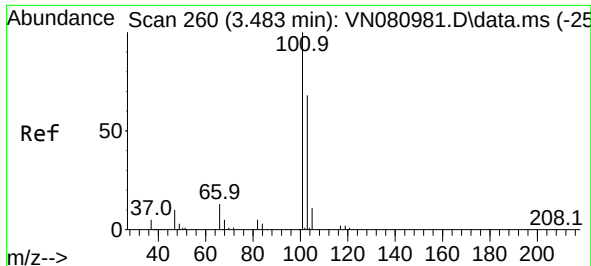
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#6
Chloroethane
Concen: 25.402 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.035 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

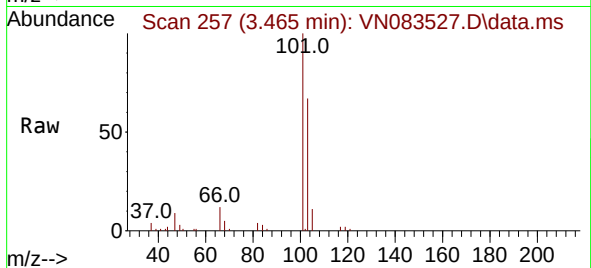
Tgt Ion: 64 Resp: 28312
Ion Ratio Lower Upper
64 100
66 26.9 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 24.098 ug/l
 RT: 3.465 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VN083527.D
 Acq: 28 Aug 2024 09:43

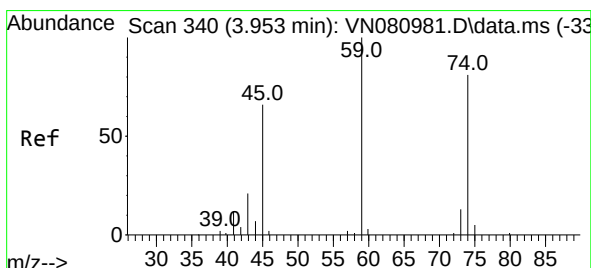
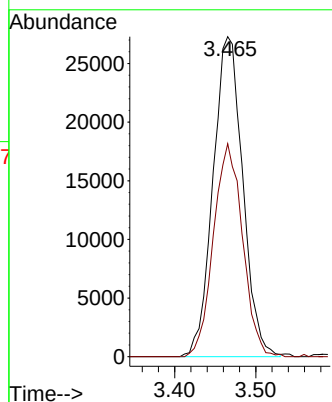
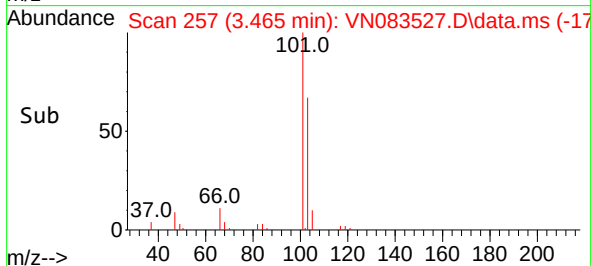
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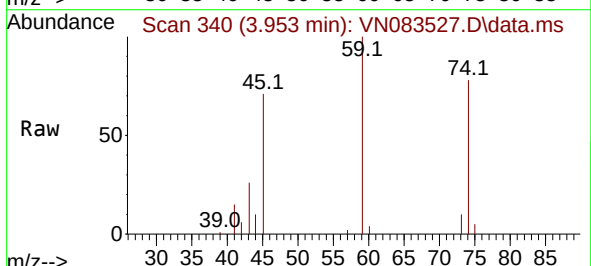
Tgt Ion:101 Resp: 69404
 Ion Ratio Lower Upper
 101 100
 103 66.5 53.0 79.4

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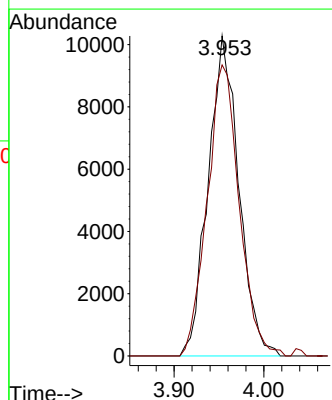
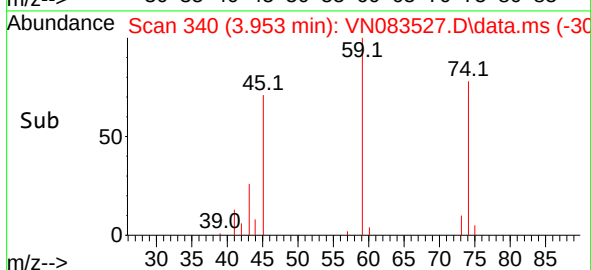
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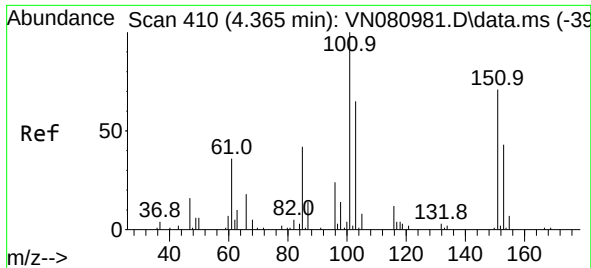


#8
 Diethyl Ether
 Concen: 17.499 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN083527.D
 Acq: 28 Aug 2024 09:43



Tgt Ion: 74 Resp: 24397
 Ion Ratio Lower Upper
 74 100
 45 94.7 16.4 147.4





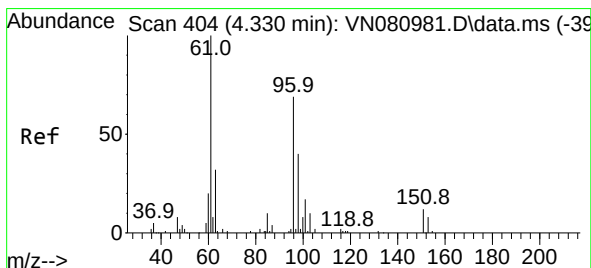
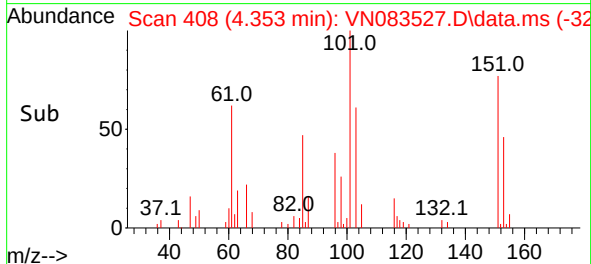
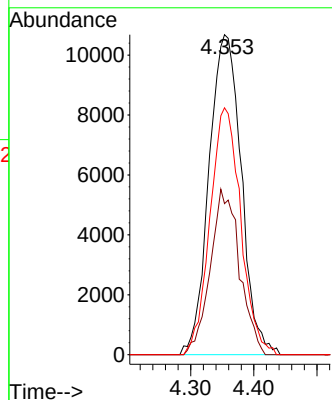
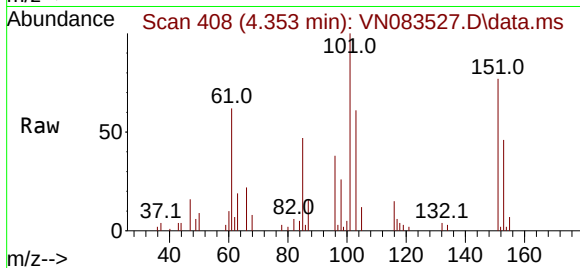
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.171 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 37894
Ion Ratio Lower Upper
101 100
85 47.0 0.0 90.6
151 73.5 0.0 157.6

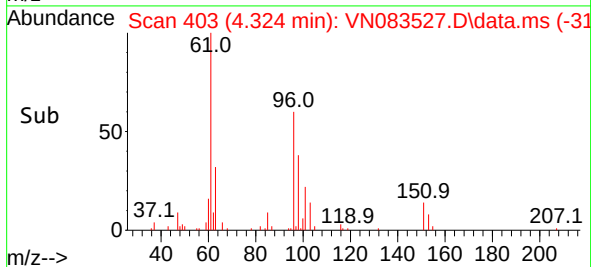
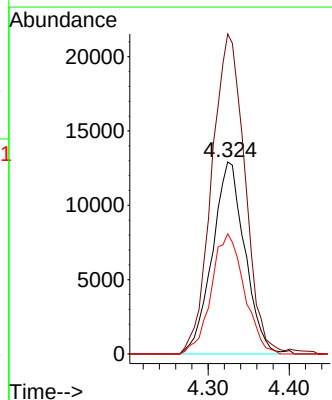
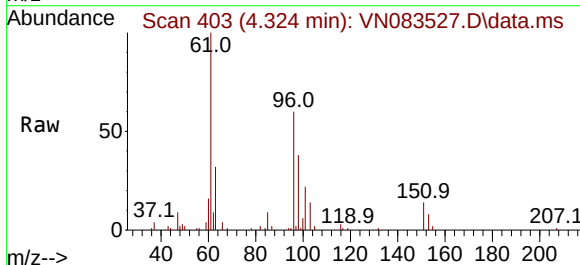
Manual Integrations
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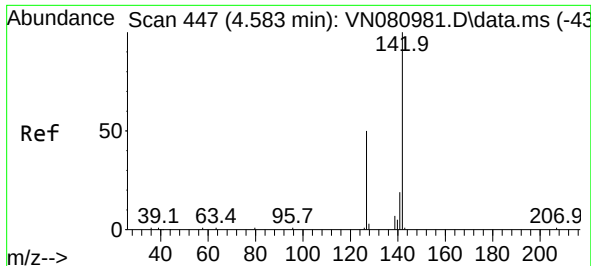
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Supervised By :Mahesh Dadoda 08/29/2024



#10
1,1-Dichloroethene
Concen: 18.547 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

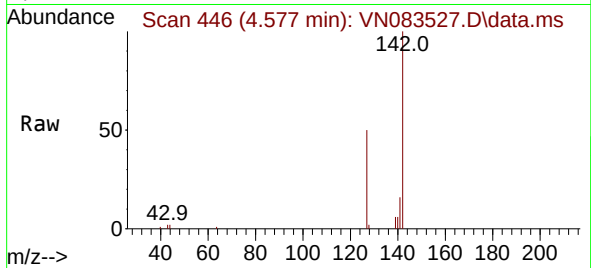
Tgt Ion: 96 Resp: 35870
Ion Ratio Lower Upper
96 100
61 166.7 117.6 176.4
98 62.6 48.4 72.6





#11
Methyl Iodide
Concen: 28.676 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

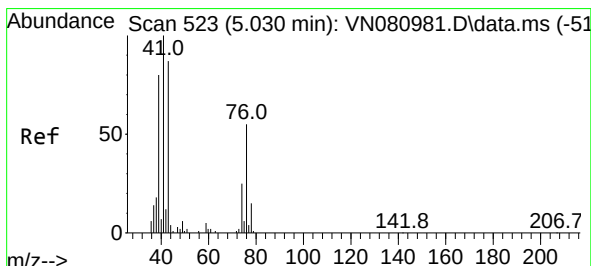
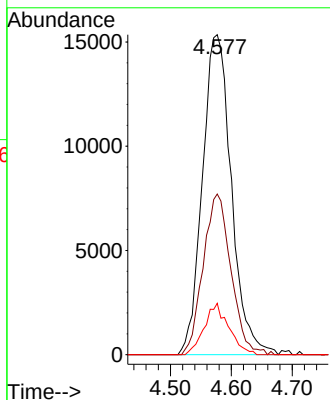
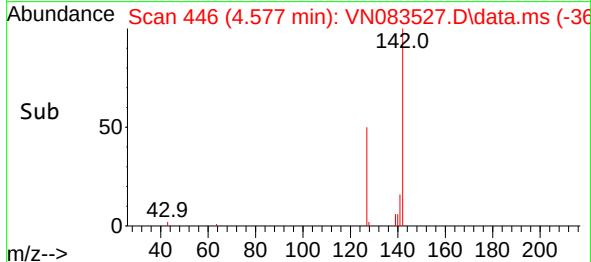
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 50660
Ion Ratio Lower Upper
142 100
127 50.2 26.3 78.9
141 16.1 8.3 24.9

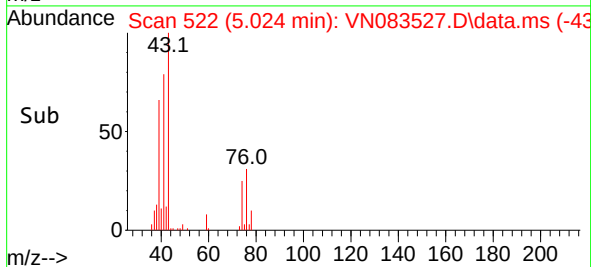
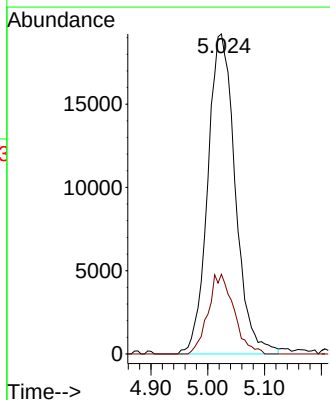
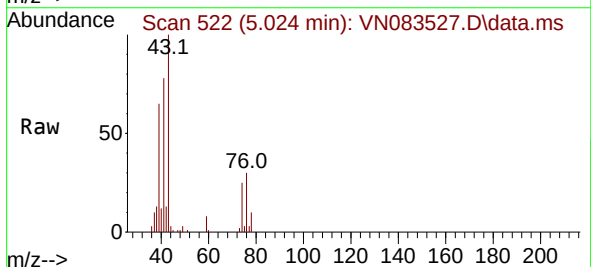
Manual Integrations
APPROVED

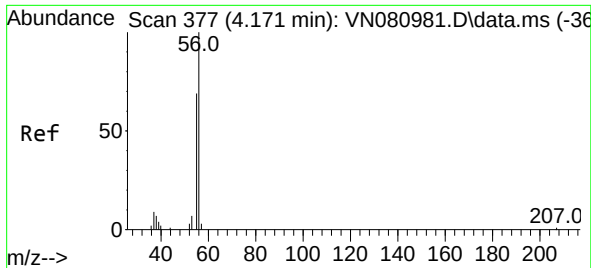
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#12
Methyl Acetate
Concen: 26.133 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Tgt Ion: 43 Resp: 64614
Ion Ratio Lower Upper
43 100
74 25.1 27.7 41.5#





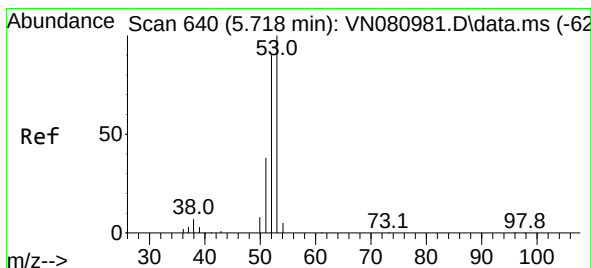
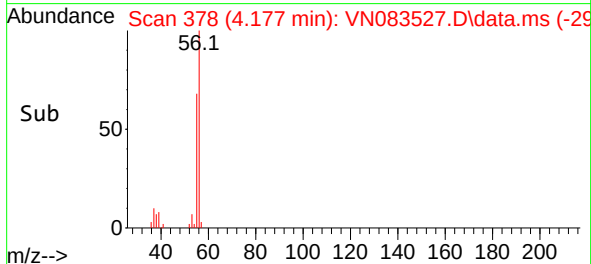
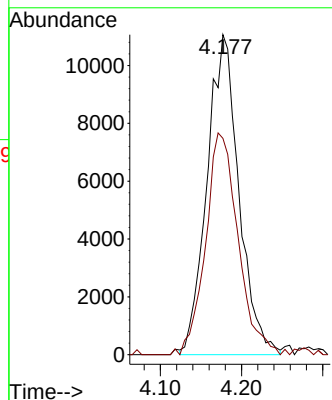
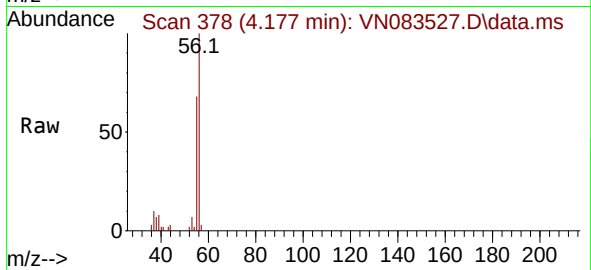
#13
Acrolein
Concen: 58.600 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 56 Resp: 3017
Ion Ratio Lower Upper
56 100
55 70.3 55.5 83.3

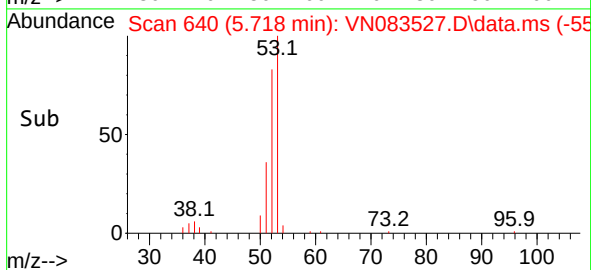
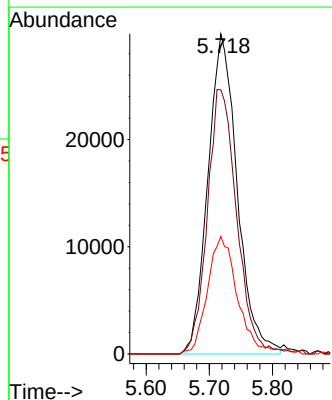
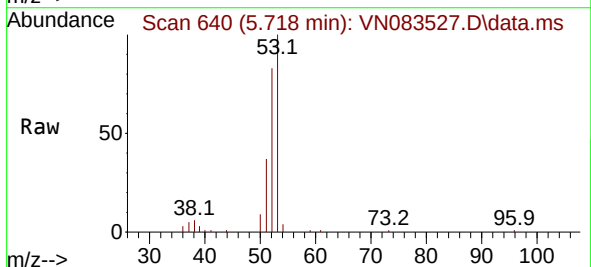
Manual Integrations
APPROVED

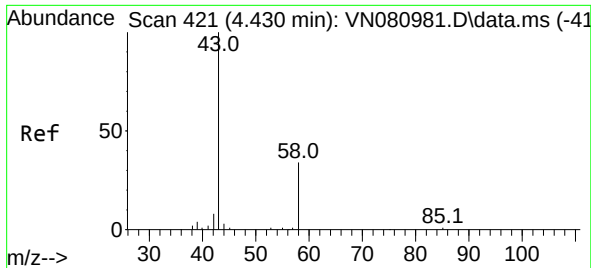
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#14
Acrylonitrile
Concen: 87.496 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Tgt Ion: 53 Resp: 96587
Ion Ratio Lower Upper
53 100
52 81.4 41.3 123.9
51 37.5 16.8 50.3





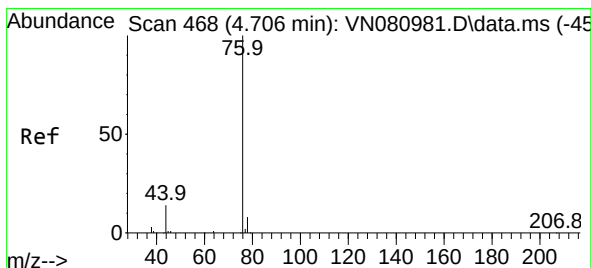
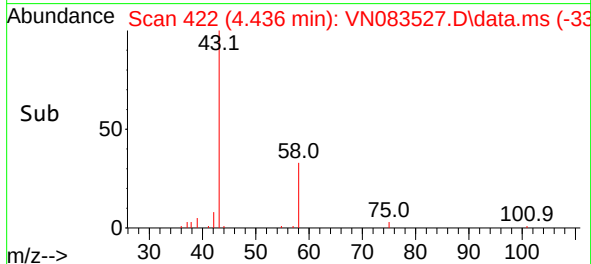
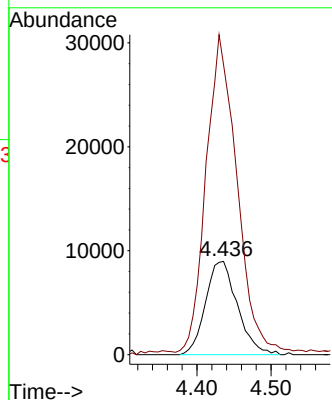
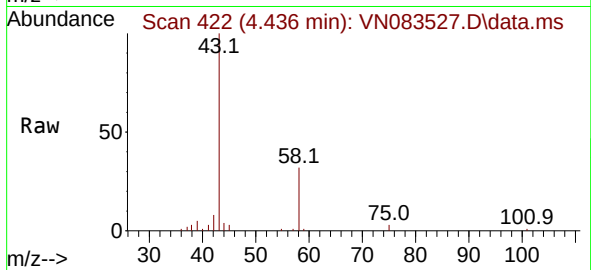
#15
Acetone
Concen: 107.677 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 58 Resp: 2680
Ion Ratio Lower Upper
58 100
43 306.4 223.1 334.7

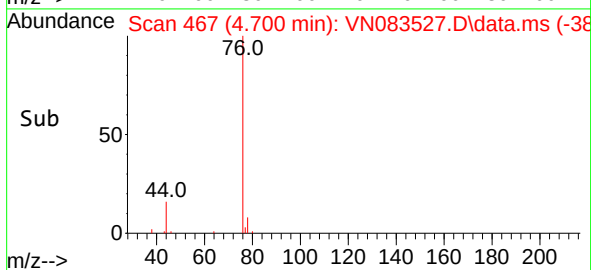
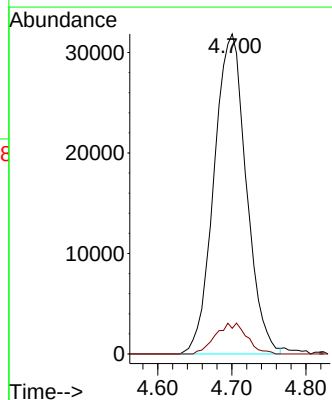
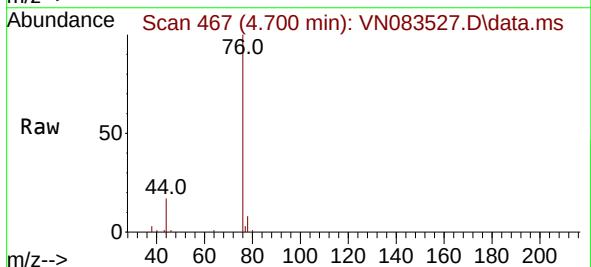
Manual Integrations
APPROVED

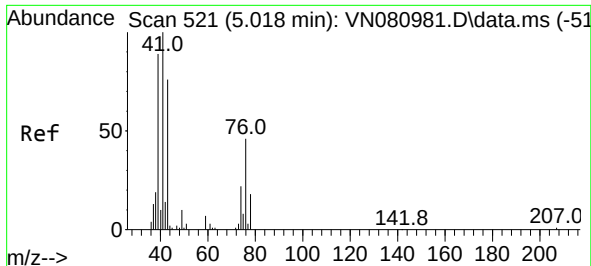
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#16
Carbon Disulfide
Concen: 17.995 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Tgt Ion: 76 Resp: 96305
Ion Ratio Lower Upper
76 100
78 8.0 6.3 9.5





