

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072324\
 Data File : VN083013.D
 Acq On : 23 Jul 2024 15:42
 Operator : JC\MD
 Sample : VN0723WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2024
 Supervised By : Mahesh Dadoda 07/24/2024

Quant Time: Jul 24 02:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	81751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	136636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	126556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	52595	45.895	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.800%		
35) Dibromofluoromethane	8.171	113	41523	47.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.720%		
50) Toluene-d8	10.571	98	148320	45.802	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.600%		
62) 4-Bromofluorobenzene	12.853	95	47227	40.600	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	81.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	18109	17.110	ug/l	94
3) Chloromethane	2.359	50	15566	15.508	ug/l	96
4) Vinyl Chloride	2.512	62	19005	18.029	ug/l	98
5) Bromomethane	2.959	94	14699	19.339	ug/l	89
6) Chloroethane	3.118	64	15454	21.423	ug/l	96
7) Trichlorofluoromethane	3.495	101	29620	19.536	ug/l	94
8) Diethyl Ether	3.959	74	8604	16.581	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	17499	20.392	ug/l	99
10) Methyl Iodide	4.589	142	12086	13.737	ug/l #	96
11) Tert butyl alcohol	5.530	59	15658	81.236	ug/l	99
12) 1,1-Dichloroethene	4.336	96	14474	17.344	ug/l	87
13) Acrolein	4.183	56	2622	18.842	ug/l	93
14) Allyl chloride	5.030	41	20087	15.437	ug/l #	94
15) Acrylonitrile	5.724	53	43110	97.321	ug/l	99
16) Acetone	4.430	43	39275	97.343	ug/l #	86
17) Carbon Disulfide	4.712	76	38575	15.469	ug/l	100
18) Methyl Acetate	5.024	43	26735	25.042	ug/l #	91
19) Methyl tert-butyl Ether	5.800	73	51102	17.751	ug/l	95
20) Methylene Chloride	5.271	84	18796	19.290	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	15657	17.315	ug/l	89
22) Diisopropyl ether	6.677	45	50125	18.413	ug/l #	90
23) Vinyl Acetate	6.606	43	184061	85.141	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	33408	20.232	ug/l	97
25) 2-Butanone	7.488	43	57957	95.133	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	27795	18.104	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	20174	19.056	ug/l	87
28) Bromochloromethane	7.812	49	14506	20.478	ug/l	85
29) Tetrahydrofuran	7.841	42	36936	96.304	ug/l #	86
30) Chloroform	7.965	83	36508	20.841	ug/l	98
31) Cyclohexane	8.259	56	24543	16.381	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	31303	19.246	ug/l	98
36) 1,1-Dichloropropene	8.371	75	22467	18.586	ug/l	98
37) Ethyl Acetate	7.565	43	24498	19.906	ug/l	100
38) Carbon Tetrachloride	8.365	117	27811	19.108	ug/l	96
39) Methylcyclohexane	9.606	83	19930	15.263	ug/l	95
40) Benzene	8.606	78	72846	19.591	ug/l	95