#17

Allyl chloride

Concen: 18.839 ug/l

RT: 5.006 min Scan# 51

Delta R.T. -0.012 min

Lab File: VN083527.D

Acq: 28 Aug 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

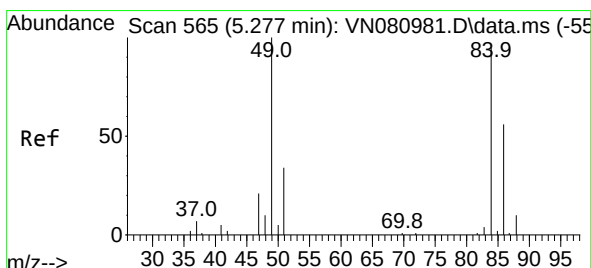
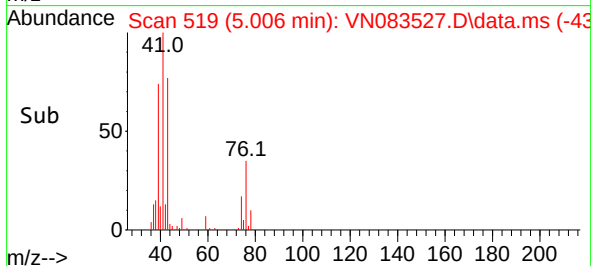
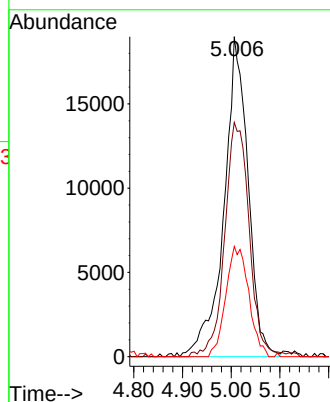
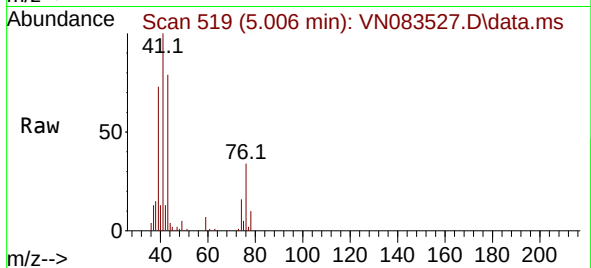
Tgt Ion:	41	Resp:	65218
Ion	Ratio	Lower	Upper
41	100		
39	73.2	37.6	112.9
76	34.5	27.8	83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#18

Methylene Chloride

Concen: 17.907 ug/l

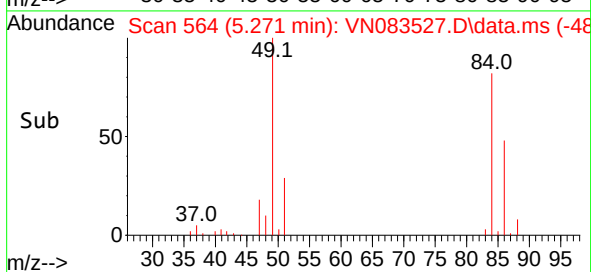
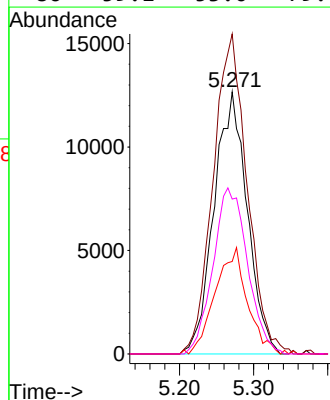
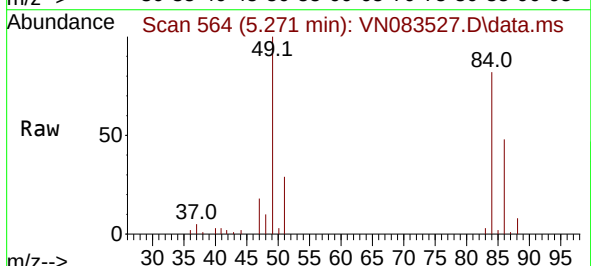
RT: 5.271 min Scan# 564

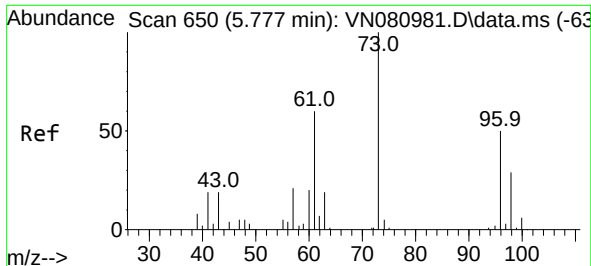
Delta R.T. -0.006 min

Lab File: VN083527.D

Acq: 28 Aug 2024 09:43

Tgt Ion:	84	Resp:	39357
Ion	Ratio	Lower	Upper
84	100		
49	122.1	86.0	129.0
51	35.3	30.0	45.0
86	59.1	53.0	79.4





#19

trans-1,2-Dichloroethene

Concen: 18.485 ug/l

RT: 5.777 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN083527.D

Acq: 28 Aug 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 96 Resp: 3721

Ion Ratio Lower Upper

96 100

61 136.0 111.8 167.6

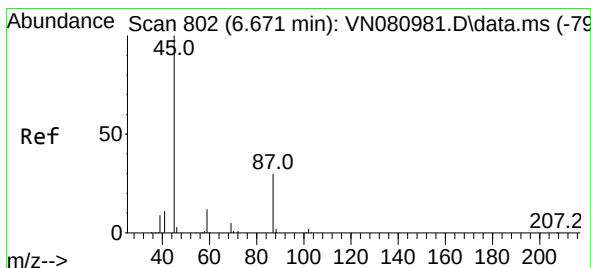
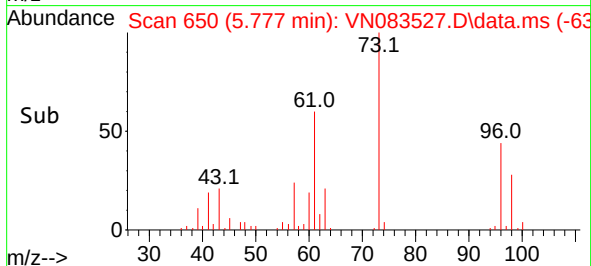
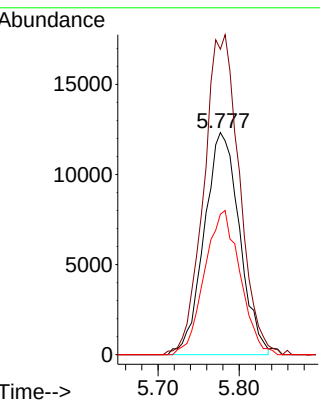
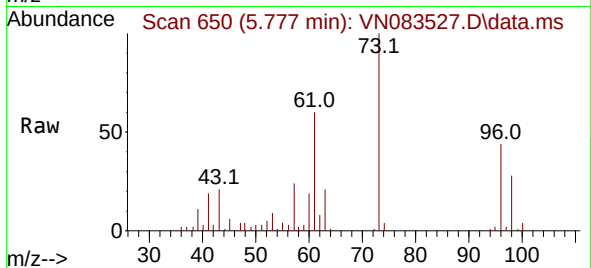
98 63.3 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#20

Diisopropyl ether

Concen: 17.127 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.000 min

Lab File: VN083527.D

Acq: 28 Aug 2024 09:43

Tgt Ion: 45 Resp: 128510

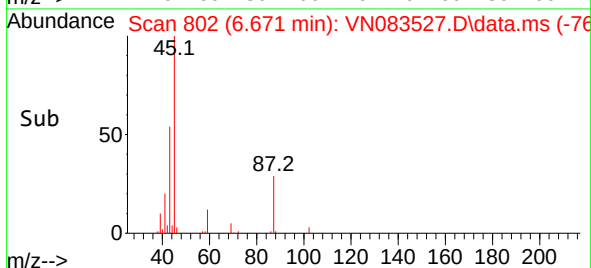
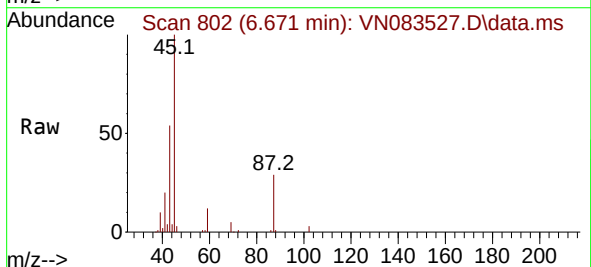
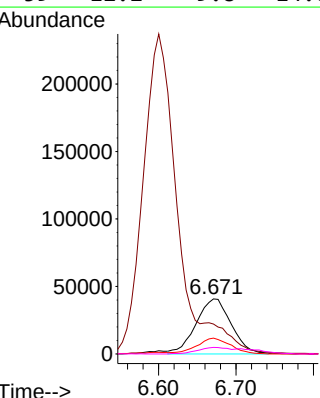
Ion Ratio Lower Upper

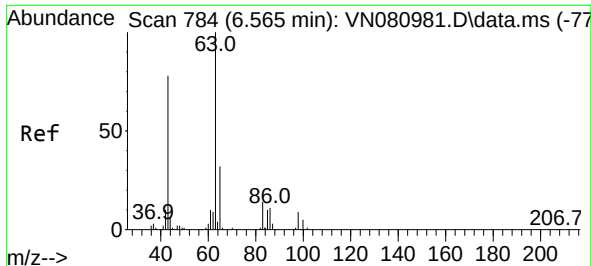
45 100

43 51.9 40.4 60.6

87 29.0 23.8 35.8

59 12.2 9.8 14.6





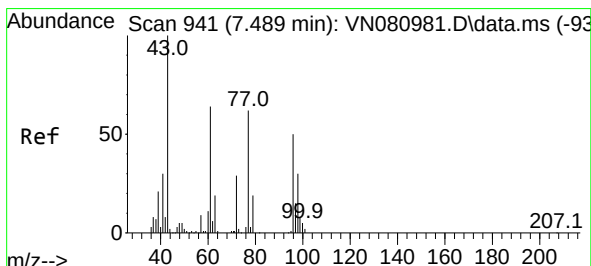
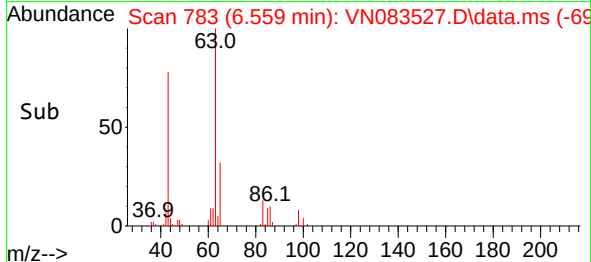
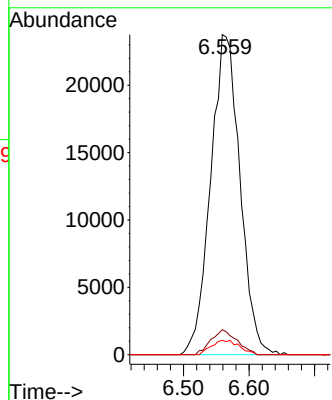
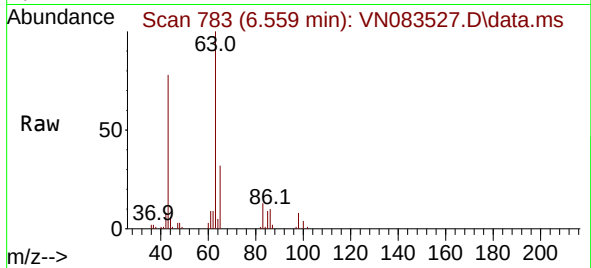
#21
1,1-Dichloroethane
Concen: 18.566 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 73764
Ion Ratio Lower Upper
63 100
98 7.8 4.1 12.3
100 4.5 3.0 9.0

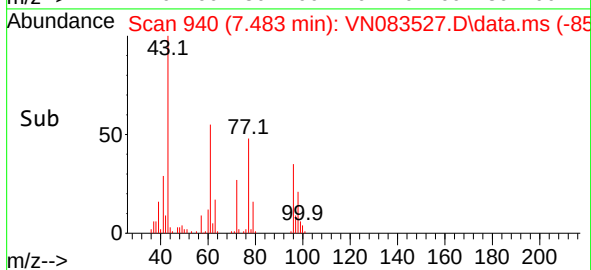
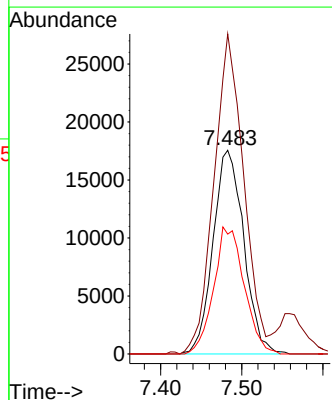
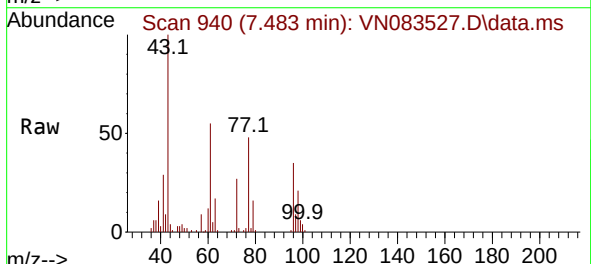
Manual Integrations
APPROVED

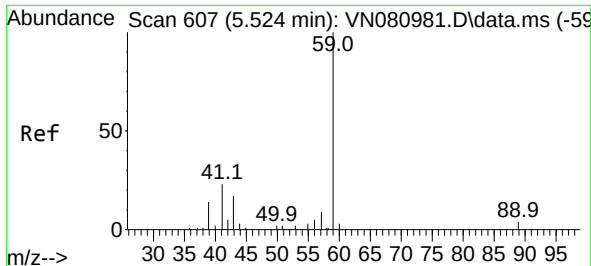
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#22
cis-1,2-Dichloroethene
Concen: 18.769 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

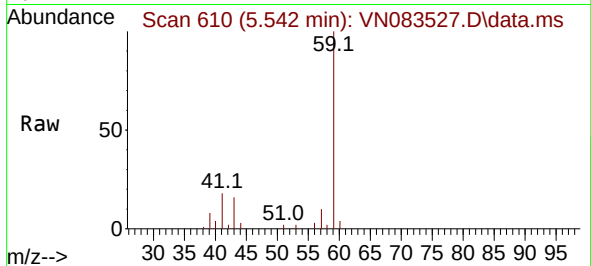
Tgt Ion: 96 Resp: 46147
Ion Ratio Lower Upper
96 100
61 152.0 113.5 170.3
98 62.0 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 92.929 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.018 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

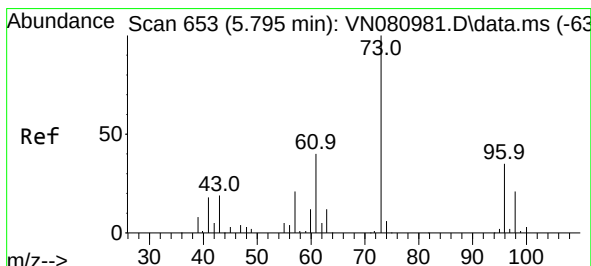
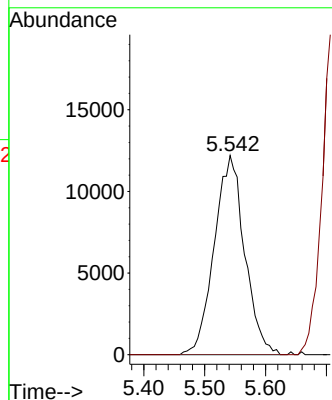
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 59 Resp: 42264
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

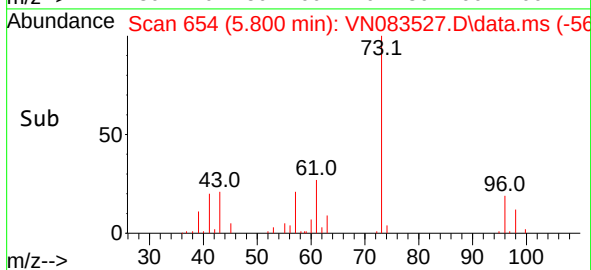
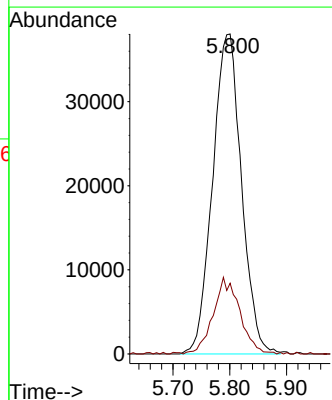
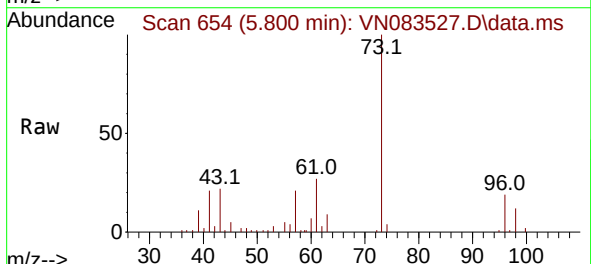
Manual Integrations
APPROVED

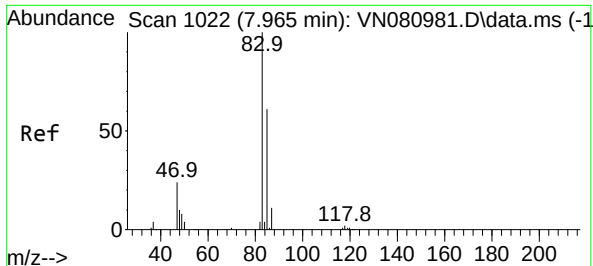
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#24
Methyl tert-Butyl Ether
Concen: 19.282 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Tgt Ion: 73 Resp: 134297
Ion Ratio Lower Upper
73 100
43 21.9 13.4 20.2#





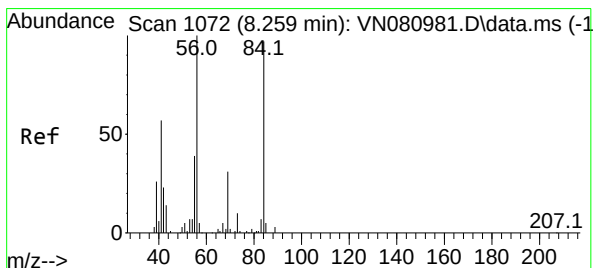
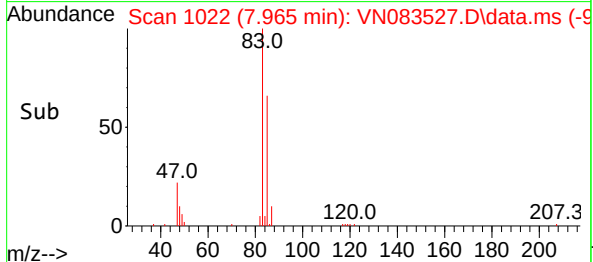
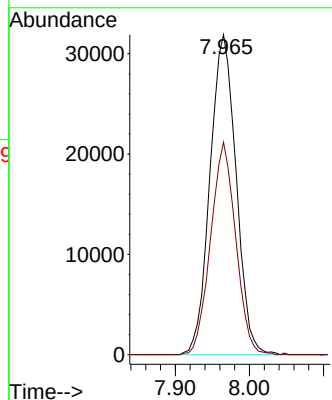
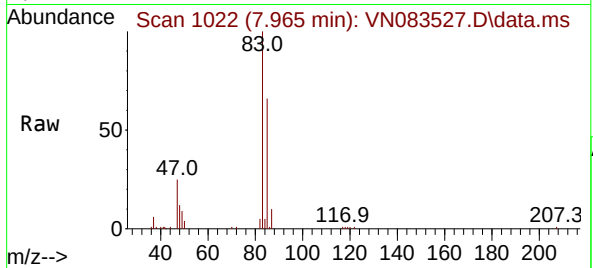
#25
Chloroform
Concen: 20.431 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 78095
Ion Ratio Lower Upper
83 100
85 66.4 50.9 76.3

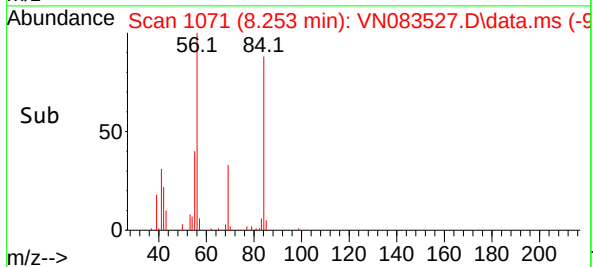
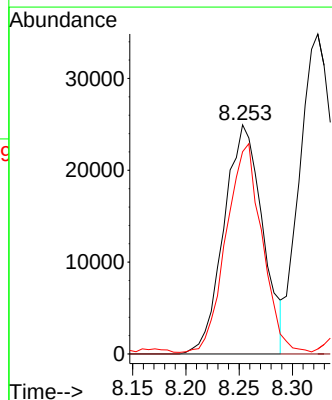
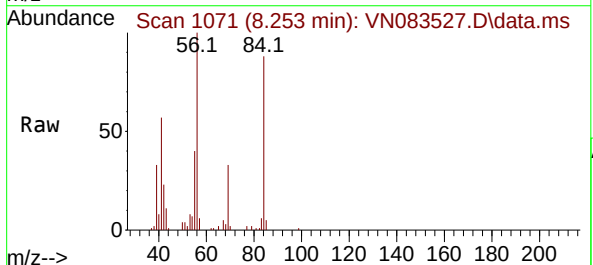
Manual Integrations
APPROVED

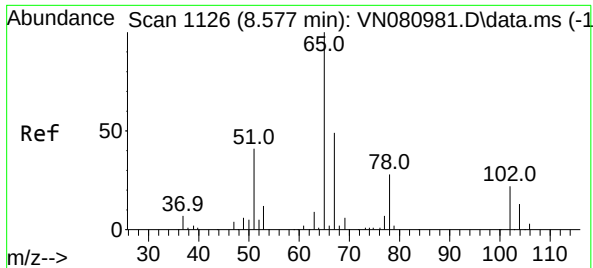
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#26
Cyclohexane
Concen: 18.489 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Tgt Ion: 56 Resp: 63143
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 86.2 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 31.353 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

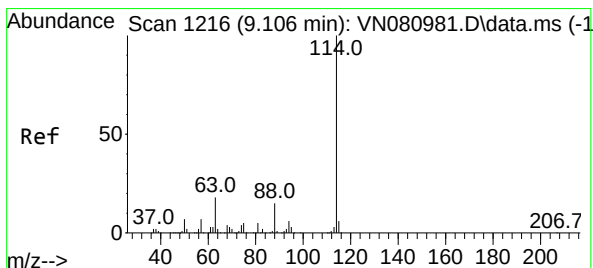
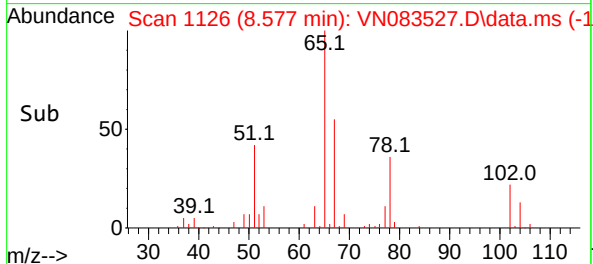
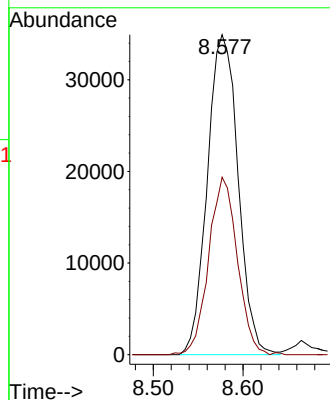
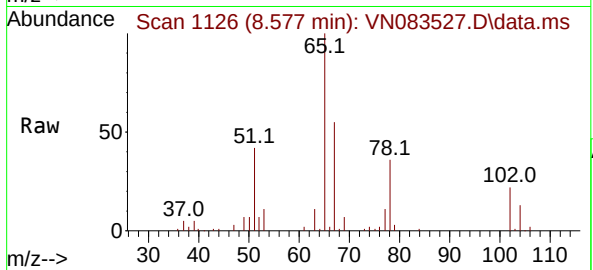
VSTDICCC020

Tgt Ion: 65 Resp: 83082
Ion Ratio Lower Upper
65 100
67 51.6 43.2 64.8

Manual Integrations

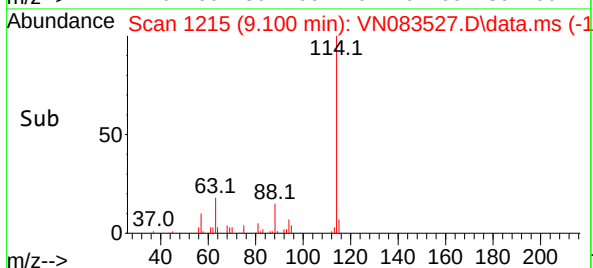
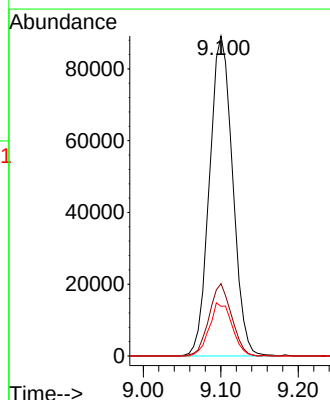
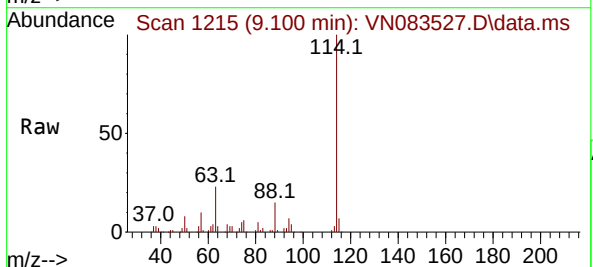
APPROVED

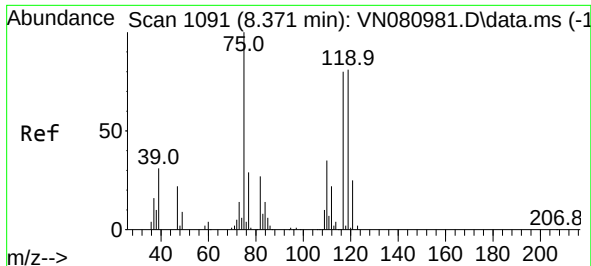
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

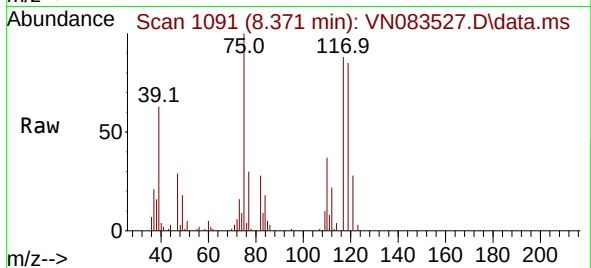
Tgt Ion:114 Resp: 185080
Ion Ratio Lower Upper
114 100
63 21.9 15.9 23.9
88 16.4 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.406 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

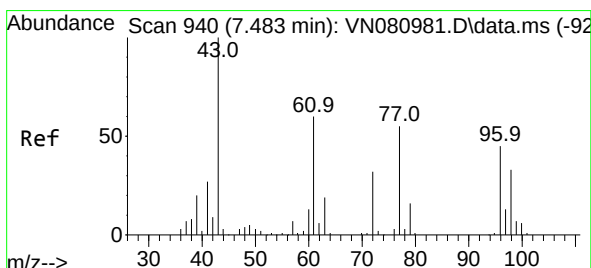
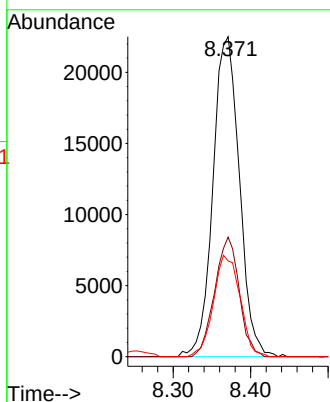
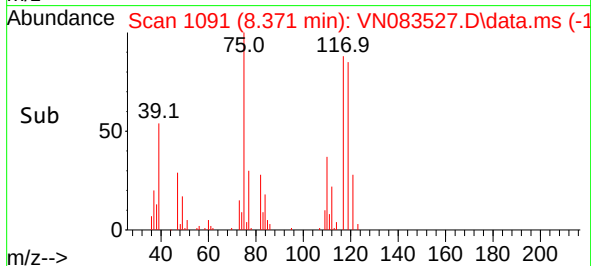
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75	Resp: 5347
Ion Ratio	Lower Upper
75 100	
110 34.5	0.0 70.2
77 31.8	0.0 61.4

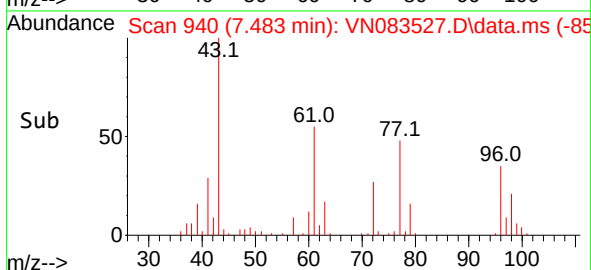
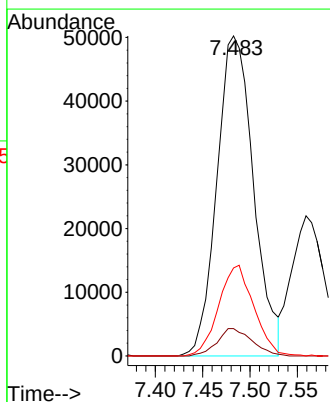
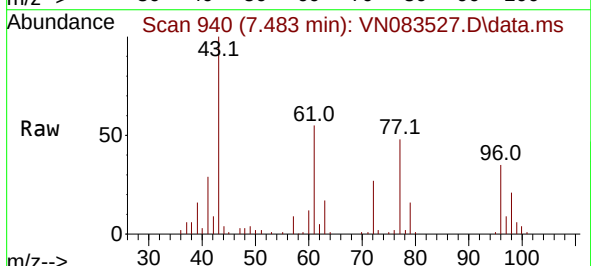
Manual Integrations
APPROVED

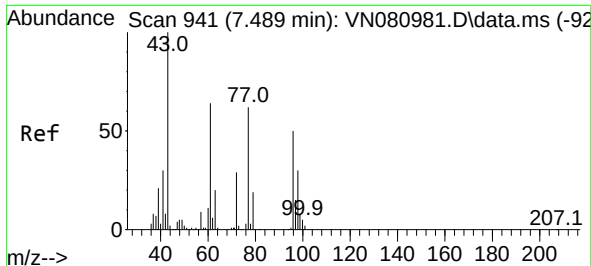
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#30
2-Butanone
Concen: 95.196 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

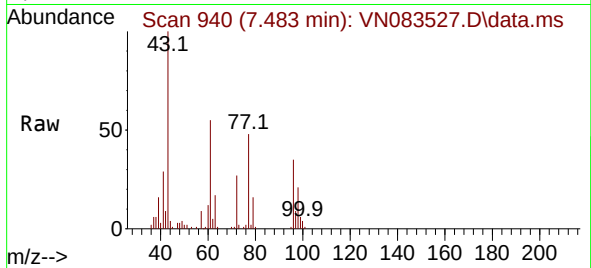
Tgt Ion: 43	Resp: 135210
Ion Ratio	Lower Upper
43 100	
57 8.2	6.7 10.1
72 27.2	24.0 36.0





#31
2,2-Dichloropropane
Concen: 24.498 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

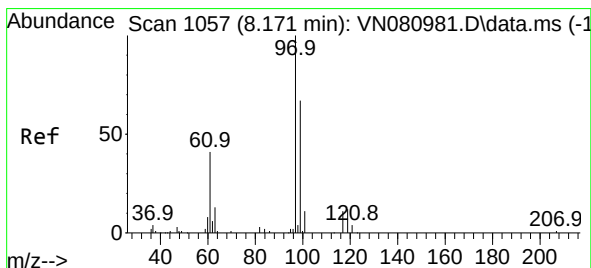
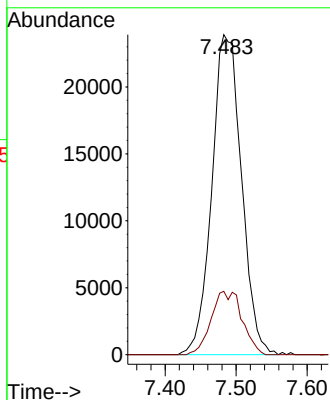
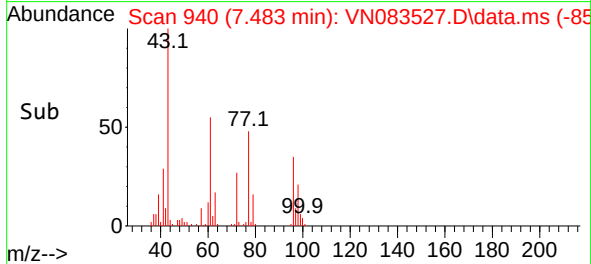
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



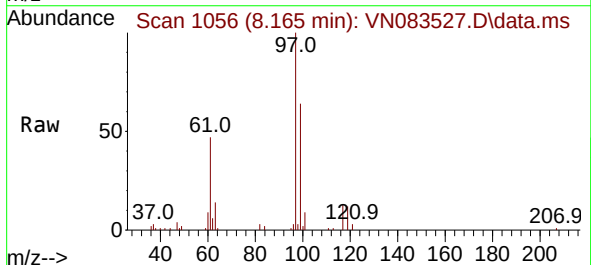
Tgt Ion: 77 Resp: 6917
Ion Ratio Lower Upper
77 100
97 12.0 18.3 27.5

Manual Integrations
APPROVED

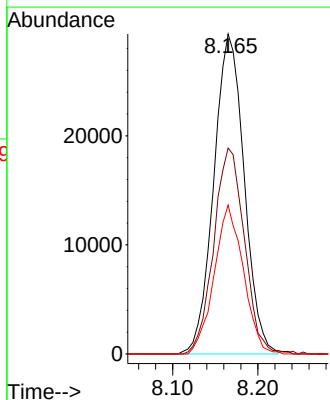
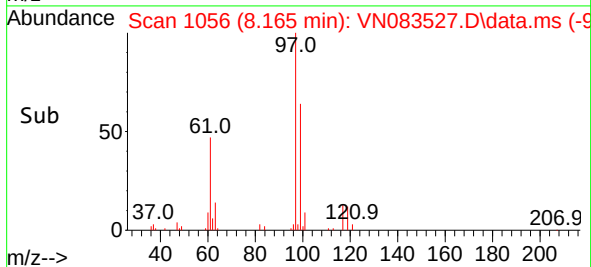
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

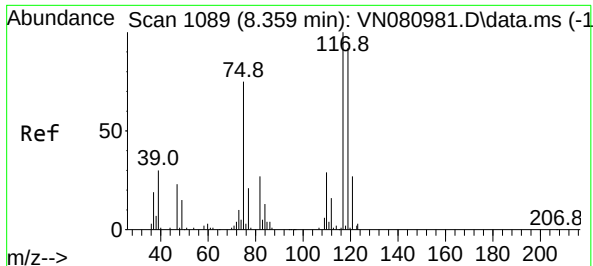


#32
1,1,1-Trichloroethane
Concen: 22.939 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43



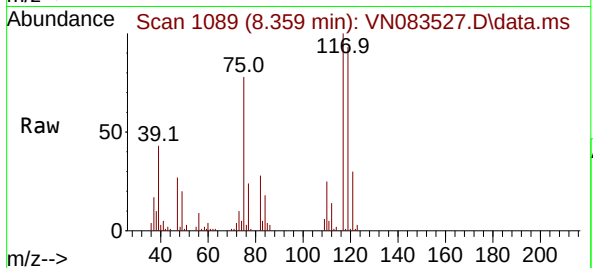
Tgt Ion: 97 Resp: 72693
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 44.6 33.8 50.8





#33
Carbon Tetrachloride
Concen: 24.007 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

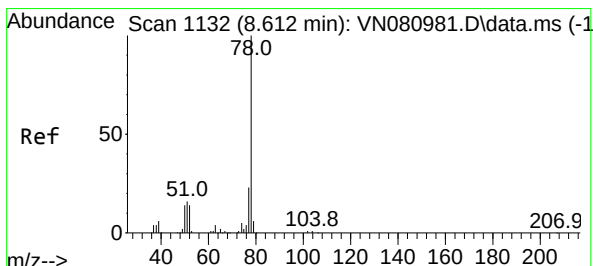
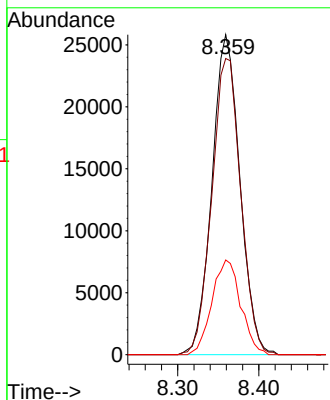
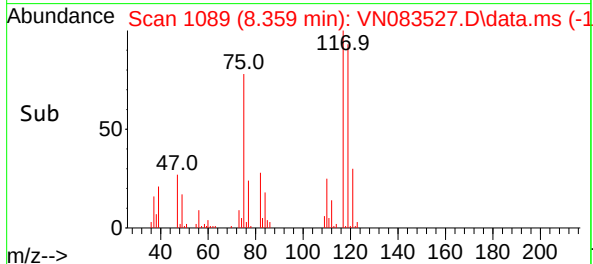
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



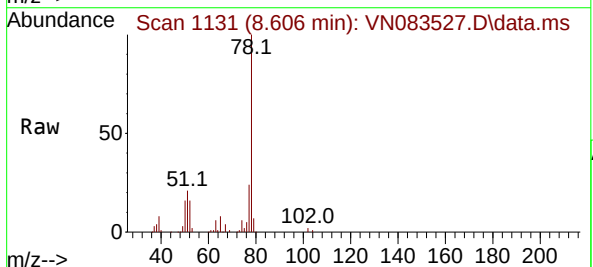
Tgt Ion: 117 Resp: 6174
Ion Ratio Lower Upper
117 100
119 92.6 77.7 116.5
121 29.6 27.0 40.6

Manual Integrations
APPROVED

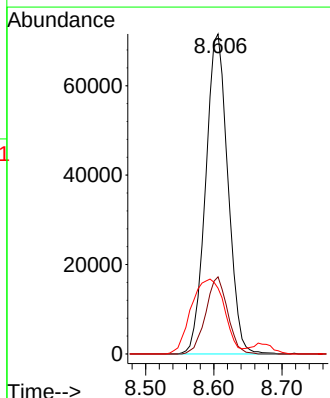
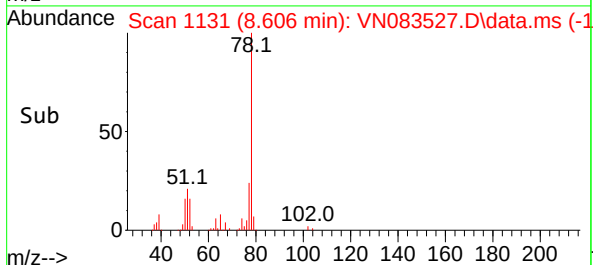
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

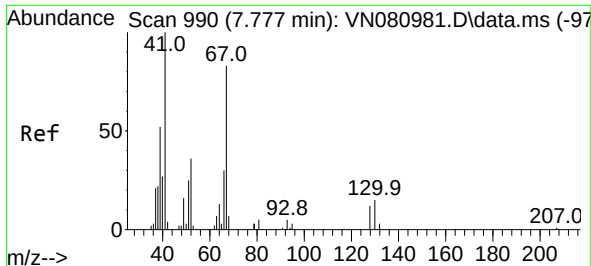


#34
Benzene
Concen: 18.438 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43



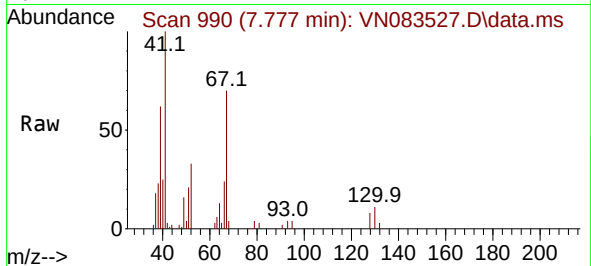
Tgt Ion: 78 Resp: 162072
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8
51 19.6 13.3 19.9





#35
Methacrylonitrile
Concen: 17.576 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

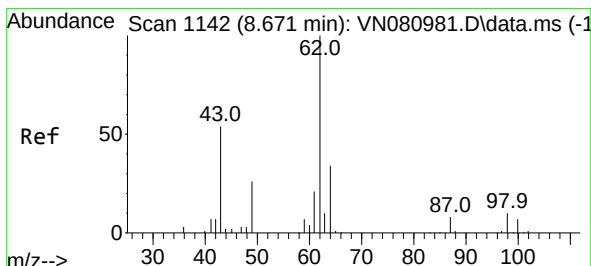
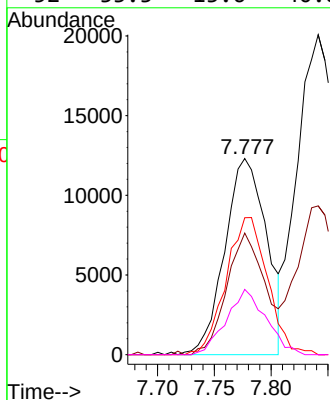
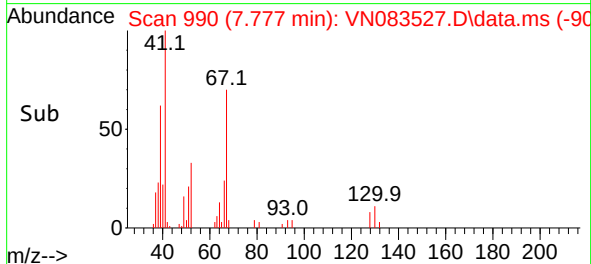
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020



Tgt Ion: 41 Resp: 3158
Ion Ratio Lower Upper
41 100
39 60.2 25.3 75.9
67 69.8 38.7 116.1
52 33.3 13.6 40.8

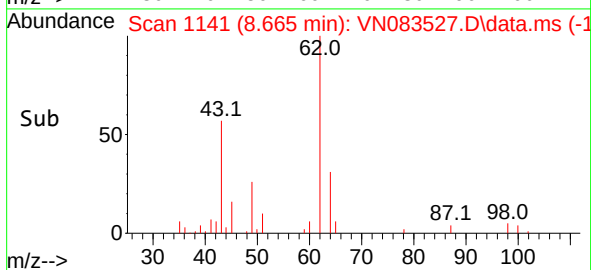
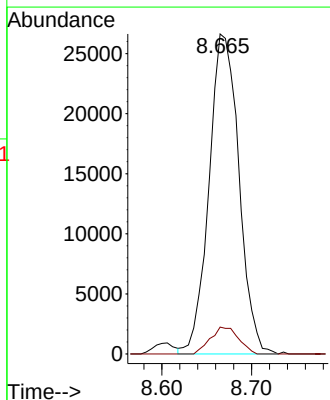
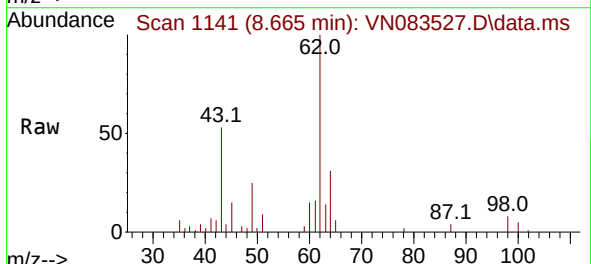
Manual Integrations
APPROVED

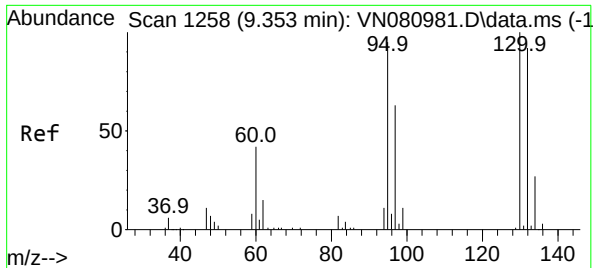
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#36
1,2-Dichloroethane
Concen: 20.892 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

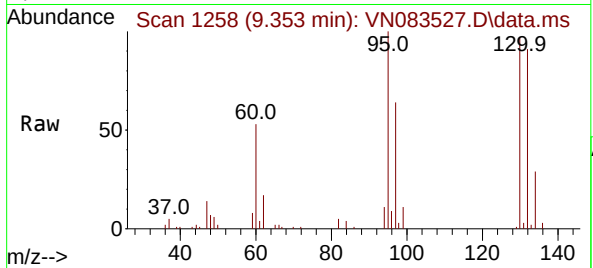
Tgt Ion: 62 Resp: 61648
Ion Ratio Lower Upper
62 100
98 7.9 8.2 12.4#





#37
Trichloroethene
Concen: 17.787 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

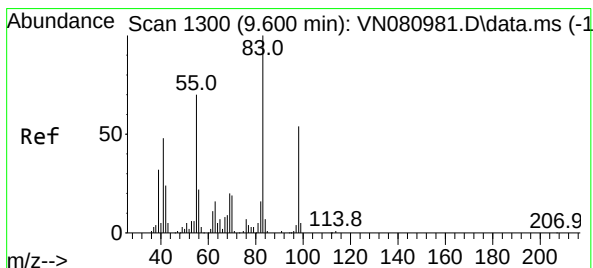
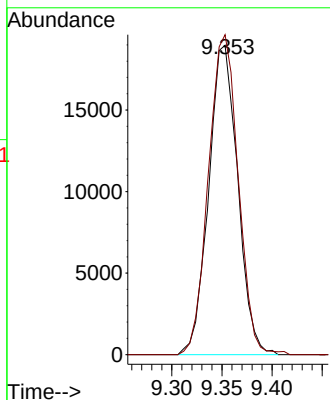
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



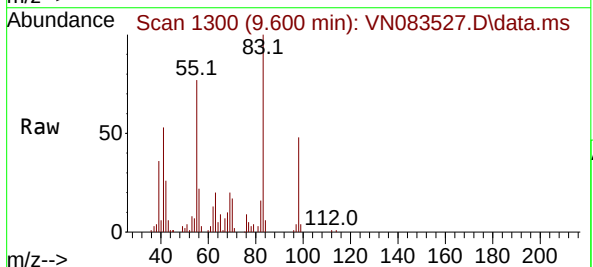
Tgt Ion:130 Resp: 38290
Ion Ratio Lower Upper
130 100
95 103.4 80.2 120.4

Manual Integrations
APPROVED

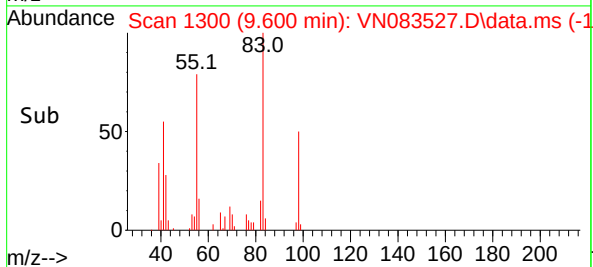
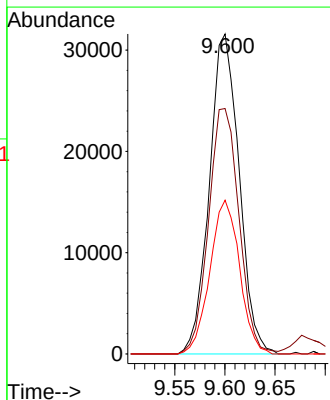
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

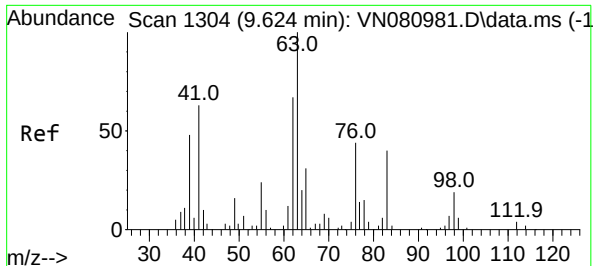


#38
Methylcyclohexane
Concen: 19.581 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43