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	12859	19.395	ug/l	90
42) 1,2-Dichloroethane	8.671	62	26997	20.168	ug/l	99
43) Isopropyl Acetate	8.694	43	40874	15.571	ug/l #	93
44) Trichloroethene	9.353	130	16550	17.373	ug/l	82
45) 1,2-Dichloropropane	9.624	63	18248	21.021	ug/l	89
46) Dibromomethane	9.712	93	13917	20.578	ug/l	99
47) Bromodichloromethane	9.888	83	29291	20.961	ug/l	99
48) Methyl methacrylate	9.682	41	17501	18.136	ug/l #	84
49) 1,4-Dioxane	9.694	88	7538	353.990	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	129012	105.740	ug/l	96
52) Toluene	10.629	92	46071	19.835	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	26843	18.647	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	28420	18.651	ug/l	88
55) 1,1,2-Trichloroethane	11.018	97	18935	22.169	ug/l	92
56) Ethyl methacrylate	10.876	69	25319	19.053	ug/l	89
57) 1,3-Dichloropropane	11.165	76	30708	20.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	73511	107.809	ug/l	96
59) 2-Hexanone	11.200	43	94752	104.455	ug/l	95
60) Dibromochloromethane	11.359	129	22018	20.239	ug/l	99
61) 1,2-Dibromoethane	11.471	107	18157	20.018	ug/l	95
64) Tetrachloroethene	11.106	164	16016	16.963	ug/l	97
65) Chlorobenzene	11.894	112	50529	18.632	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	19629	20.349	ug/l	99
67) Ethyl Benzene	11.965	91	80566	17.676	ug/l	96
68) m/p-Xylenes	12.070	106	62859	36.529	ug/l	96
69) o-Xylene	12.400	106	28236	17.125	ug/l	98
70) Styrene	12.412	104	51152	18.776	ug/l	97
71) Bromoform	12.576	173	14687	19.360	ug/l #	98
73) Isopropylbenzene	12.700	105	73223	16.511	ug/l	100
74) N-amyl acetate	12.494	43	31476	17.159	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	26656	20.070	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	23668m	22.494	ug/l	
77) Bromobenzene	12.982	156	19736	17.250	ug/l	96
78) n-propylbenzene	13.035	91	90057	17.662	ug/l	100
79) 2-Chlorotoluene	13.129	91	54257	16.700	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	61092	17.042	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	9579	17.904	ug/l	99
82) 4-Chlorotoluene	13.223	91	54800	17.041	ug/l	97
83) tert-Butylbenzene	13.441	119	48714	15.328	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	62382	17.074	ug/l	100
85) sec-Butylbenzene	13.617	105	69660	16.220	ug/l	98
86) p-Isopropyltoluene	13.729	119	59061	16.483	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	36177	17.504	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	36611	17.128	ug/l	98
89) n-Butylbenzene	14.059	91	47310	15.412	ug/l	97
90) Hexachloroethane	14.335	117	13125	17.311	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	34718	17.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5297	17.239	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	16667	15.419	ug/l	97
94) Hexachlorobutadiene	15.500	225	7458	15.564	ug/l	99
95) Naphthalene	15.641	128	51244	13.842	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	17438	15.690	ug/l	97

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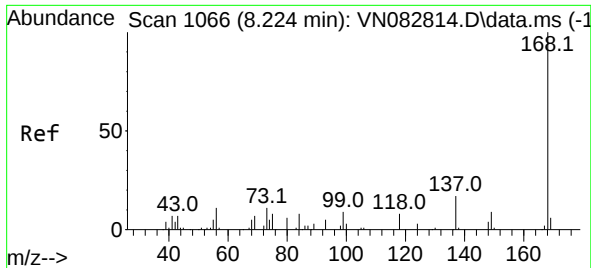
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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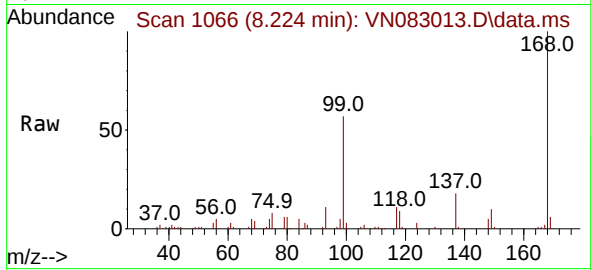
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
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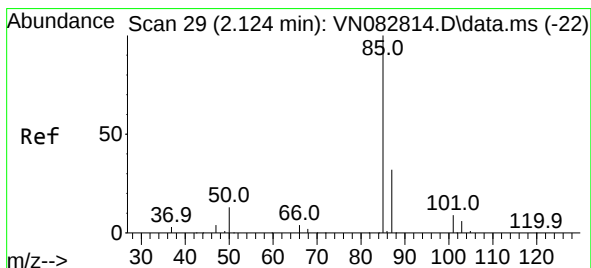
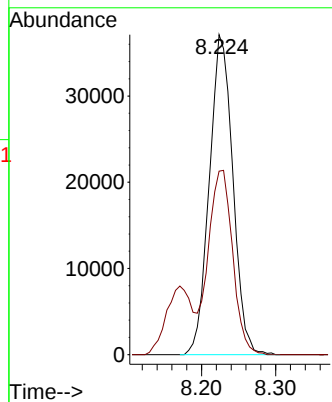
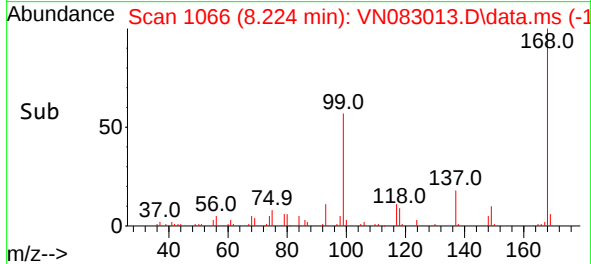
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



Tgt Ion:168 Resp: 8175
Ion Ratio Lower Upper
168 100
99 57.3 48.2 72.4

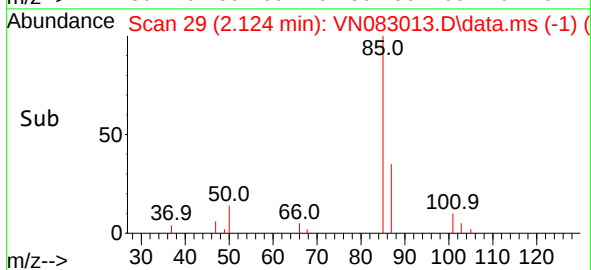
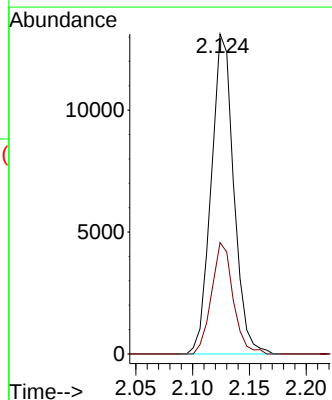
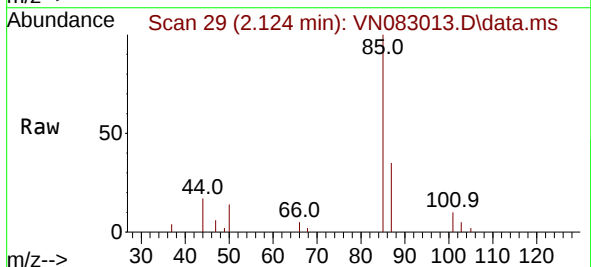
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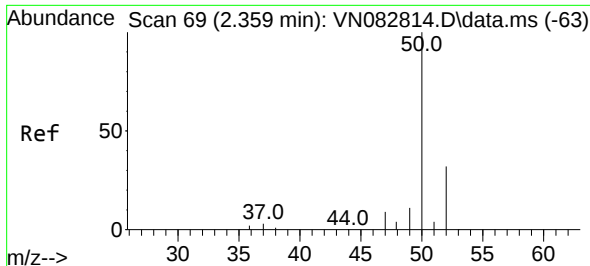
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#2
Dichlorodifluoromethane
Concen: 17.110 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Tgt Ion: 85 Resp: 18109
Ion Ratio Lower Upper
85 100
87 34.8 15.7 47.0