Tgt Ion: 83 Resp: 65178
Ion Ratio Lower Upper
83 100
55 78.3 36.6 109.9
98 47.9 23.8 71.5





#39

1,2-Dichloropropane

Concen: 17.839 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083527.D

Acq: 28 Aug 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 40230

Ion Ratio Lower Upper

63 100

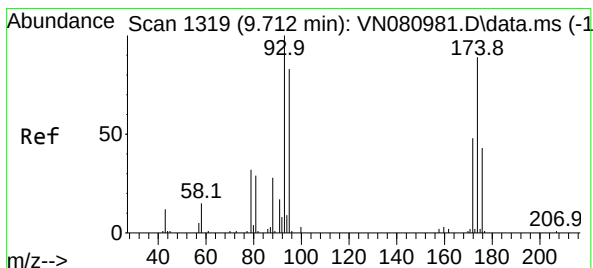
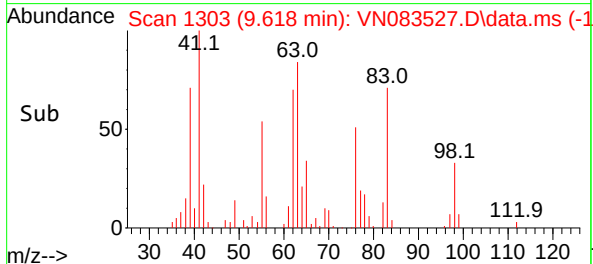
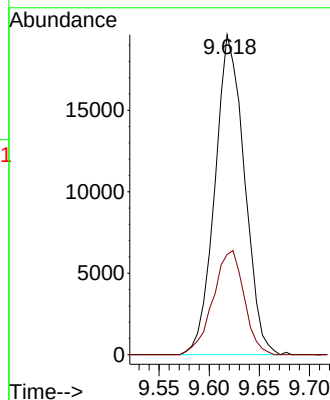
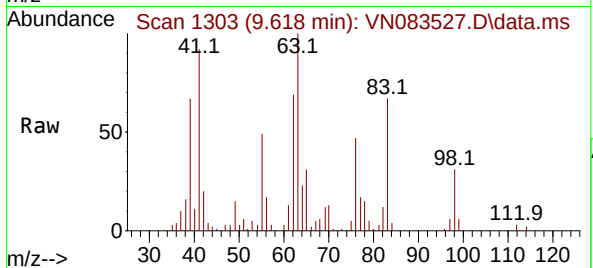
65 31.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#40

Dibromomethane

Concen: 19.826 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083527.D

Acq: 28 Aug 2024 09:43

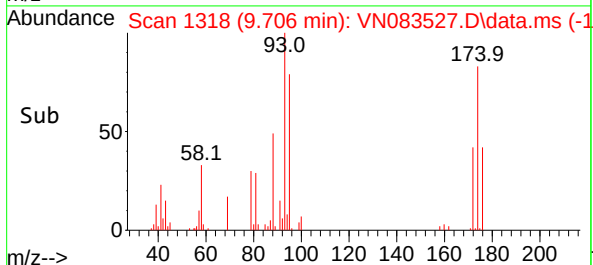
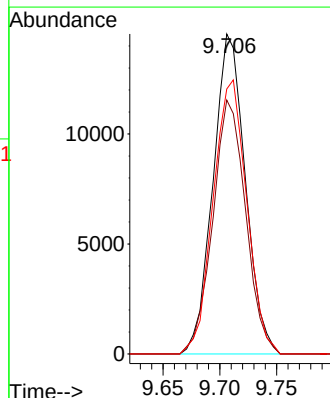
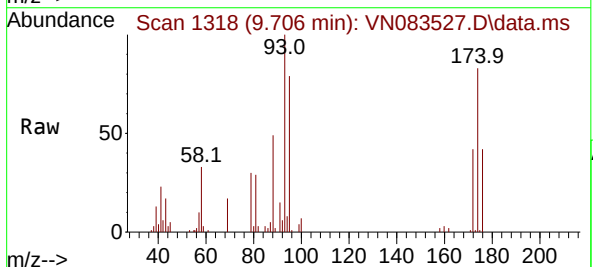
Tgt Ion: 93 Resp: 28728

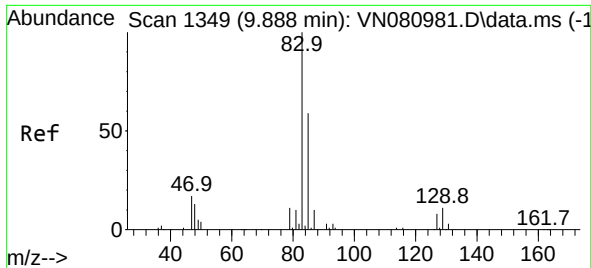
Ion Ratio Lower Upper

93 100

95 80.8 0.0 164.6

174 89.2 0.0 193.2





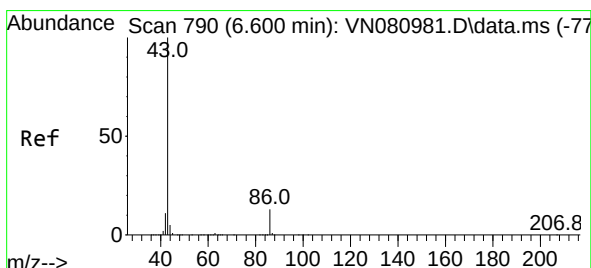
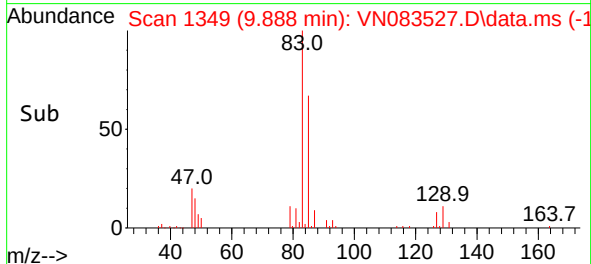
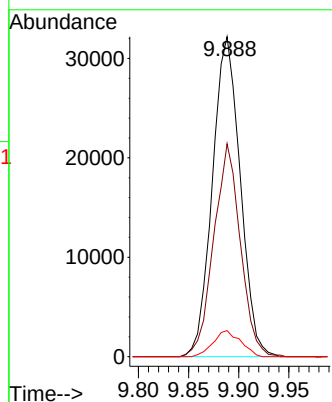
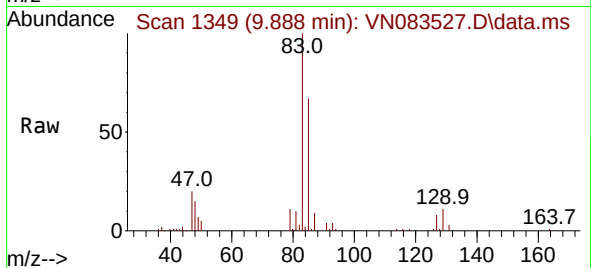
#41
Bromodichloromethane
Concen: 20.055 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 62110
Ion Ratio Lower Upper
83 100
85 66.6 49.4 74.2
127 8.2 7.3 10.9

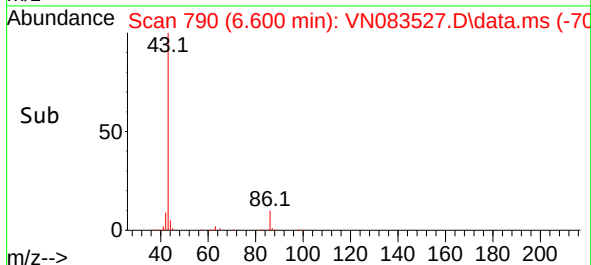
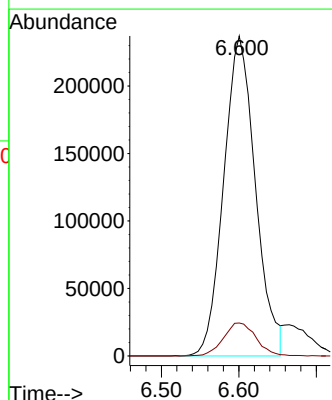
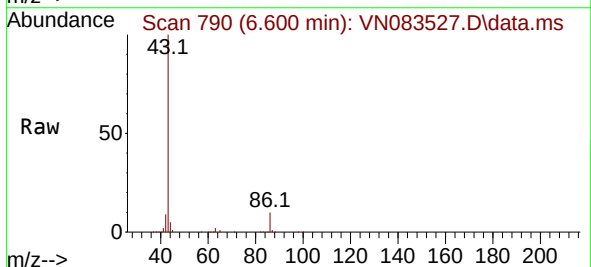
Manual Integrations
APPROVED

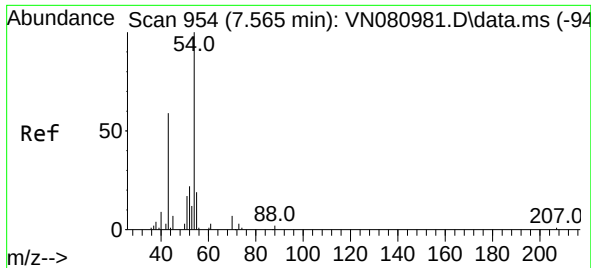
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#42
Vinyl Acetate
Concen: 111.640 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

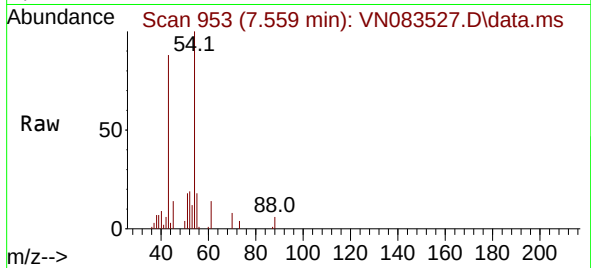
Tgt Ion: 43 Resp: 674910
Ion Ratio Lower Upper
43 100
86 10.6 9.4 14.2





#43
Ethyl Acetate
Concen: 15.348 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

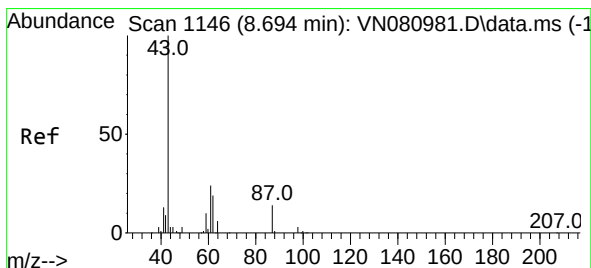
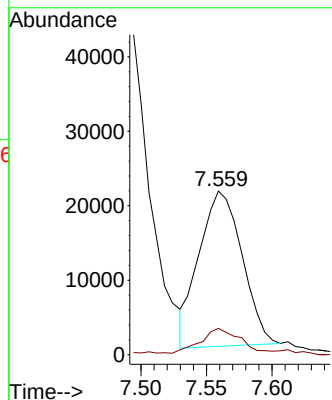
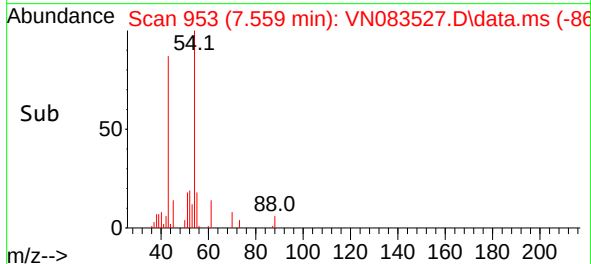
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



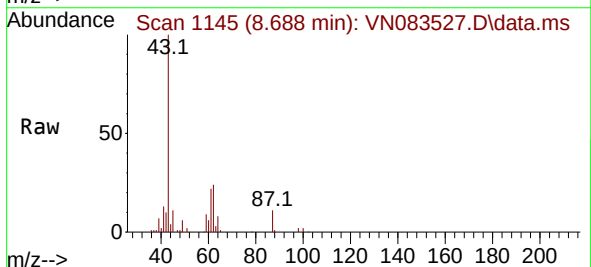
Tgt Ion: 43 Resp: 47692
Ion Ratio Lower Upper
43 100
45 14.7 10.6 15.8

Manual Integrations
APPROVED

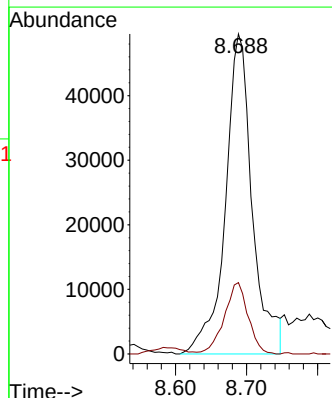
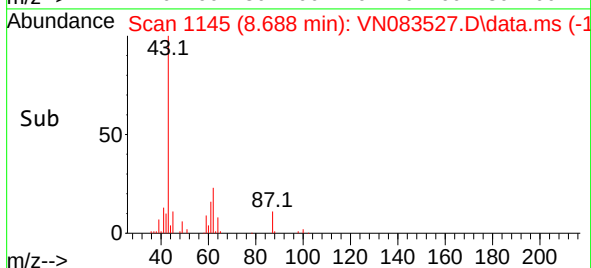
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

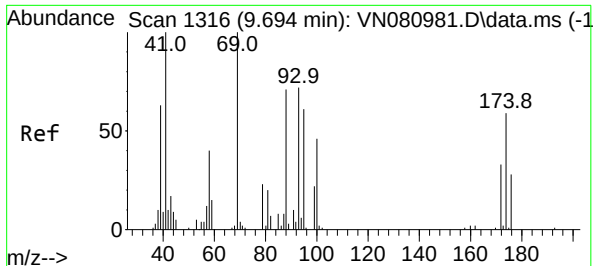


#44
Isopropyl Acetate
Concen: 23.762 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43



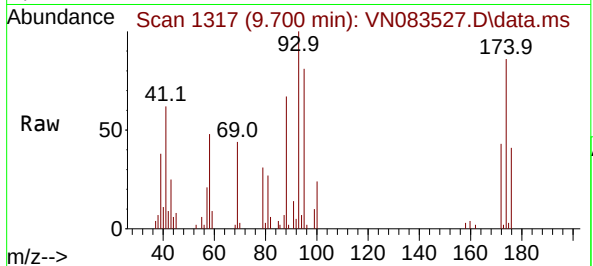
Tgt Ion: 43 Resp: 130624
Ion Ratio Lower Upper
43 100
61 19.7 25.0 37.4#





#45
1,4-Dioxane
Concen: 377.610 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

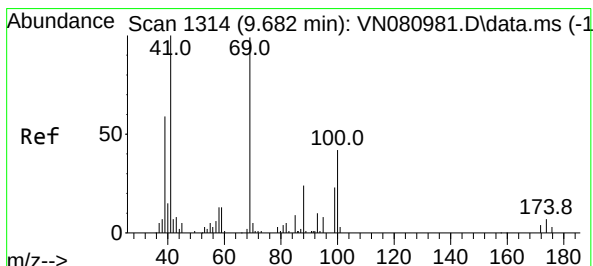
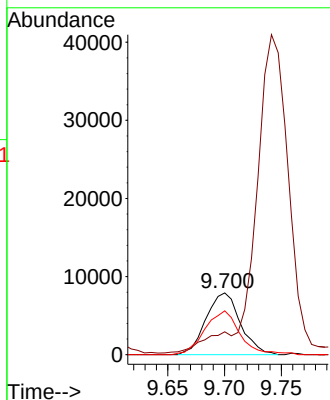
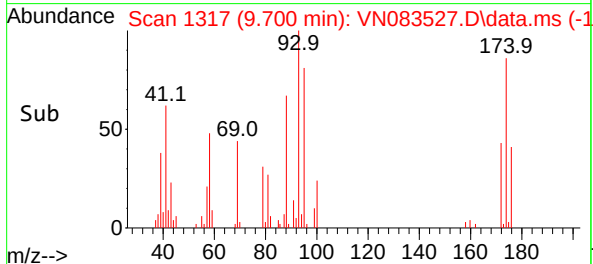
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 88 Resp: 16649
Ion Ratio Lower Upper
88 100
43 29.3 19.8 29.6
58 72.4 55.4 83.0

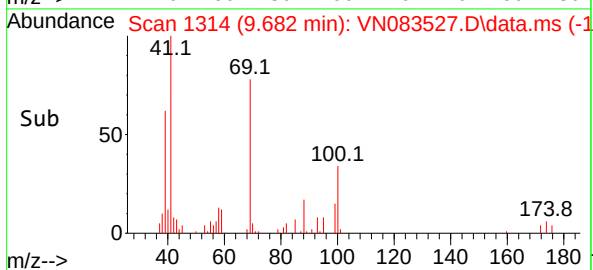
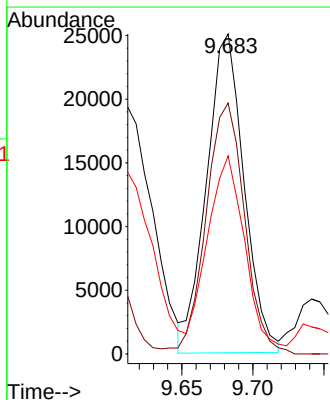
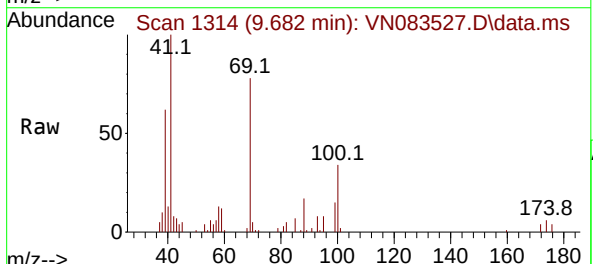
Manual Integrations
APPROVED

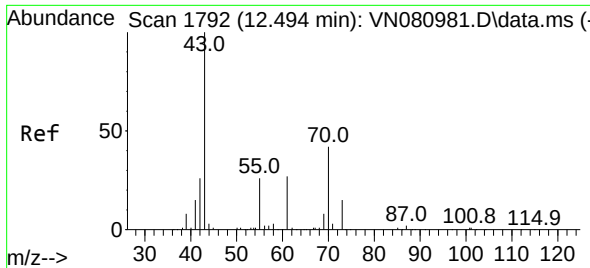
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#46
Methyl methacrylate
Concen: 18.295 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

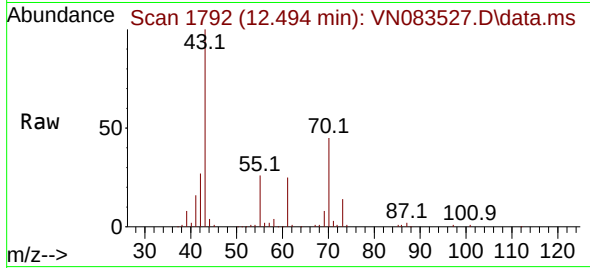
Tgt Ion: 41 Resp: 45952
Ion Ratio Lower Upper
41 100
69 79.7 51.1 153.3
39 61.2 25.8 77.3





#47
n-amy1 Acetate
Concen: 16.664 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

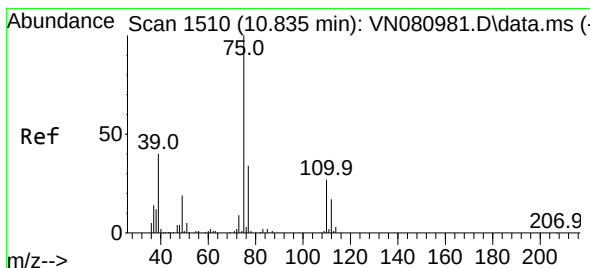
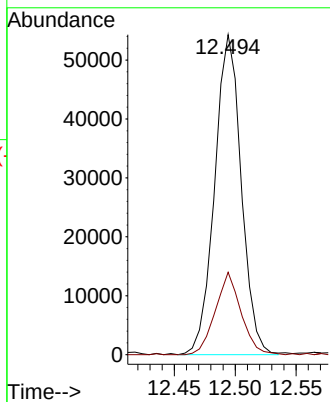
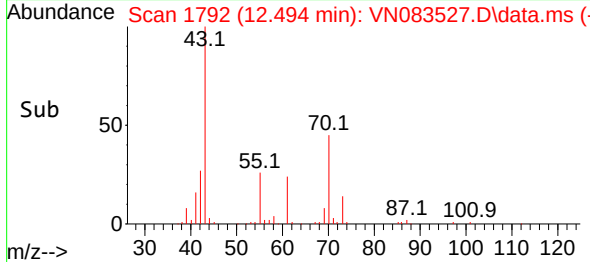
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 82610
Ion Ratio Lower Upper
43 100
55 24.8 23.4 35.2

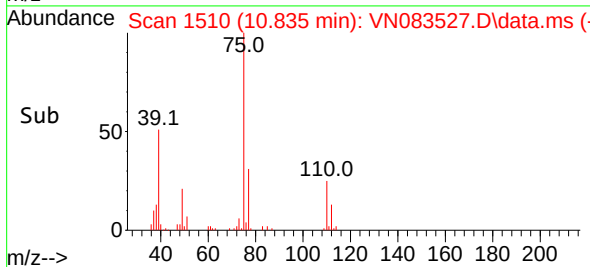
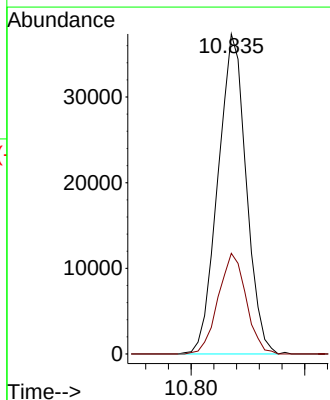
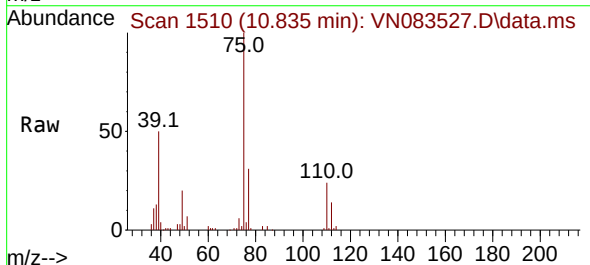
Manual Integrations
APPROVED

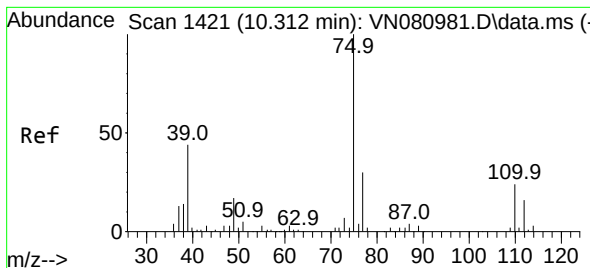
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#48
t-1,3-Dichloropropene
Concen: 19.186 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Tgt Ion: 75 Resp: 64436
Ion Ratio Lower Upper
75 100
77 31.5 23.8 35.6





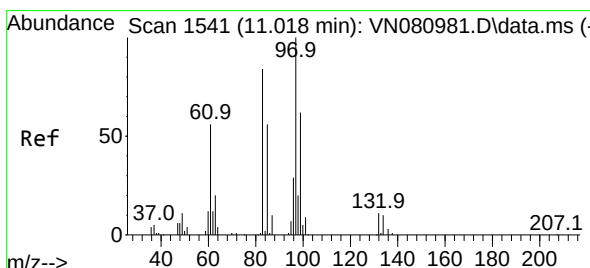
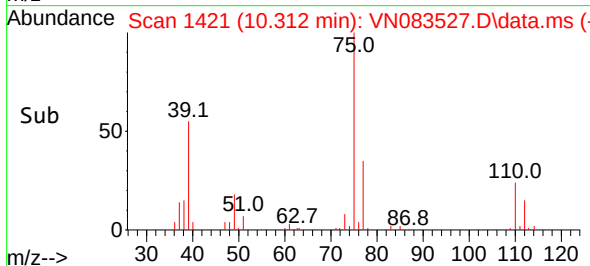
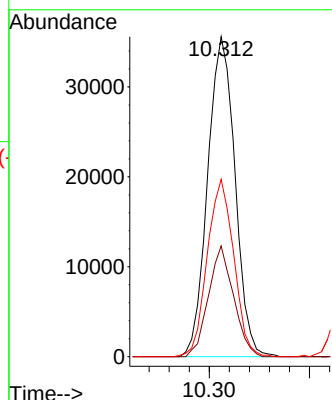
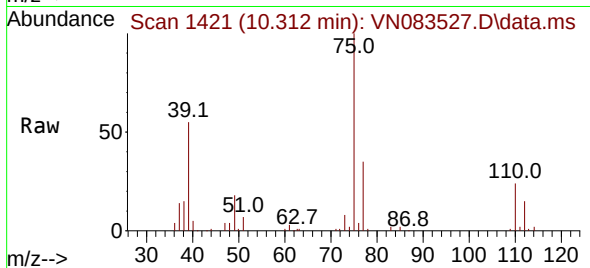
#49
 cis-1,3-Dichloropropene
 Concen: 19.015 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083527.D
 Acq: 28 Aug 2024 09:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 75 Resp: 67519
 Ion Ratio Lower Upper
 75 100
 77 34.6 24.9 37.3
 39 55.4 31.0 46.6

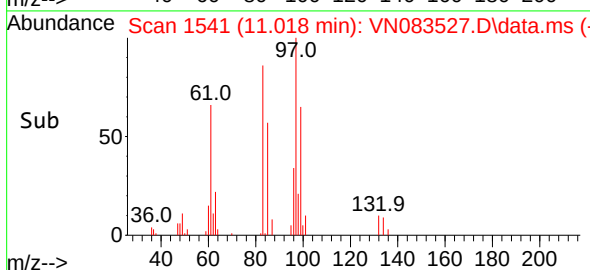
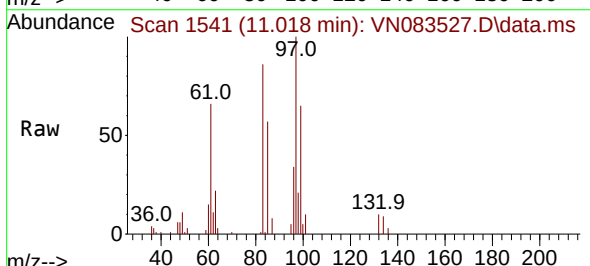
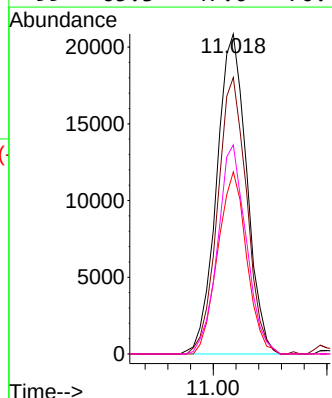
Manual Integrations
 APPROVED

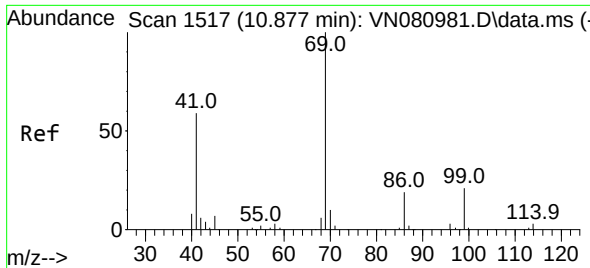
Reviewed By :John Carlone 08/28/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#50
 1,1,2-Trichloroethane
 Concen: 19.534 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN083527.D
 Acq: 28 Aug 2024 09:43

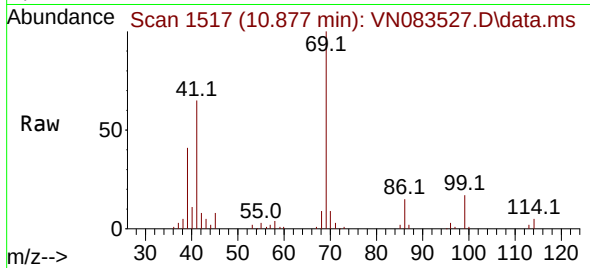
Tgt Ion: 97 Resp: 38401
 Ion Ratio Lower Upper
 97 100
 83 86.4 68.1 102.1
 85 56.9 41.8 62.6
 99 65.3 47.0 70.4





#51
Ethyl methacrylate
Concen: 17.721 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

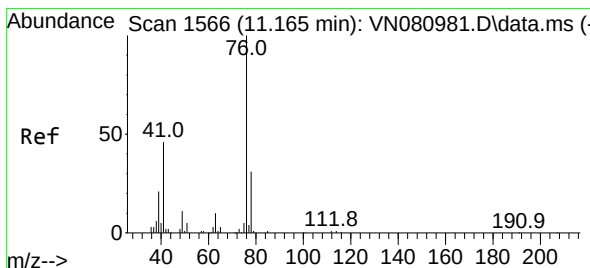
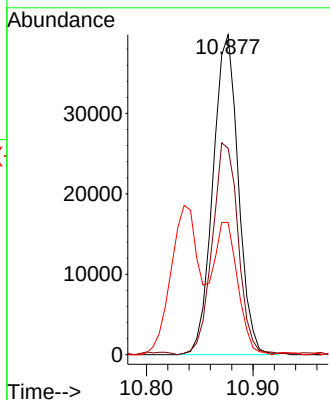
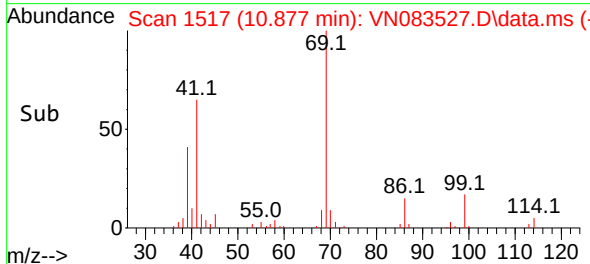
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



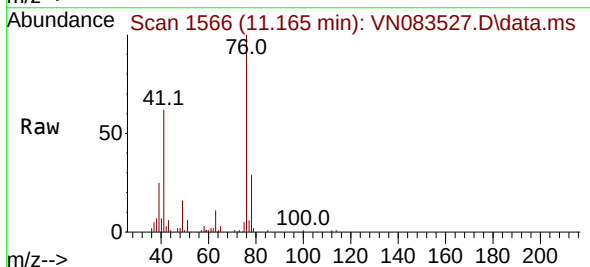
Tgt Ion: 69 Resp: 65749
Ion Ratio Lower Upper
69 100
41 64.5 25.5 76.5
39 40.8 16.0 47.9

Manual Integrations
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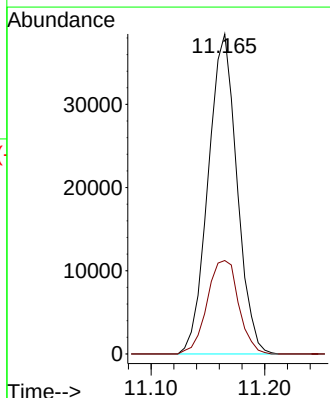
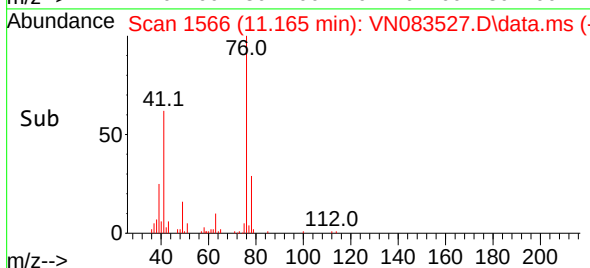
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

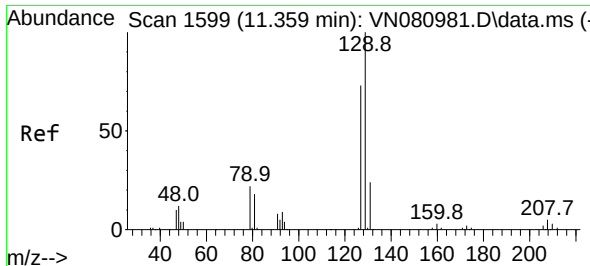


#52
1,3-Dichloropropane
Concen: 18.761 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43



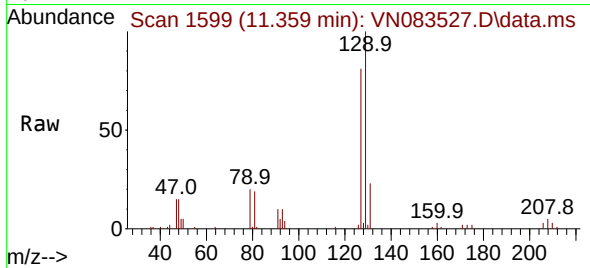
Tgt Ion: 76 Resp: 67757
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.8





#53
Dibromochloromethane
Concen: 20.894 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

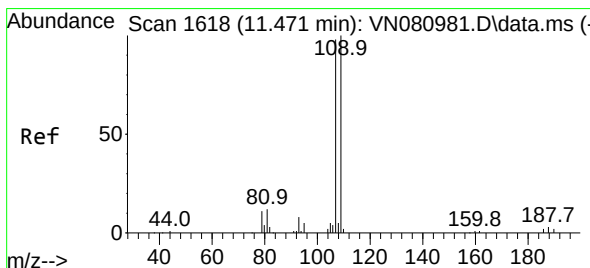
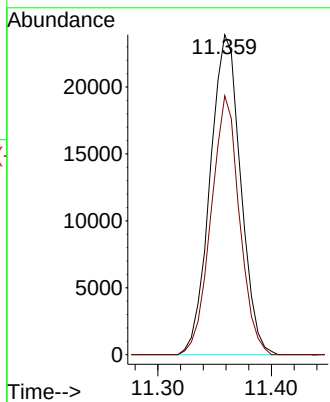
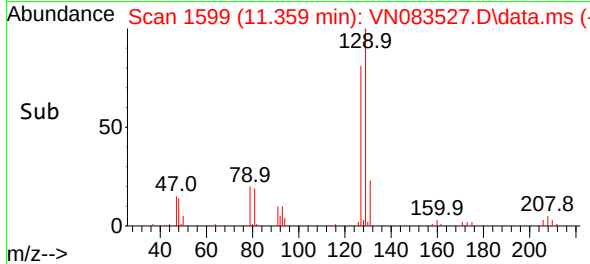
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



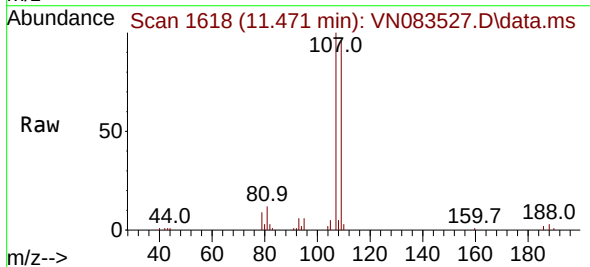
Tgt Ion:129 Resp: 44689
Ion Ratio Lower Upper
129 100
127 75.2 39.4 118.1

Manual Integrations
APPROVED

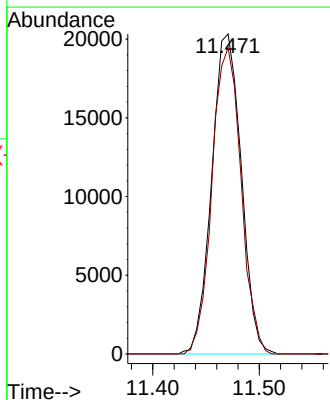
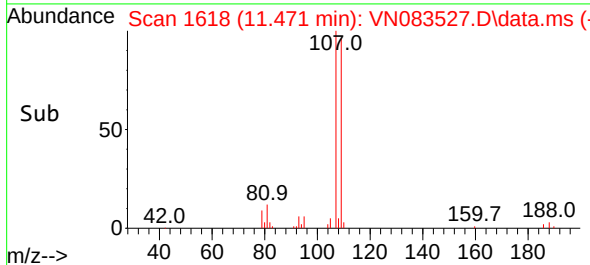
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

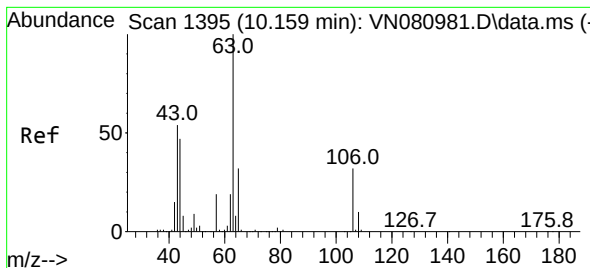


#54
1,2-Dibromoethane
Concen: 19.937 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43



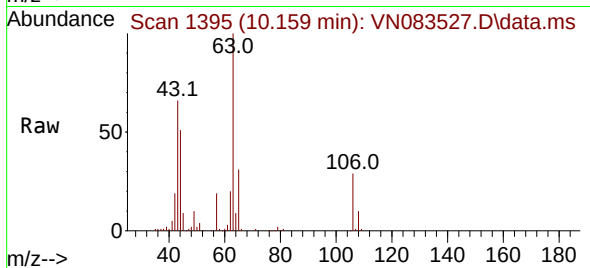
Tgt Ion:107 Resp: 39088
Ion Ratio Lower Upper
107 100
109 94.2 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 82.575 ug/l
RT: 10.159 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

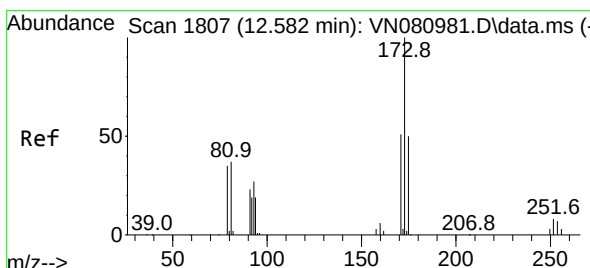
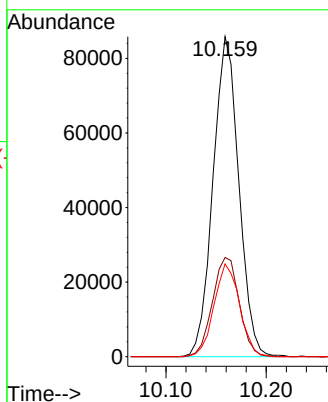
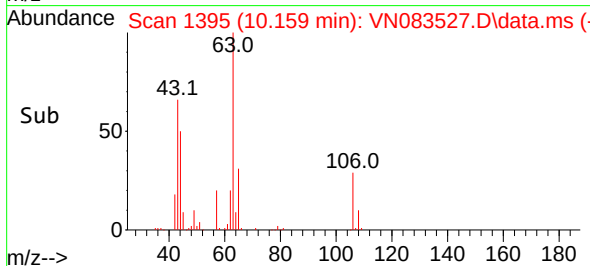
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 15320
Ion Ratio Lower Upper
63 100
65 32.1 26.2 39.2
106 28.7 23.8 35.8

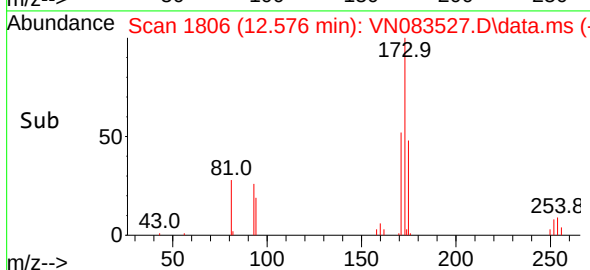
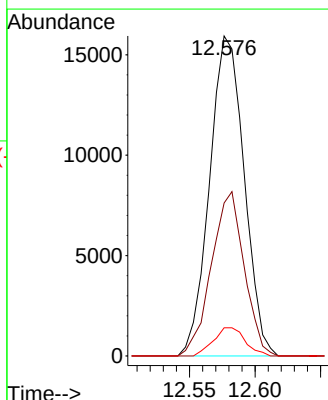
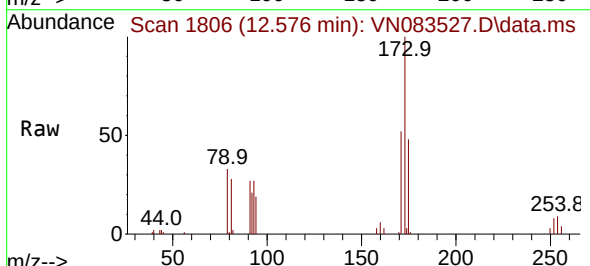
Manual Integrations
APPROVED

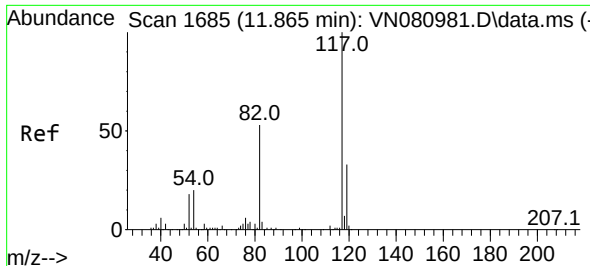
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#56
Bromoform
Concen: 22.460 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

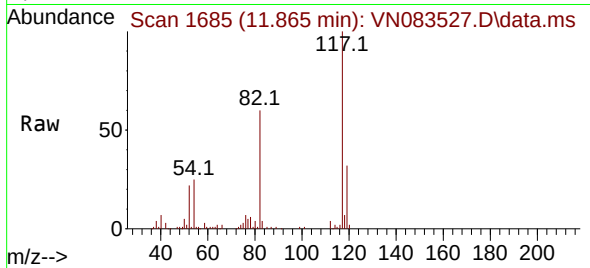
Tgt Ion:173 Resp: 29237
Ion Ratio Lower Upper
173 100
175 48.6 40.0 60.0
254 8.1 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

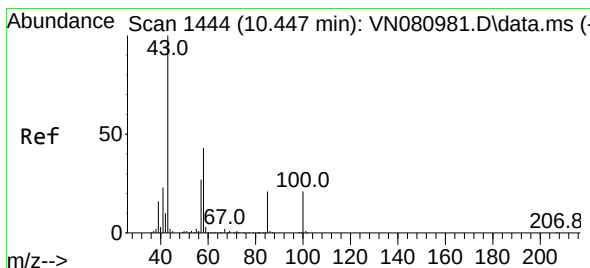
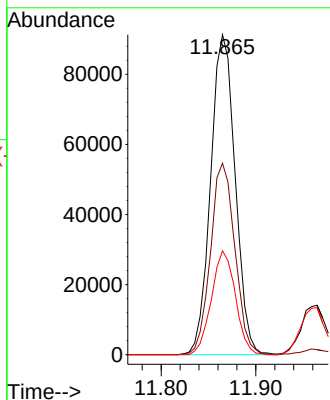
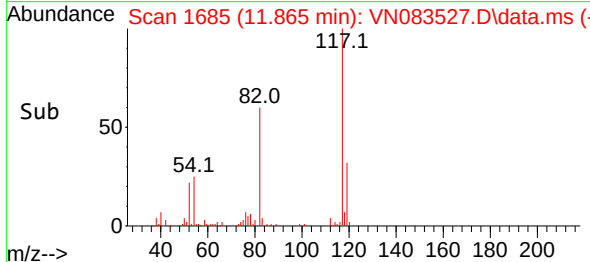
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 16481
Ion Ratio Lower Upper
117 100
82 59.4 46.6 69.8
119 31.6 25.4 38.2

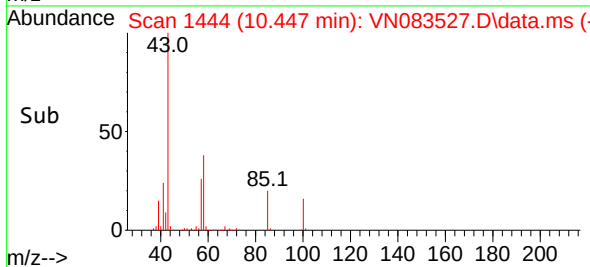
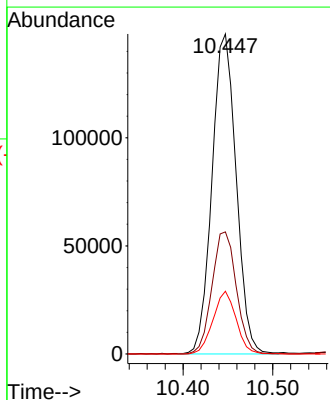
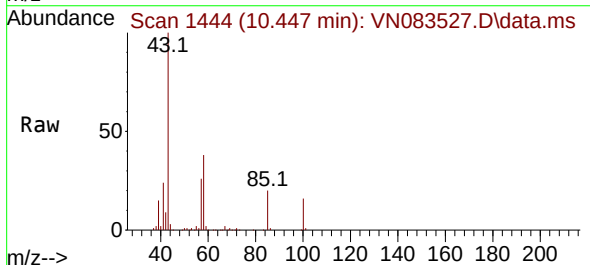
Manual Integrations
APPROVED

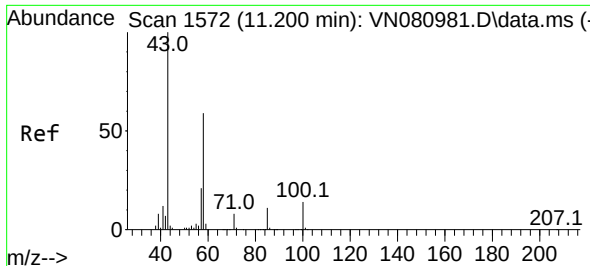
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#58
4-Methyl-2-Pentanone
Concen: 86.561 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

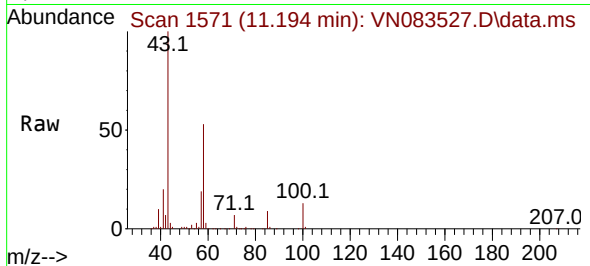
Tgt Ion: 43 Resp: 276993
Ion Ratio Lower Upper
43 100
58 38.5 36.5 54.7
85 18.7 19.5 29.3





#59
2-Hexanone
Concen: 87.558 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

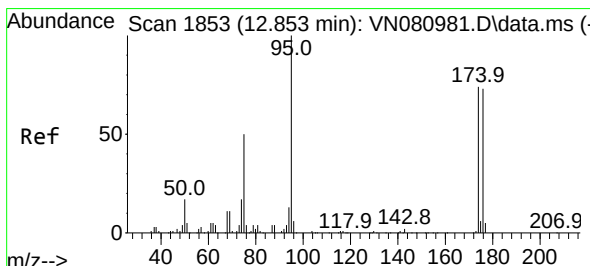
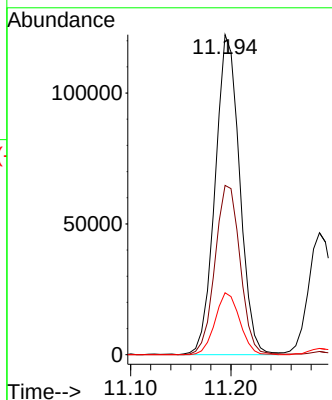
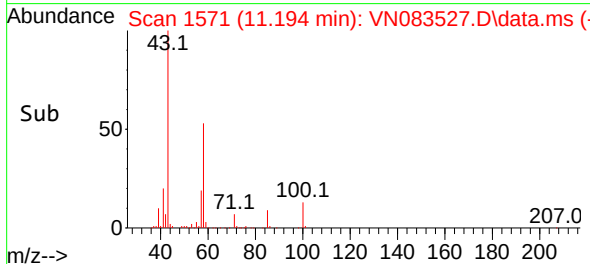
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 207750
Ion Ratio Lower Upper
43 100
58 54.2 50.4 75.6
57 19.4 18.6 27.8