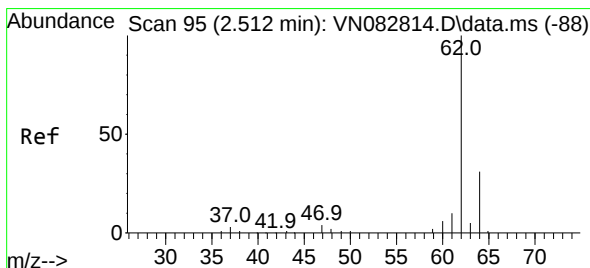
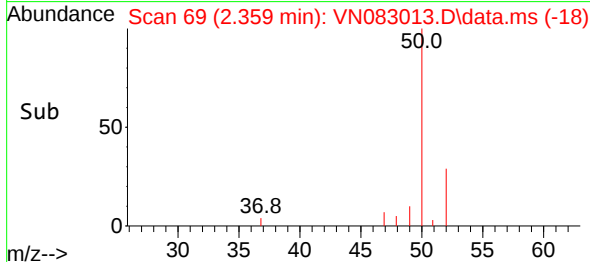
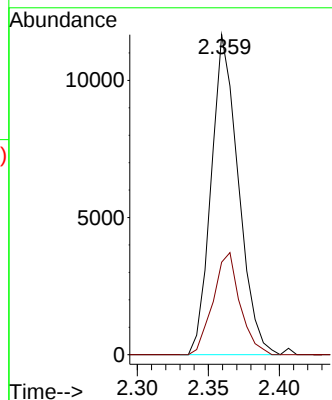
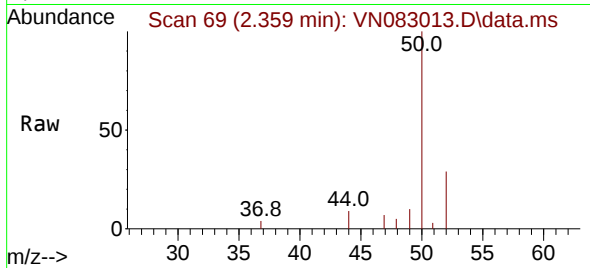
#3
Chloromethane
Concen: 15.508 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083013.D
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Tgt Ion: 50 Resp: 1556
Ion Ratio Lower Upper
50 100
52 28.9 25.0 37.4

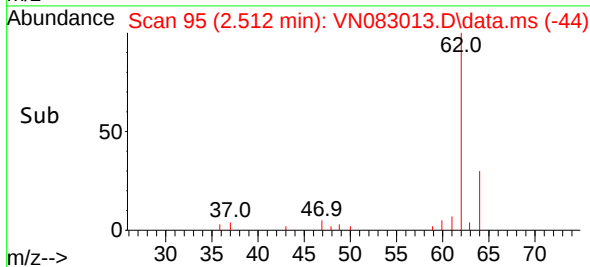
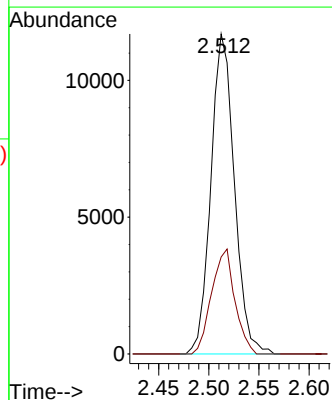
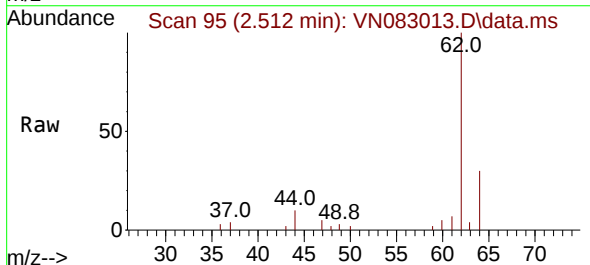
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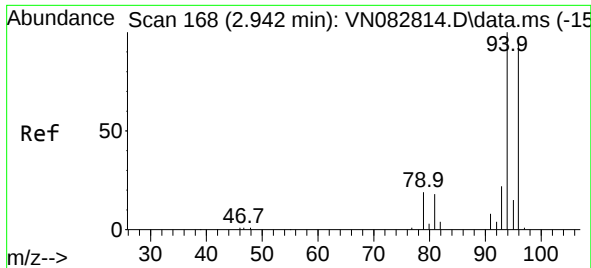
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#4
Vinyl Chloride
Concen: 18.029 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

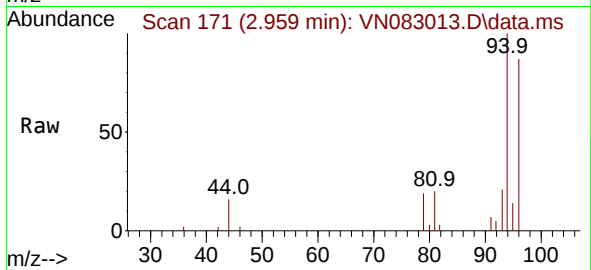
Tgt Ion: 62 Resp: 19005
Ion Ratio Lower Upper
62 100
64 30.3 25.0 37.6





#5
Bromomethane
Concen: 19.339 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