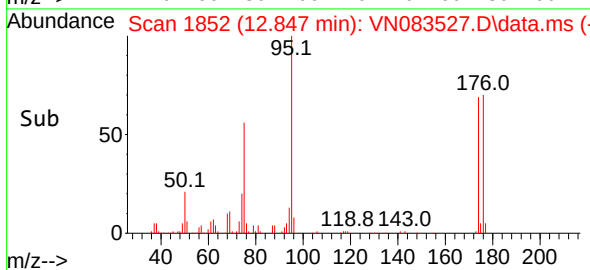
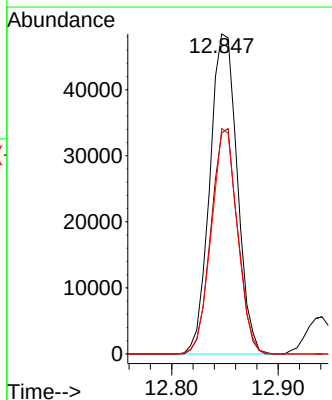
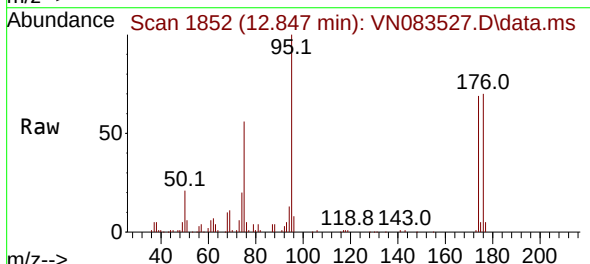
Manual Integrations
APPROVED

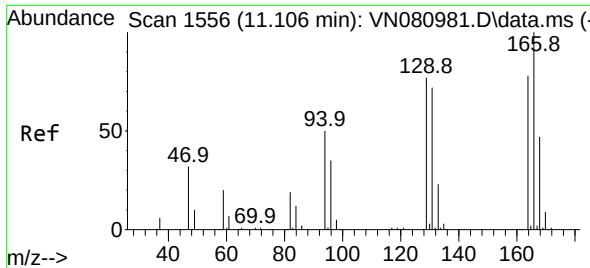
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#60
4-Bromofluorobenzene
Concen: 31.508 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

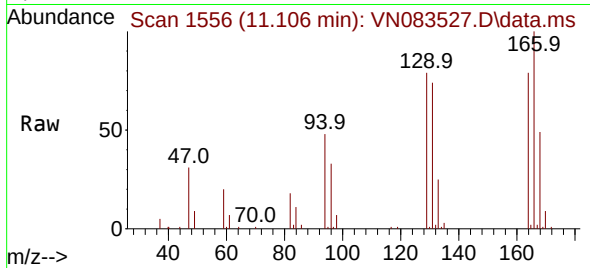
Tgt Ion: 95 Resp: 86422
Ion Ratio Lower Upper
95 100
174 68.2 60.5 90.7
176 67.5 57.8 86.6





#61
Tetrachloroethene
Concen: 17.596 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

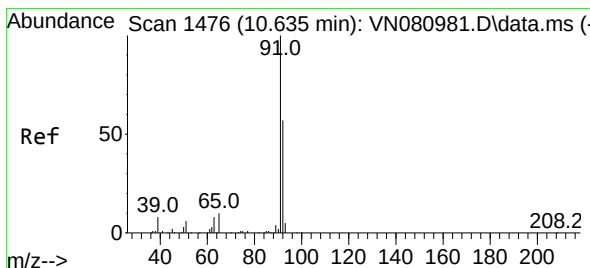
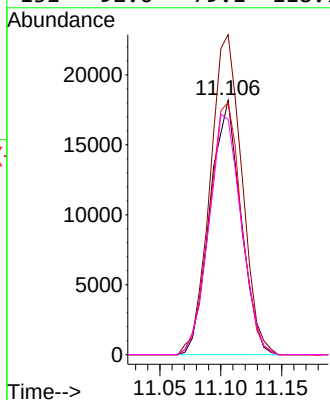
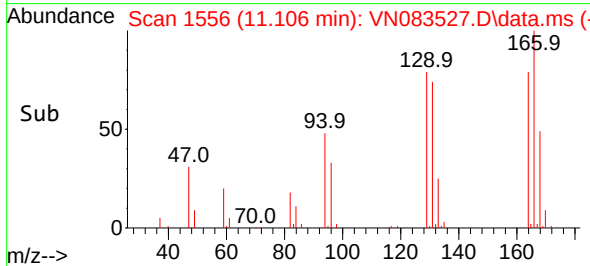
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



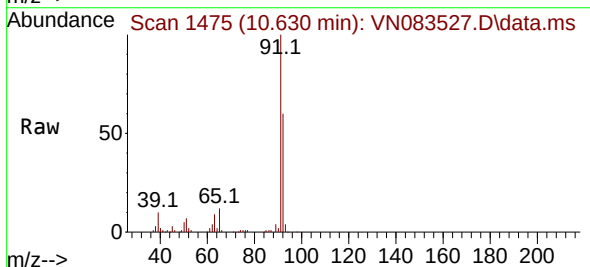
Tgt Ion:164 Resp: 32179
Ion Ratio Lower Upper
164 100
166 125.8 106.7 160.1
129 99.2 85.8 128.6
131 92.6 79.1 118.7

Manual Integrations
APPROVED

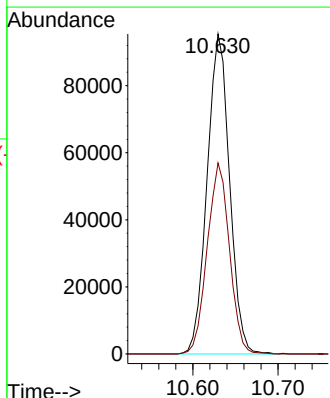
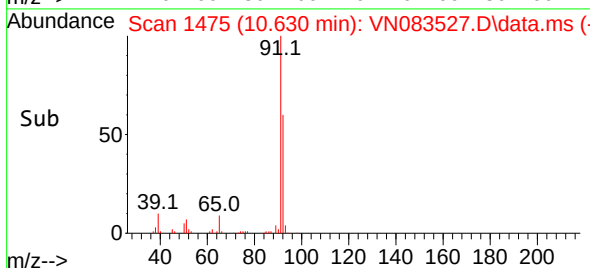
Reviewed By :John Carbone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

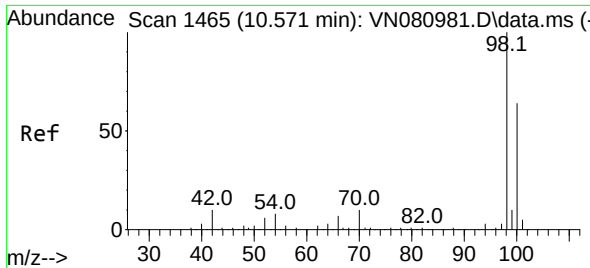


#62
Toluene
Concen: 18.876 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43



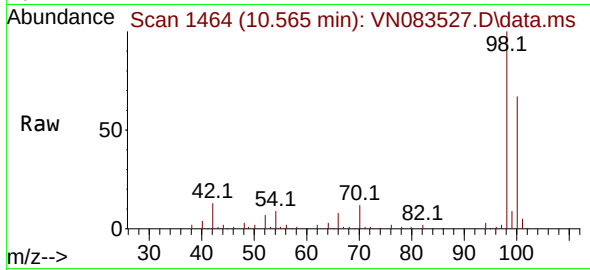
Tgt Ion: 91 Resp: 175040
Ion Ratio Lower Upper
91 100
92 59.1 46.5 69.7





#63
Toluene-d8
Concen: 29.263 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

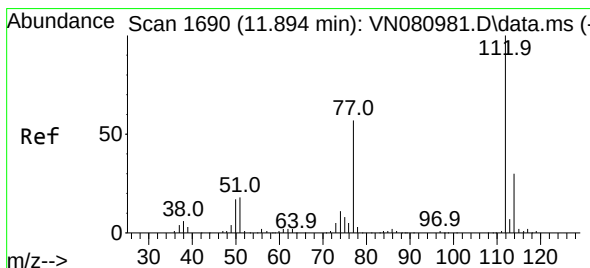
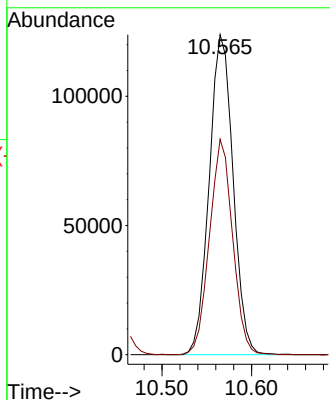
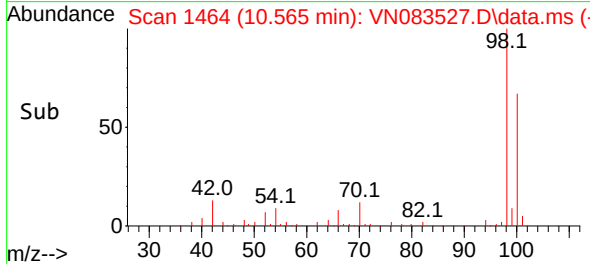
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 98 Resp: 22903
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1

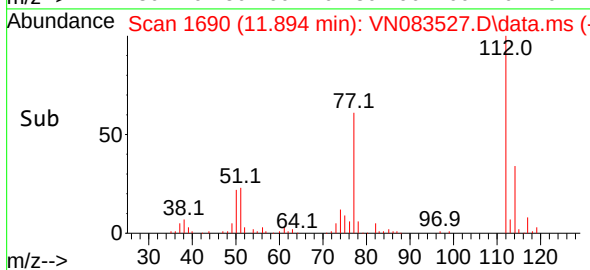
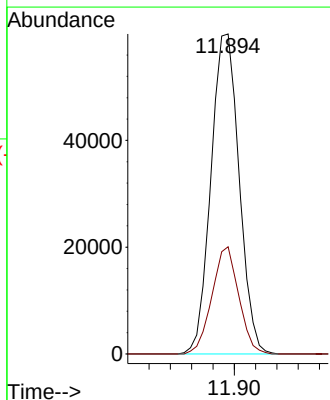
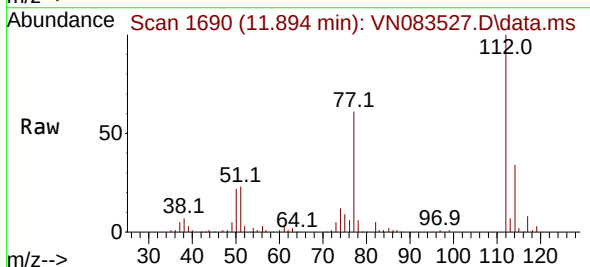
Manual Integrations
APPROVED

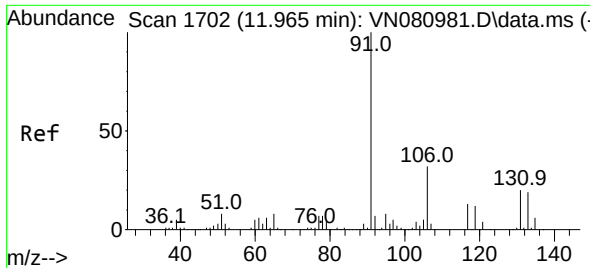
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#64
Chlorobenzene
Concen: 19.420 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Tgt Ion:112 Resp: 110147
Ion Ratio Lower Upper
112 100
114 33.5 26.6 39.8





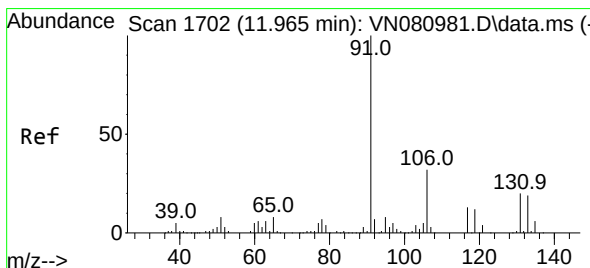
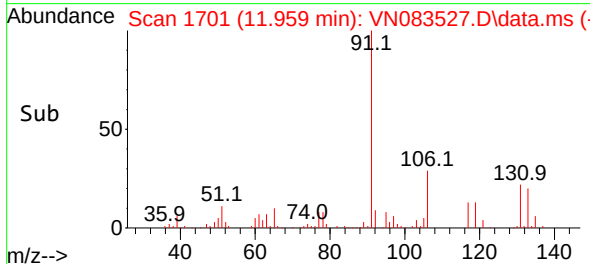
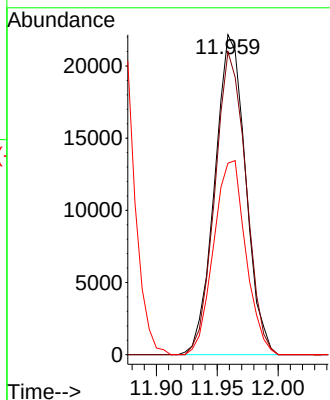
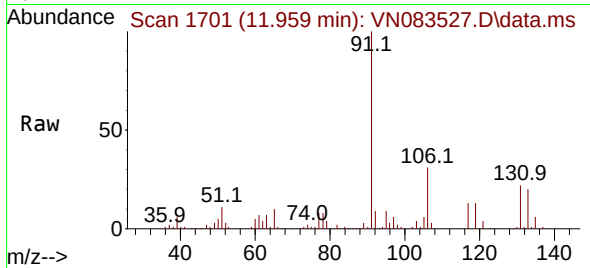
#65
1,1,1,2-Tetrachloroethane
Concen: 21.097 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 3916
Ion Ratio Lower Upper
131 100
133 94.8 0.0 188.0
119 63.0 0.0 122.8

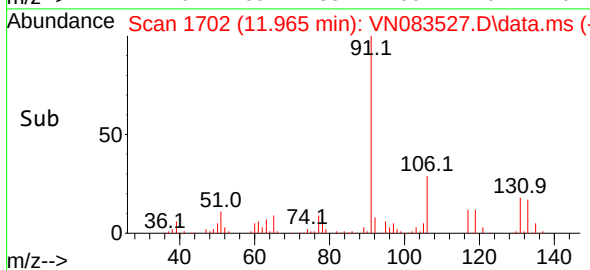
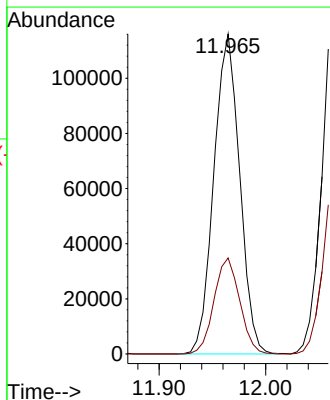
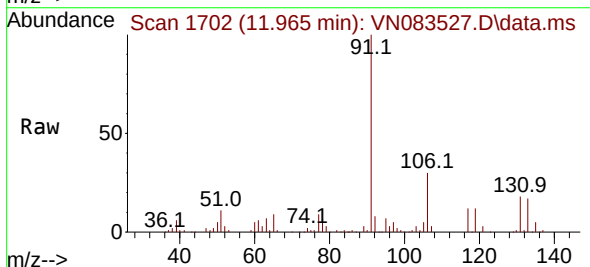
Manual Integrations
APPROVED

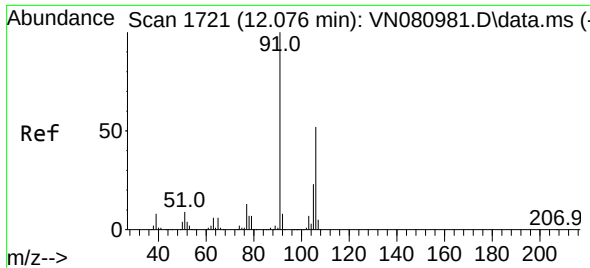
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#66
Ethyl Benzene
Concen: 19.214 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

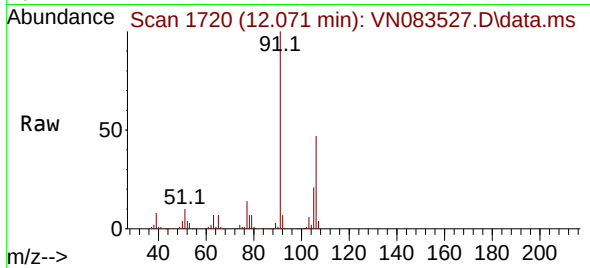
Tgt Ion: 91 Resp: 195303
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6





#67
m/p-Xylenes
Concen: 38.739 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

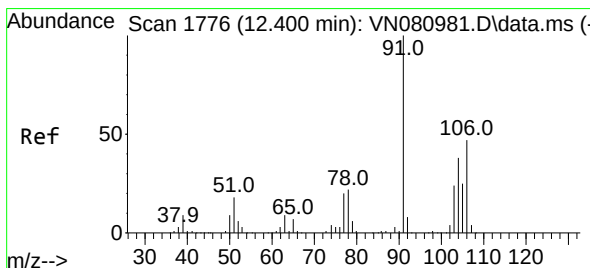
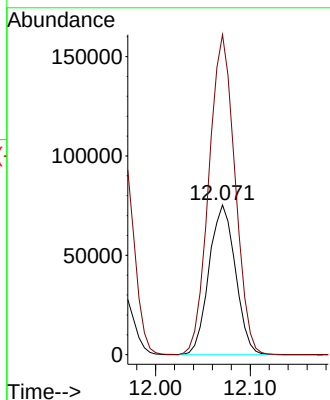
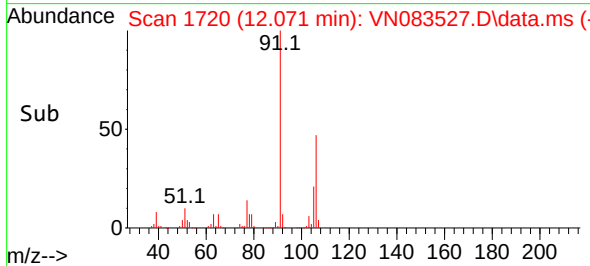
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:106 Resp: 145994
Ion Ratio Lower Upper
106 100
91 211.3 166.6 249.8

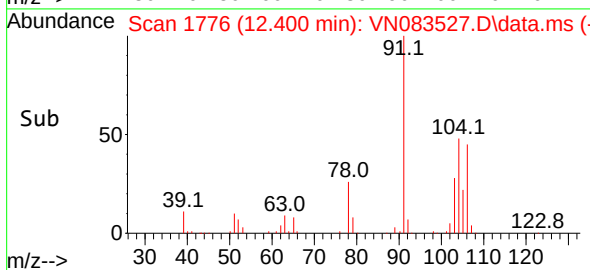
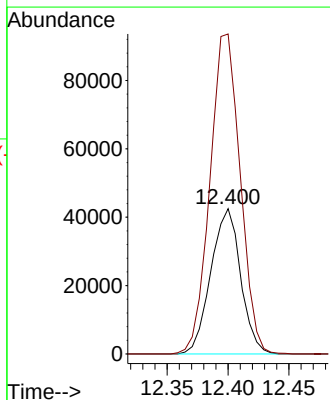
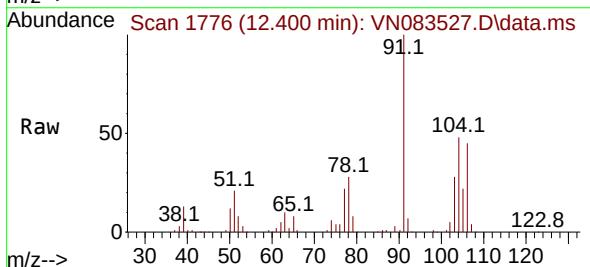
Manual Integrations
APPROVED

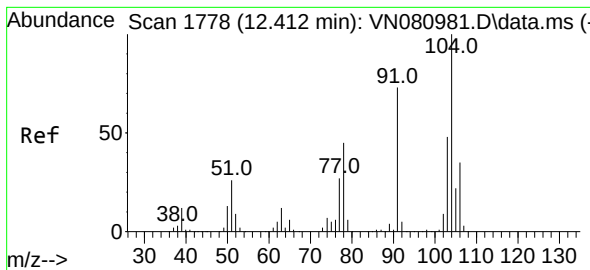
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#68
o-Xylene
Concen: 19.365 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Tgt Ion:106 Resp: 72206
Ion Ratio Lower Upper
106 100
91 224.1 110.0 330.0





#69

Styrene

Concen: 19.531 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083527.D

Acq: 28 Aug 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:104 Resp: 122240

Ion Ratio Lower Upper

104 100

78 54.2 42.6 64.0

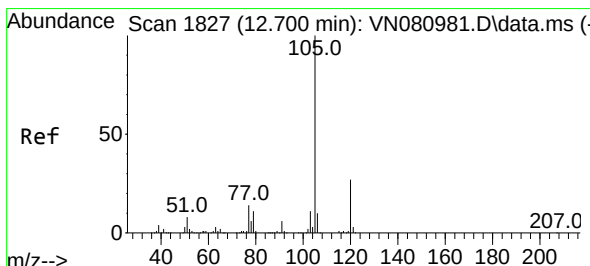
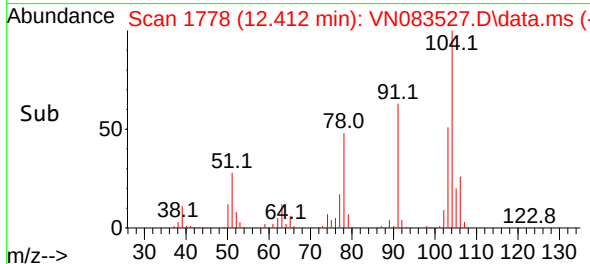
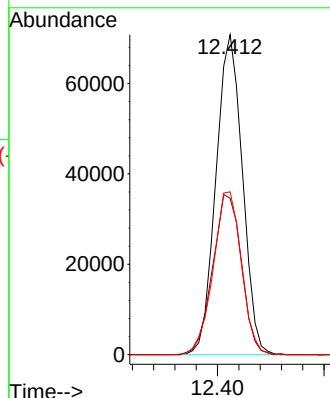
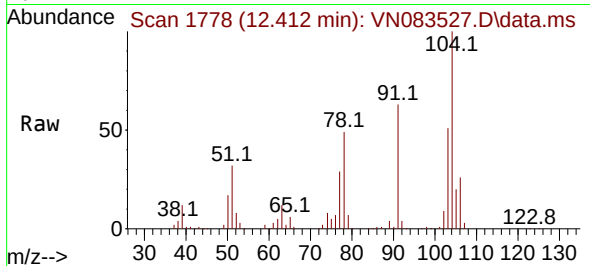
103 54.3 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#70

Isopropylbenzene

Concen: 20.139 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN083527.D

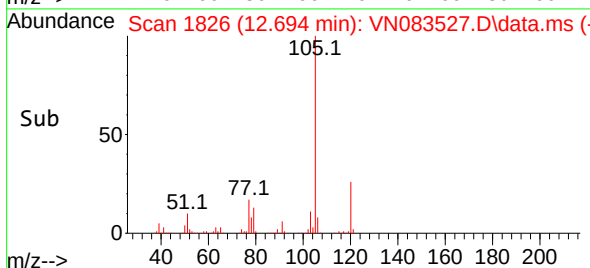
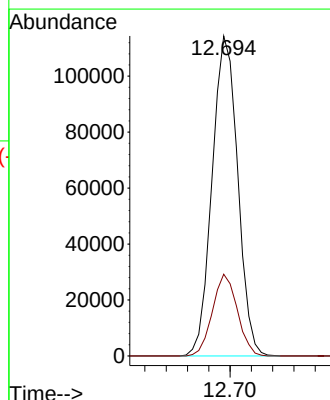
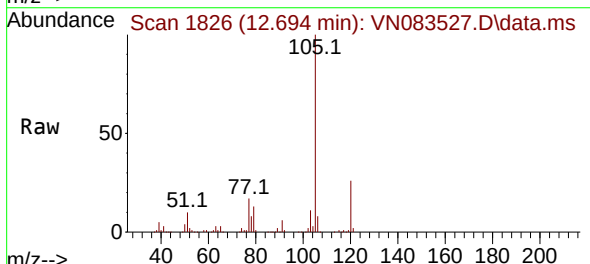
Acq: 28 Aug 2024 09:43