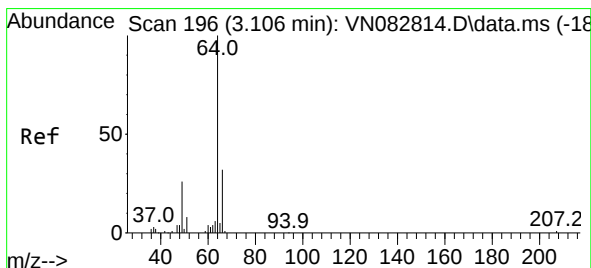
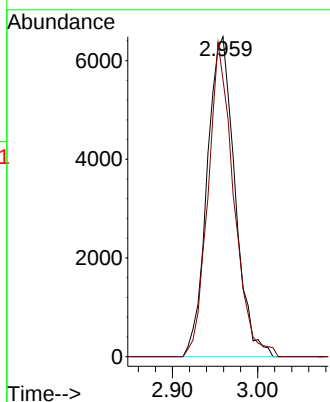
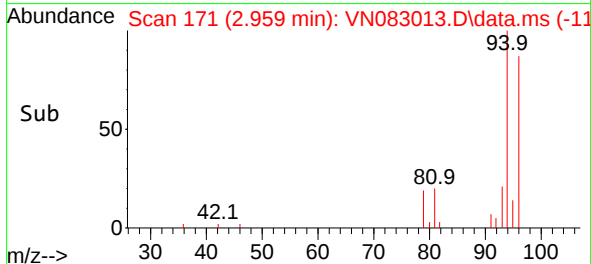
Instrument :
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Tgt Ion: 94 Resp: 1469
Ion Ratio Lower Upper
94 100
96 86.6 78.0 117.0

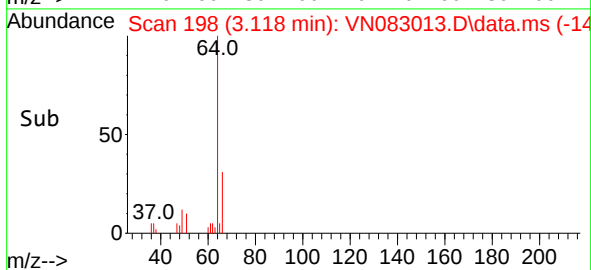
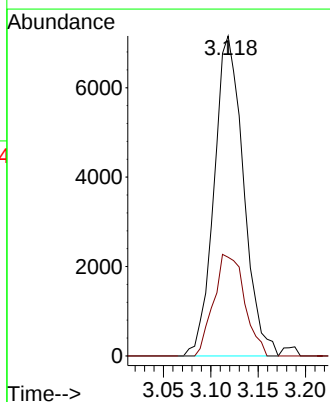
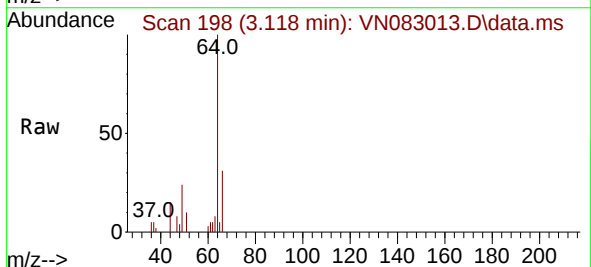
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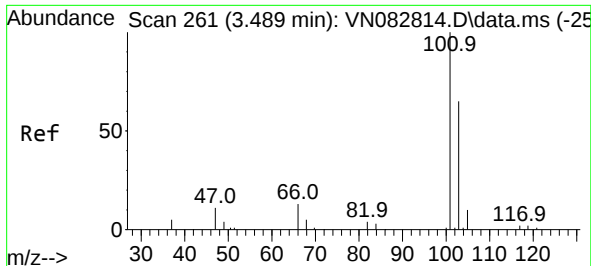
Reviewed By :John Carlone 07/24/2024
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#6
Chloroethane
Concen: 21.423 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN083013.D
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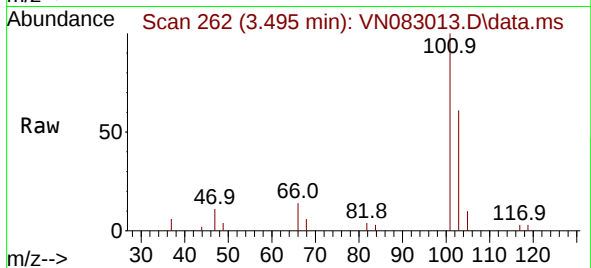
Tgt Ion: 64 Resp: 15454
Ion Ratio Lower Upper
64 100
66 30.8 26.6 40.0





#7
Trichlorofluoromethane
Concen: 19.536 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.001 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

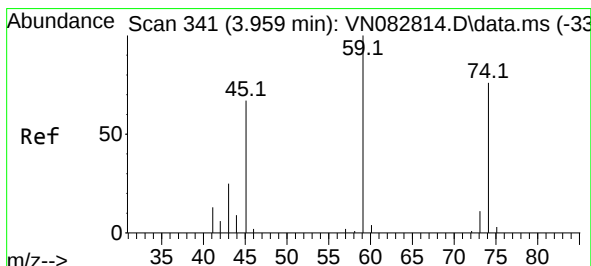
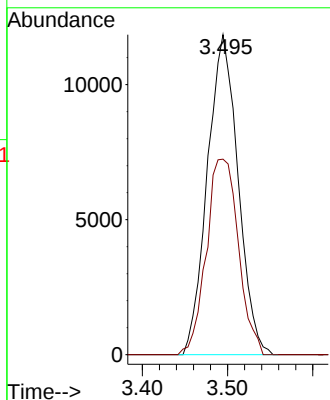
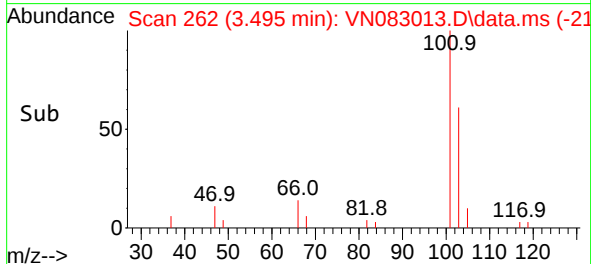
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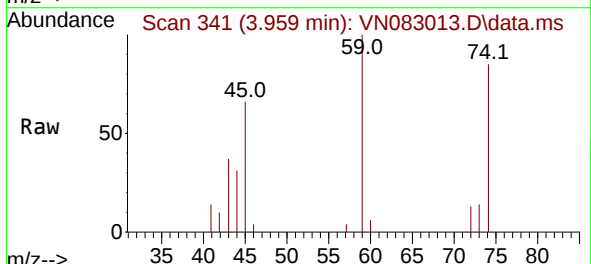
Tgt Ion:101 Resp: 29620
Ion Ratio Lower Upper
101 100
103 61.1 52.7 79.1

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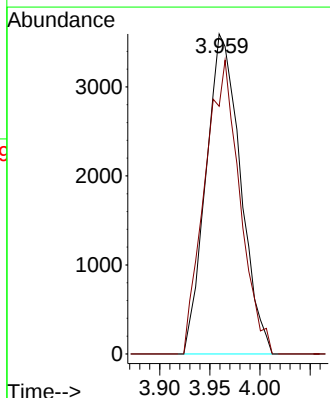
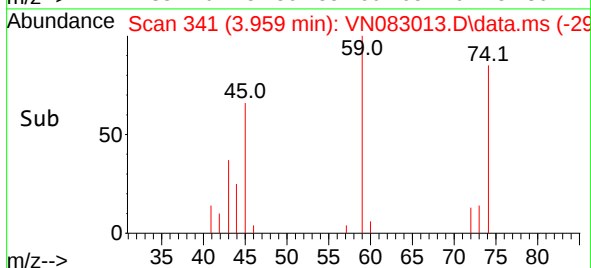
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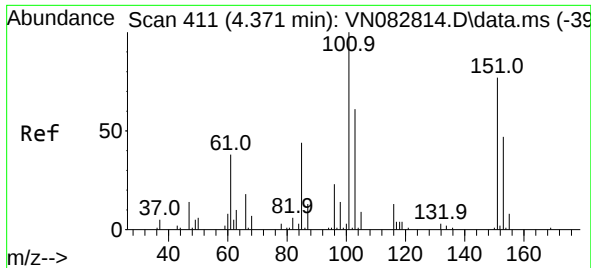