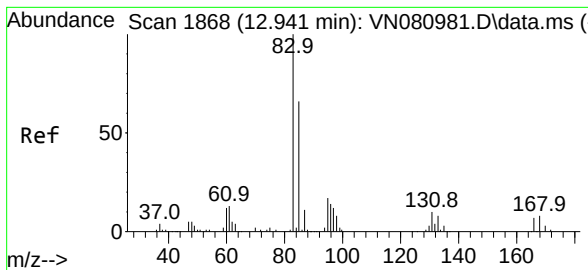
Tgt Ion:105 Resp: 190710

Ion Ratio Lower Upper

105 100

120 24.8 17.8 33.1





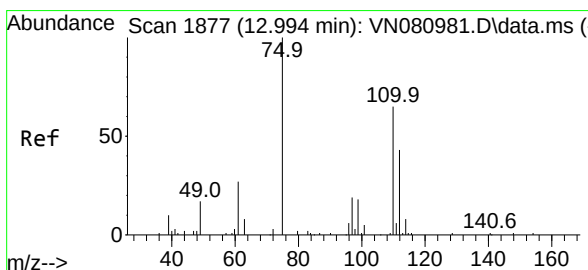
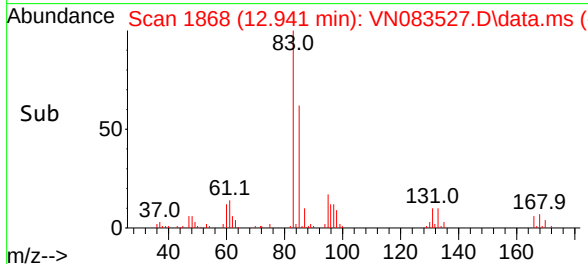
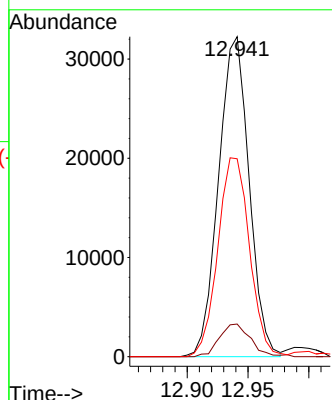
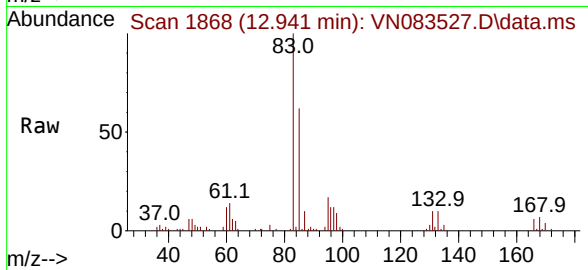
#71
1,1,2,2-Tetrachloroethane
Concen: 20.680 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 5635
Ion Ratio Lower Upper
83 100
131 10.3 5.2 15.6
85 64.5 32.3 96.8

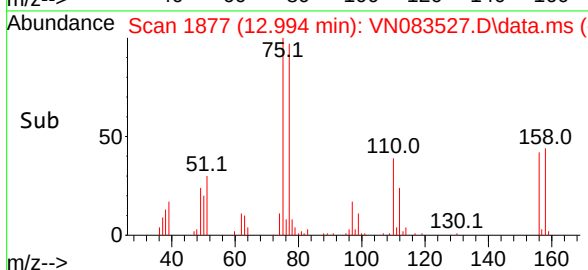
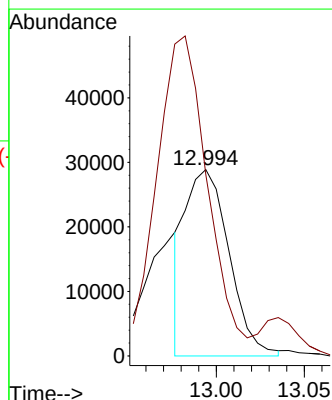
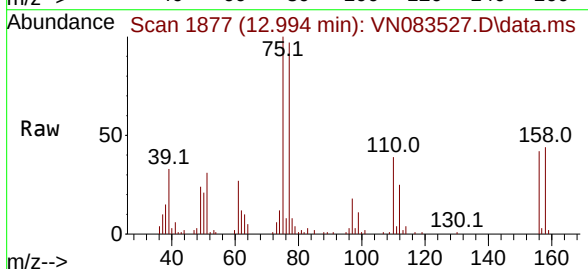
Manual Integrations
APPROVED

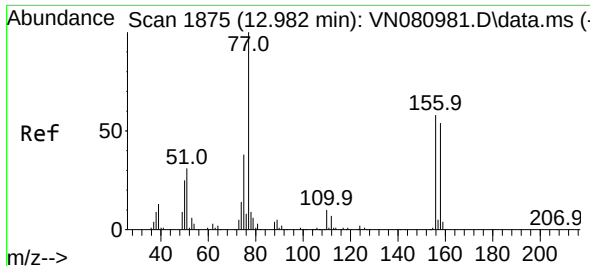
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#72
1,2,3-Trichloropropane
Concen: 22.318 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Tgt Ion: 75 Resp: 49767
Ion Ratio Lower Upper
75 100
77 201.3 0.0 367.6





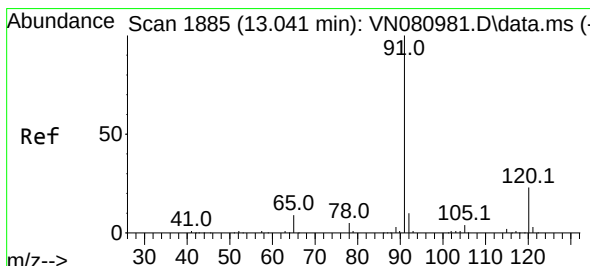
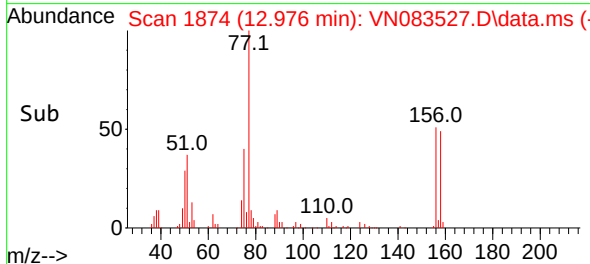
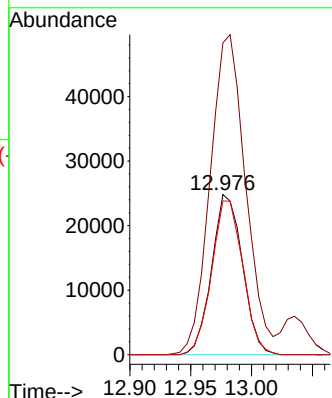
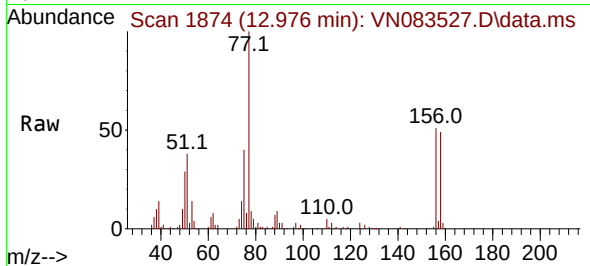
#73
Bromobenzene
Concen: 21.507 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 4359
Ion Ratio Lower Upper
156 100
77 229.8 0.0 437.6
158 97.7 0.0 203.8

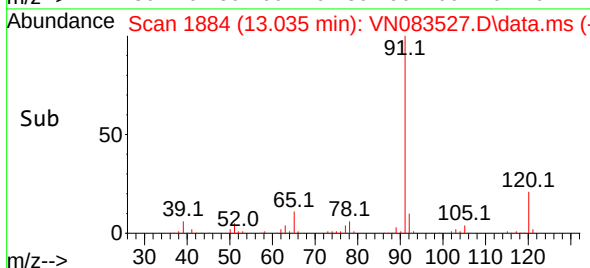
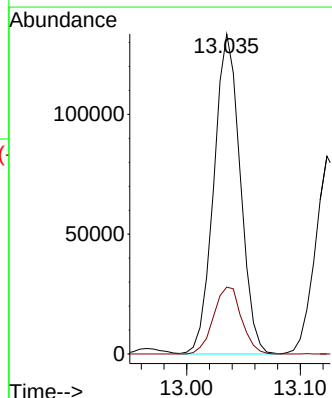
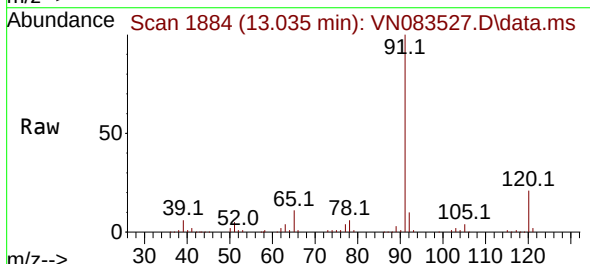
Manual Integrations
APPROVED

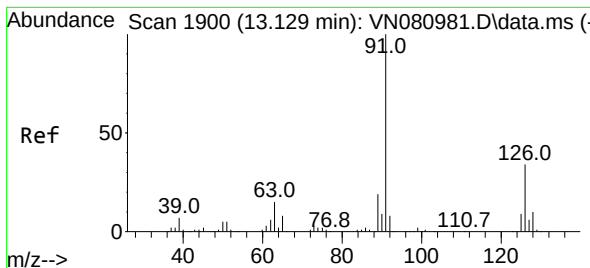
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#74
n-propylbenzene
Concen: 19.246 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Tgt Ion: 91 Resp: 215181
Ion Ratio Lower Upper
91 100
120 22.2 0.0 43.8





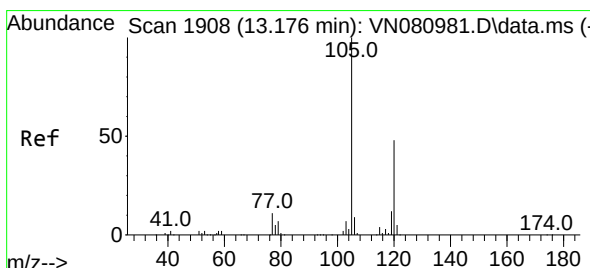
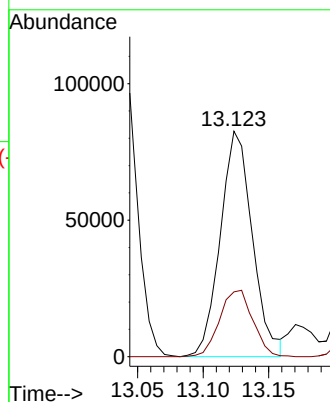
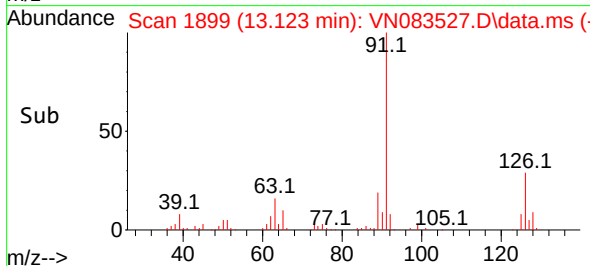
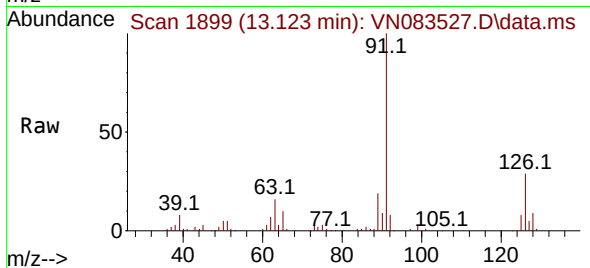
#75
2-Chlorotoluene
Concen: 20.369 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 14078
Ion Ratio Lower Upper
91 100
126 30.4 0.0 61.2

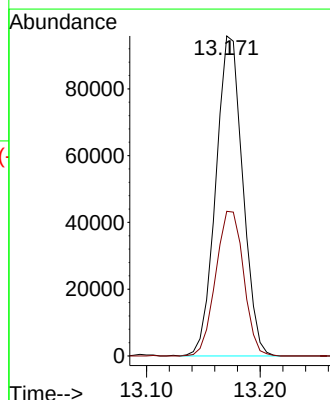
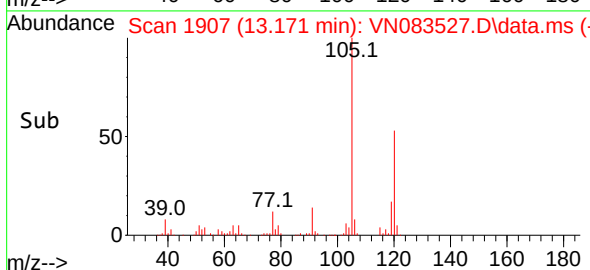
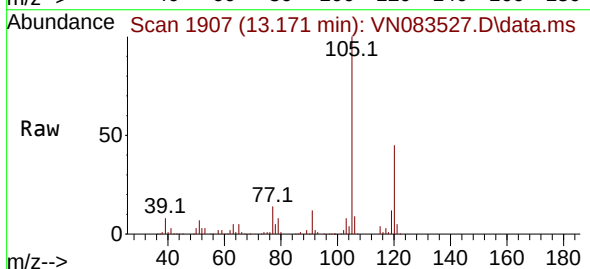
Manual Integrations
APPROVED

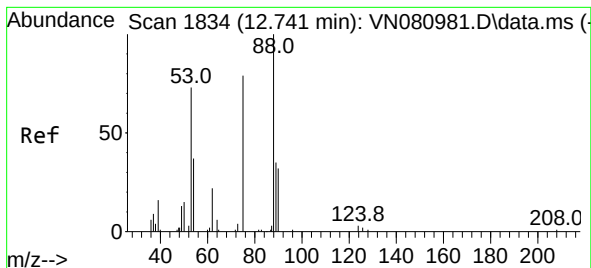
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.578 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

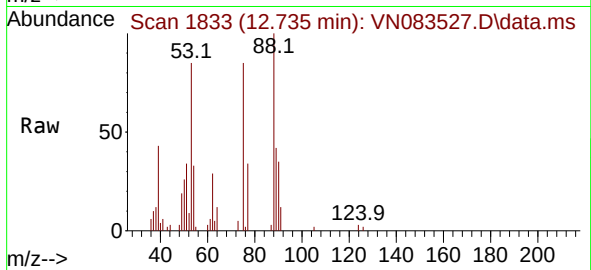
Tgt Ion:105 Resp: 157736
Ion Ratio Lower Upper
105 100
120 46.9 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.741 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

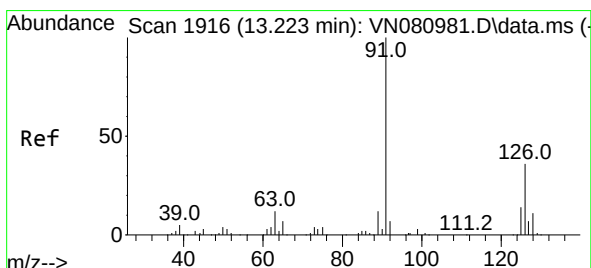
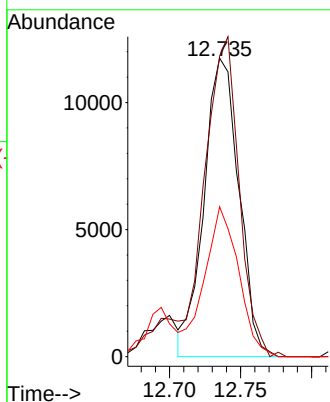
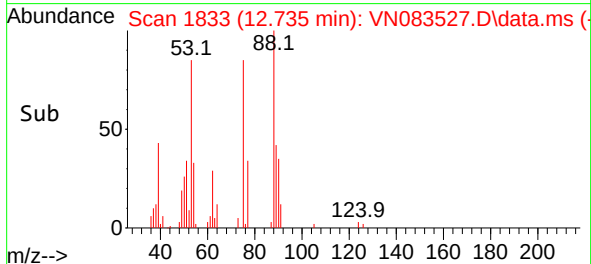
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



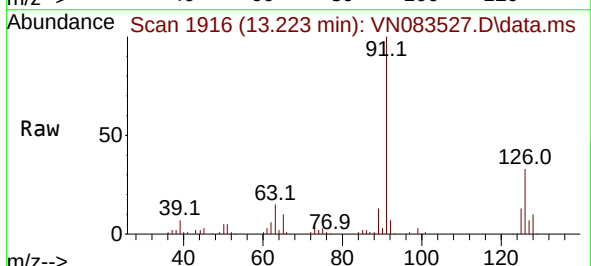
Tgt Ion: 75 Resp: 20128
Ion Ratio Lower Upper
75 100
53 99.2 45.9 137.7
89 50.2 25.9 77.7

Manual Integrations
APPROVED

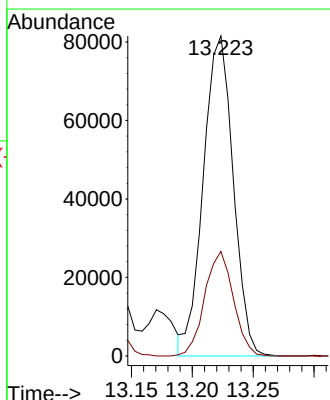
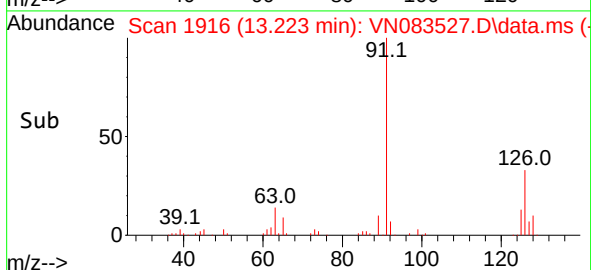
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

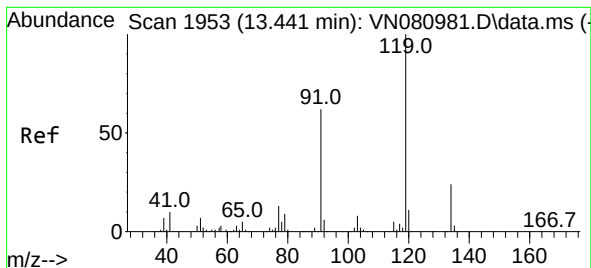


#78
4-Chlorotoluene
Concen: 20.601 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43



Tgt Ion: 91 Resp: 139496
Ion Ratio Lower Upper
91 100
126 31.3 0.0 62.8





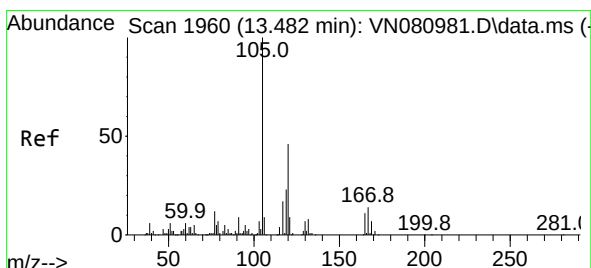
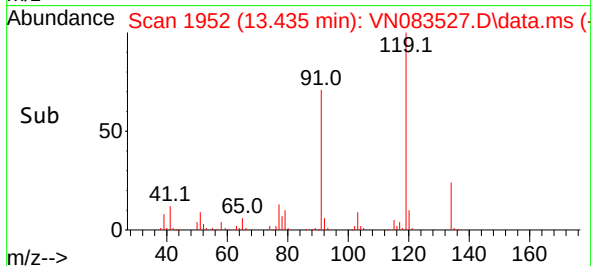
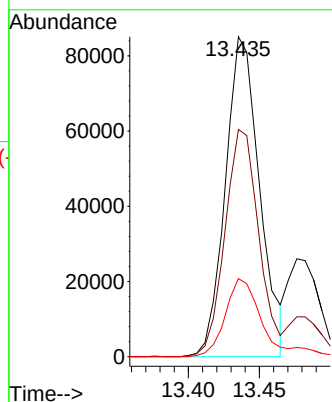
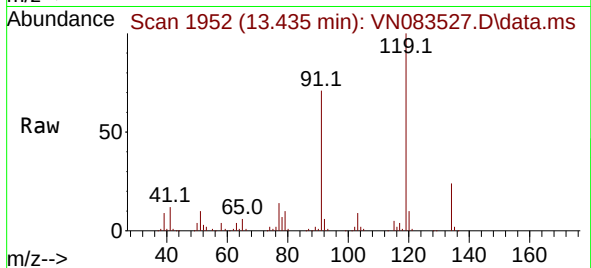
#79
tert-butylbenzene
Concen: 21.674 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 143040
Ion Ratio Lower Upper
119 100
91 70.1 0.0 138.8
134 24.5 0.0 48.6

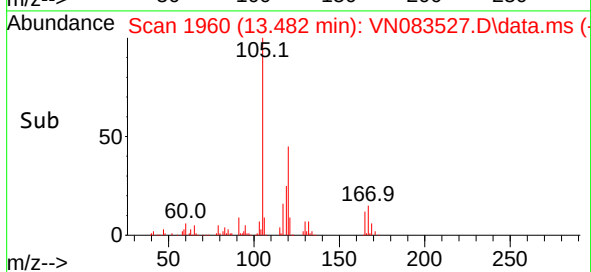
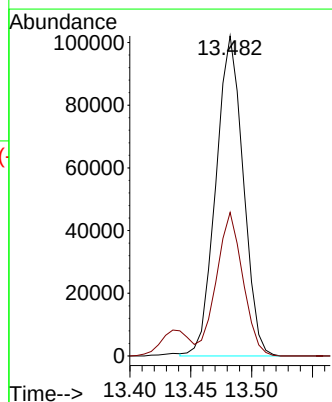
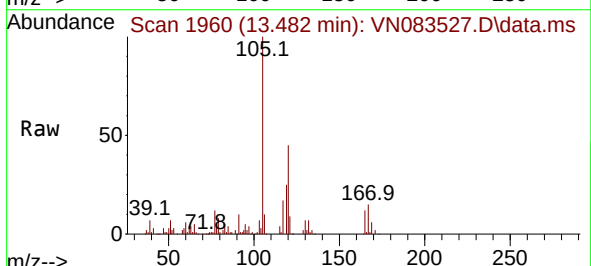
Manual Integrations
APPROVED

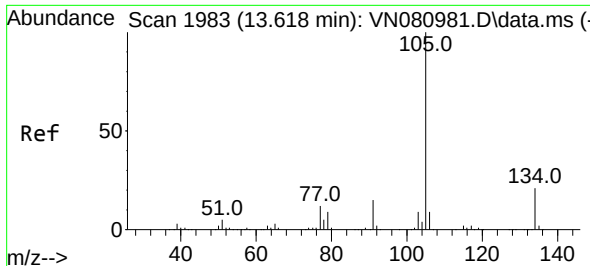
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.736 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

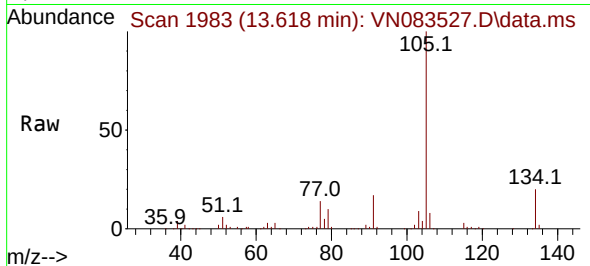
Tgt Ion:105 Resp: 159650
Ion Ratio Lower Upper
105 100
120 43.5 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 20.197 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083527.D
 Acq: 28 Aug 2024 09:43