#8
Diethyl Ether
Concen: 16.581 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 8604
Ion Ratio Lower Upper
74 100
45 93.0 55.5 166.3





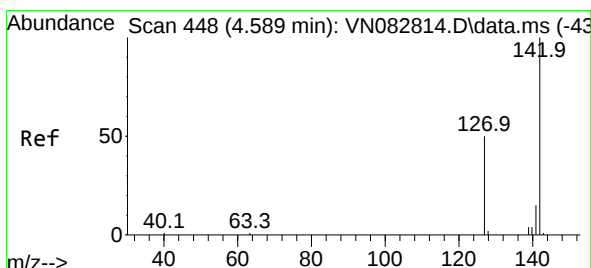
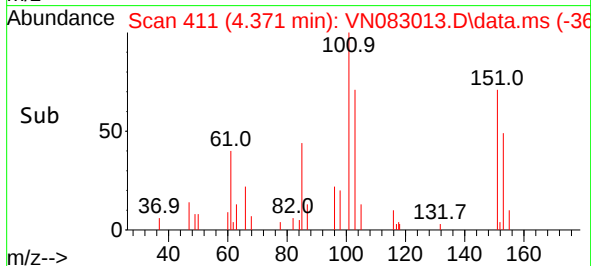
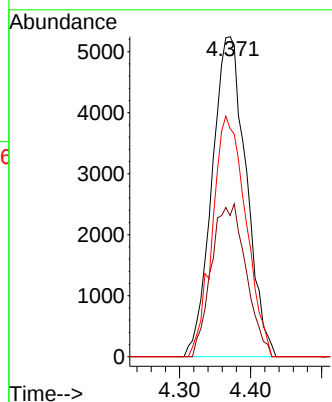
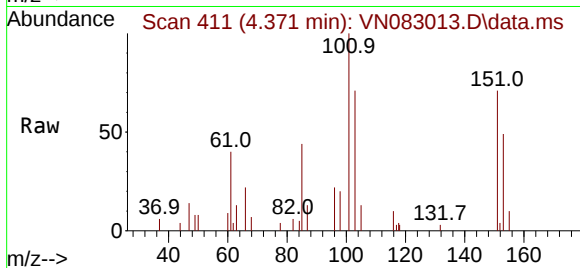
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.392 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion:101 Resp: 1749
Ion Ratio Lower Upper
101 100
85 48.5 38.3 57.5
151 73.6 59.3 88.9

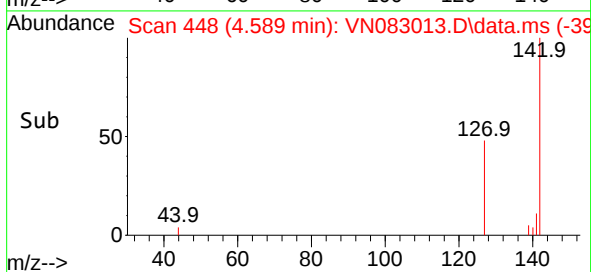
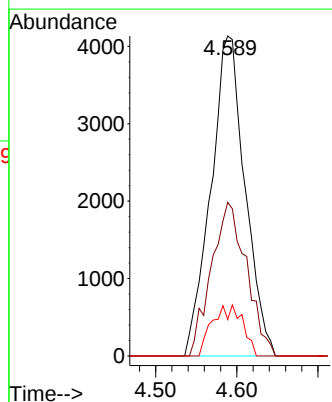
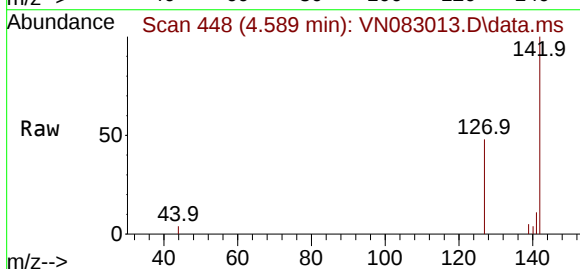
Manual Integrations
APPROVED