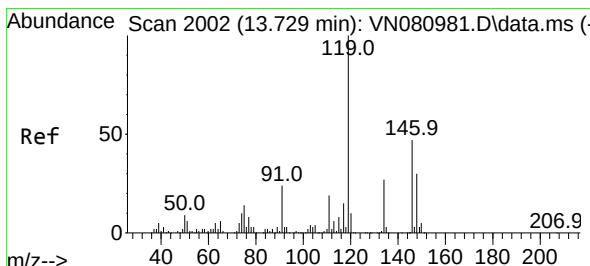
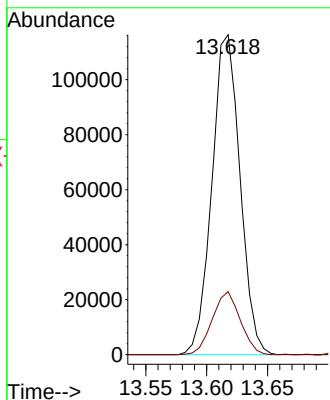
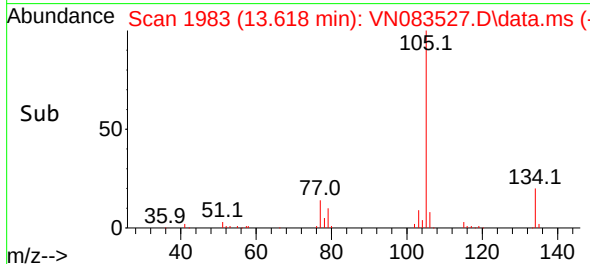
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



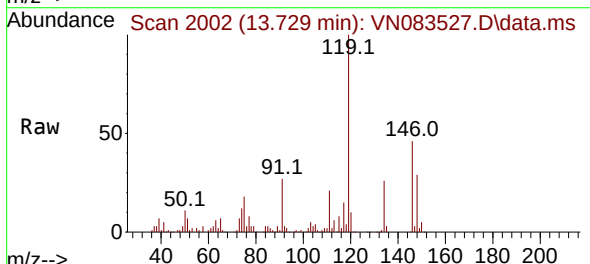
Tgt Ion:105 Resp: 186840
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.0

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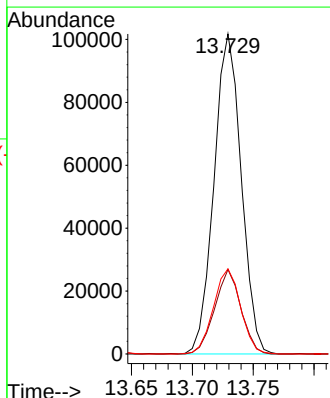
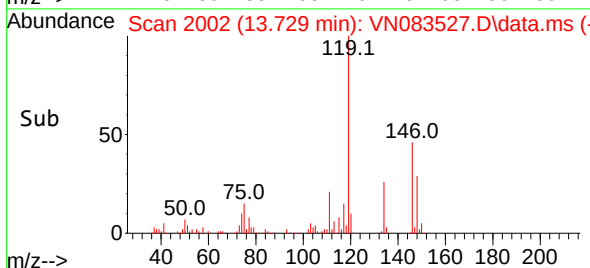
Reviewed By :John Carlone 08/28/2024
 Supervised By :Mahesh Dadoda 08/29/2024

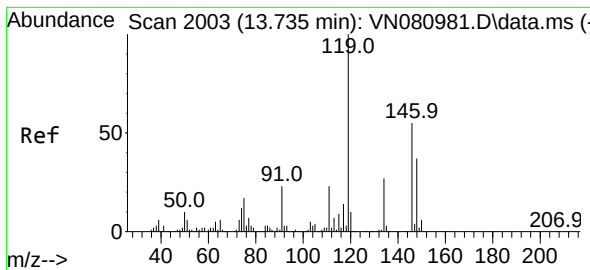


#82
 p-Isopropyltoluene
 Concen: 21.631 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083527.D
 Acq: 28 Aug 2024 09:43



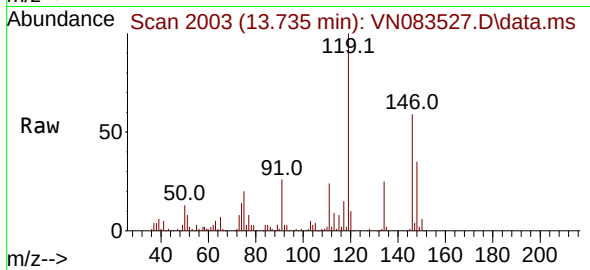
Tgt Ion:119 Resp: 158239
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 49.2
 91 26.5 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 23.112 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

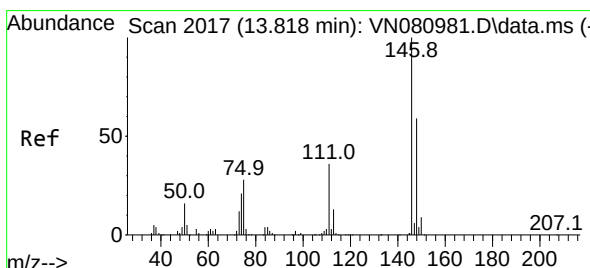
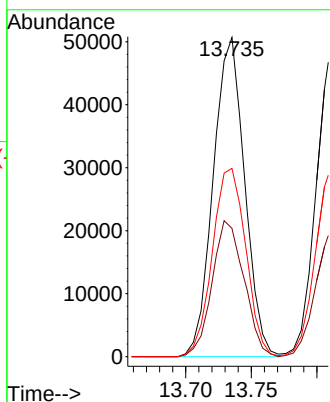
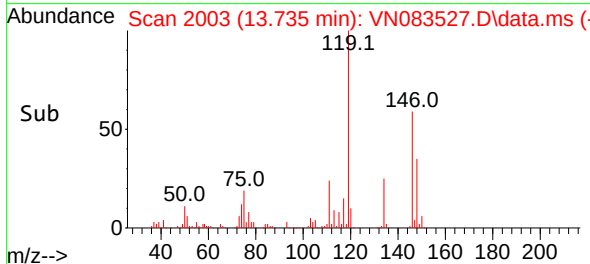
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



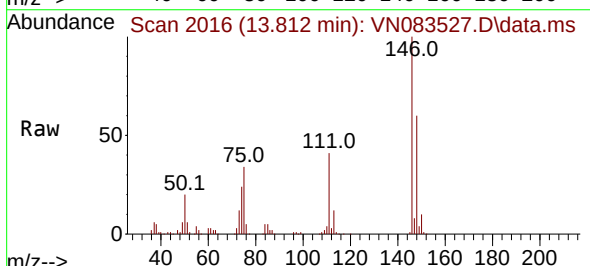
Tgt Ion:146 Resp: 84362
Ion Ratio Lower Upper
146 100
111 43.3 22.4 67.0
148 62.6 32.1 96.5

Manual Integrations
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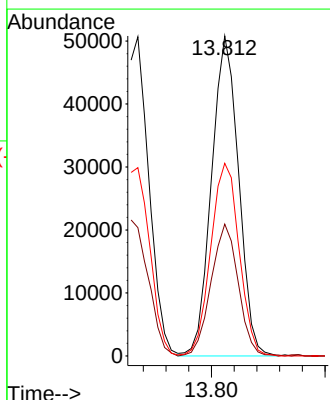
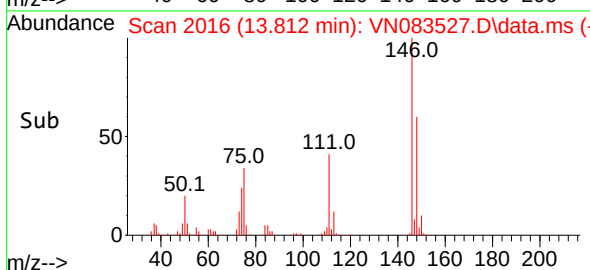
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

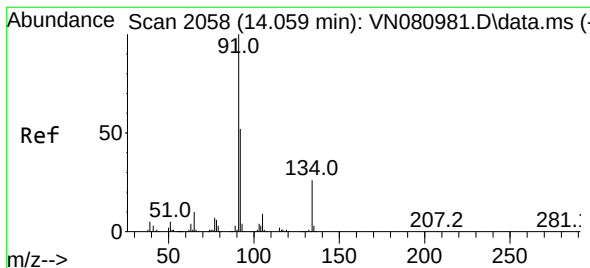


#84
1,4-Dichlorobenzene
Concen: 22.901 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43



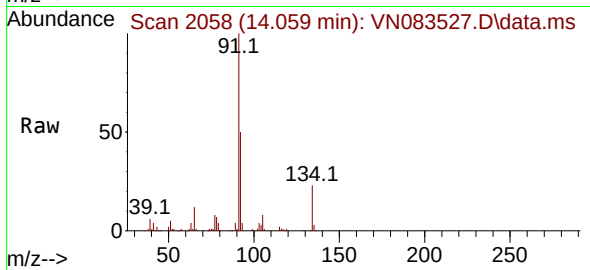
Tgt Ion:146 Resp: 84017
Ion Ratio Lower Upper
146 100
111 41.4 21.3 63.9
148 63.2 31.9 95.5





#85
n-Butylbenzene
Concen: 20.581 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

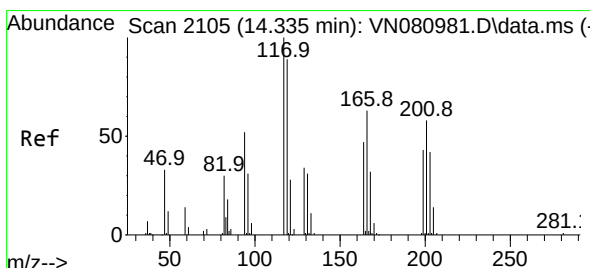
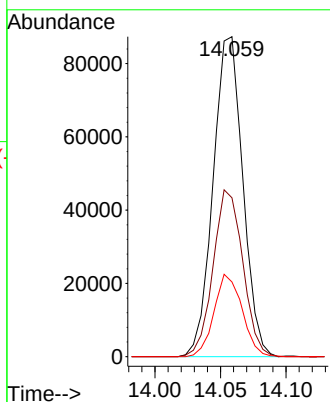
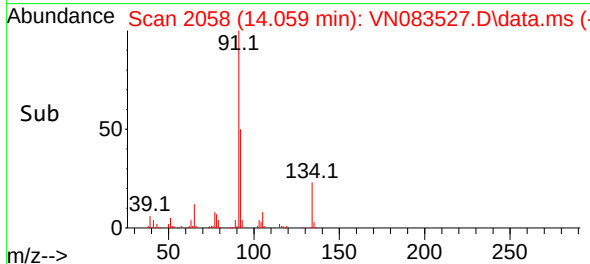
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 13752
Ion Ratio Lower Upper
91 100
92 52.1 0.0 105.0
134 24.4 0.0 51.8

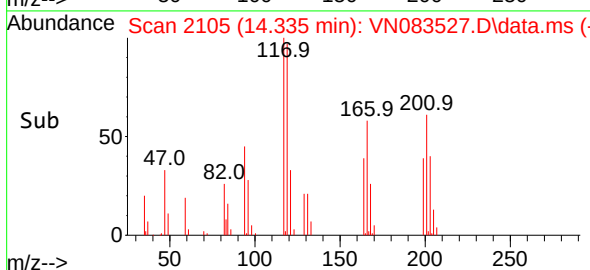
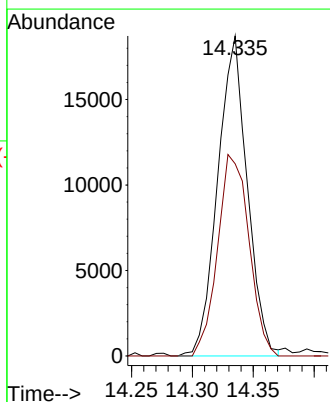
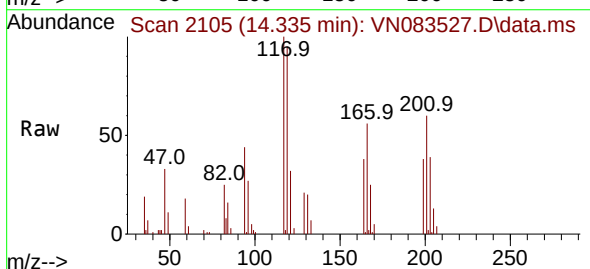
Manual Integrations
APPROVED

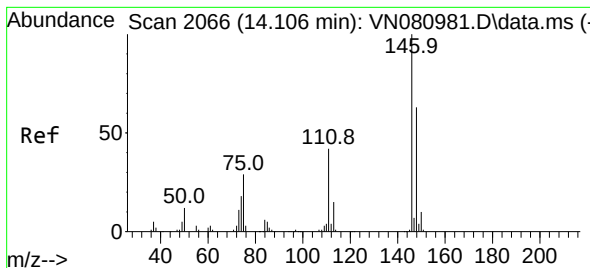
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#86
Hexachloroethane
Concen: 21.647 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Tgt Ion:117 Resp: 31574
Ion Ratio Lower Upper
117 100
201 66.8 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 22.546 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN083527.D

Acq: 28 Aug 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

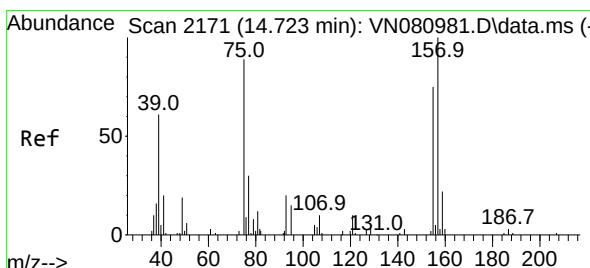
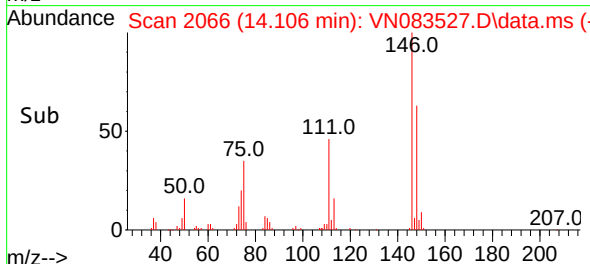
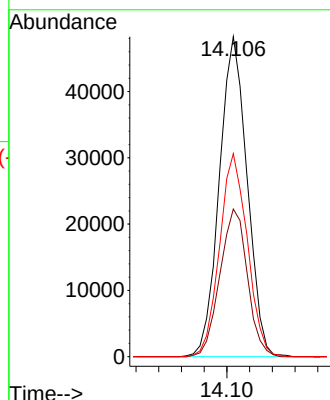
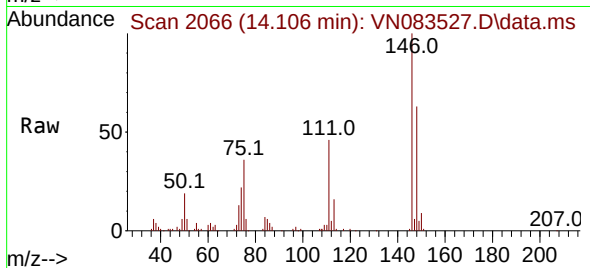
Tgt Ion:	146	Resp:	81964
Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.6	67.8
148	63.4	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.831 ug/l

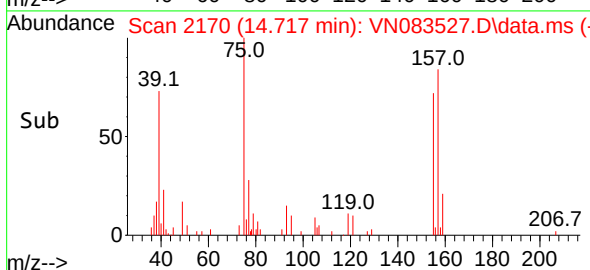
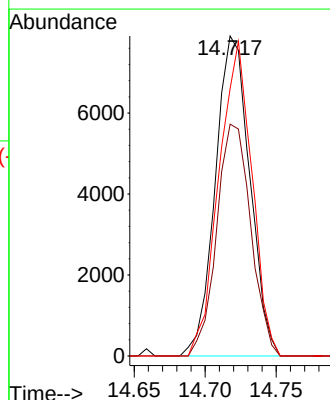
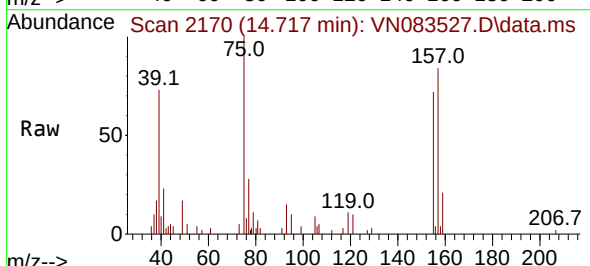
RT: 14.717 min Scan# 2170

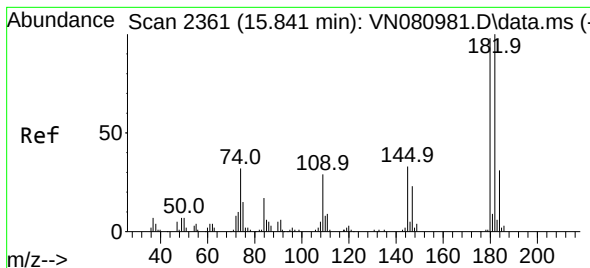
Delta R.T. -0.006 min

Lab File: VN083527.D

Acq: 28 Aug 2024 09:43

Tgt Ion:	75	Resp:	13350
Ion	Ratio	Lower	Upper
75	100		
155	71.7	61.7	92.5
157	94.2	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 22.047 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN083527.D

Acq: 28 Aug 2024 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

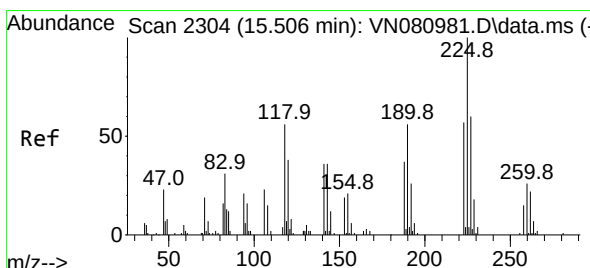
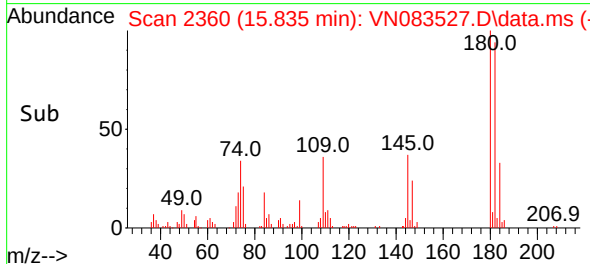
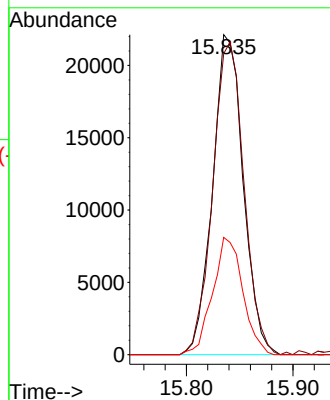
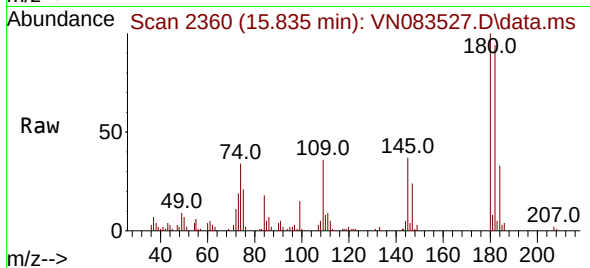
Tgt Ion:	180	Resp:	4413
Ion Ratio	Lower	Upper	
180	100		
182	99.7	76.4	114.6
145	36.2	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#90

Hexachlorobutadiene

Concen: 25.319 ug/l

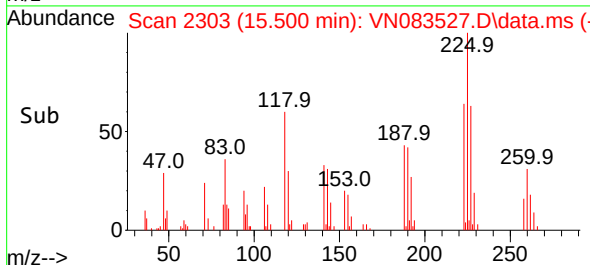
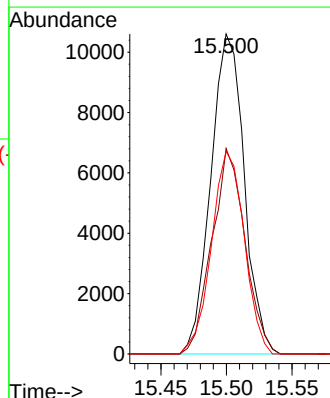
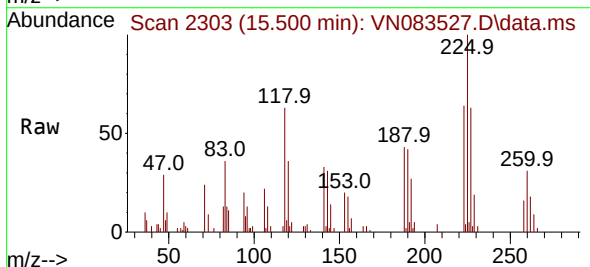
RT: 15.500 min Scan# 2303

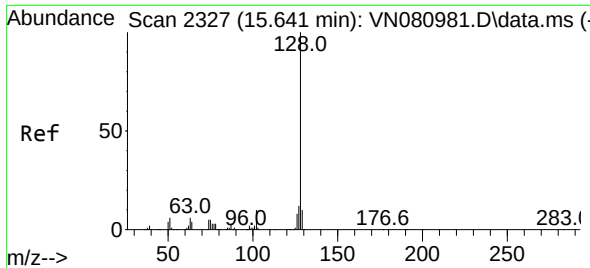
Delta R.T. -0.006 min

Lab File: VN083527.D

Acq: 28 Aug 2024 09:43

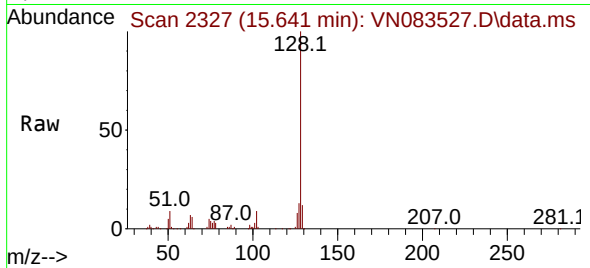
Tgt Ion:	225	Resp:	18771
Ion Ratio	Lower	Upper	
225	100		
223	63.6	0.0	126.6
227	62.3	0.0	126.6





#91
Naphthalene
Concen: 20.738 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

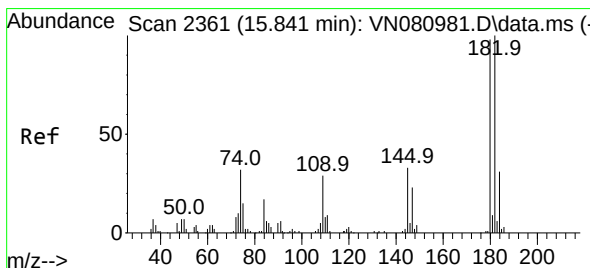
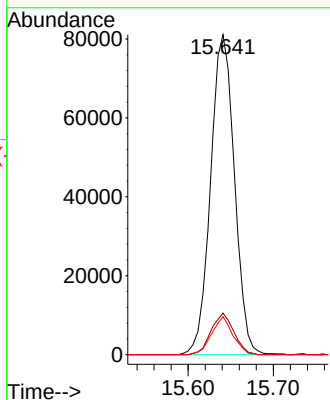
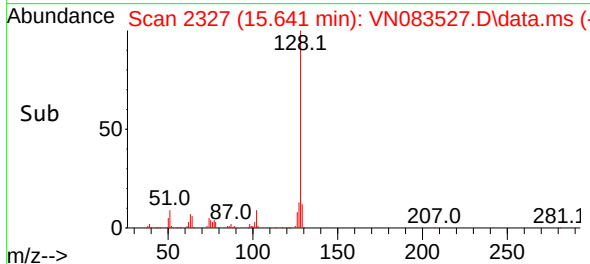
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 157809
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#92
1,2,3-Trichlorobenzene
Concen: 22.047 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083527.D
Acq: 28 Aug 2024 09:43

Tgt Ion:180 Resp: 44132
Ion Ratio Lower Upper
180 100
182 99.7 0.0 191.0
145 36.2 0.0 71.0