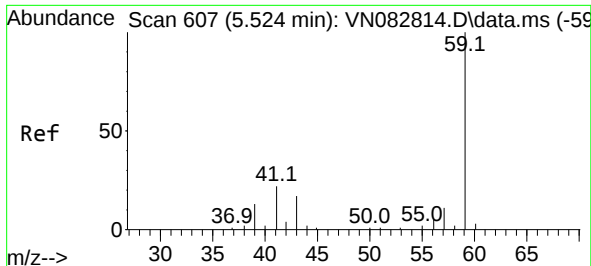
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#10
Methyl Iodide
Concen: 13.737 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

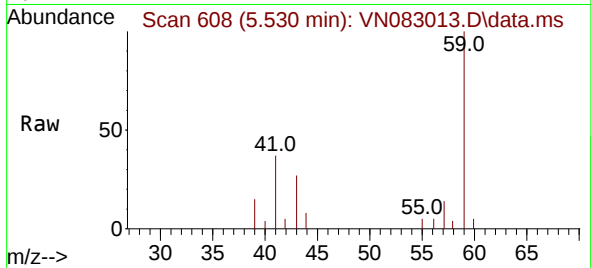
Tgt Ion:142 Resp: 12086
Ion Ratio Lower Upper
142 100
127 48.0 37.5 56.3
141 11.4 13.1 19.7#





#11
Tert butyl alcohol
Concen: 81.236 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

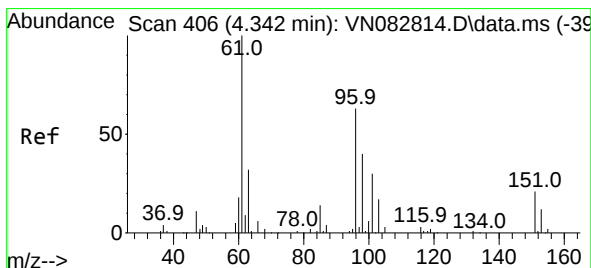
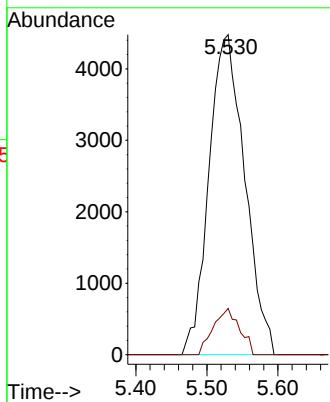
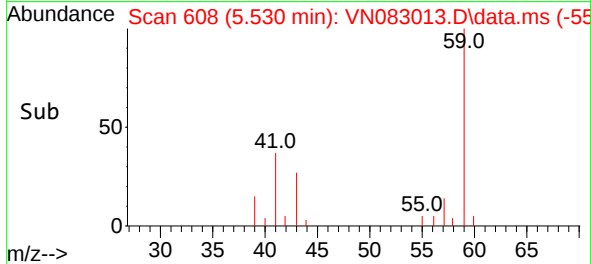
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



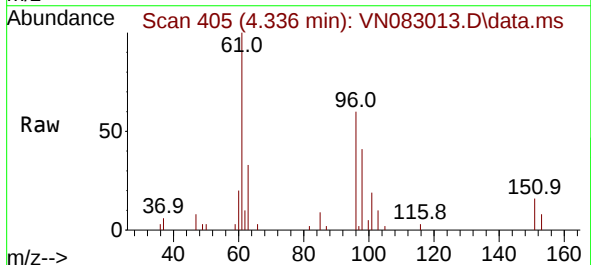
Tgt Ion: 59 Resp: 15658
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3

Manual Integrations
APPROVED

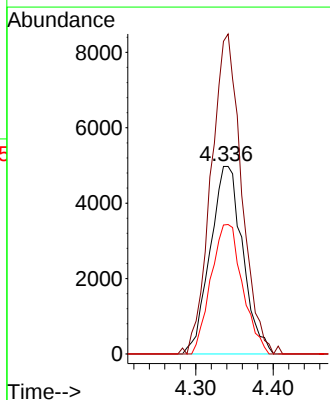
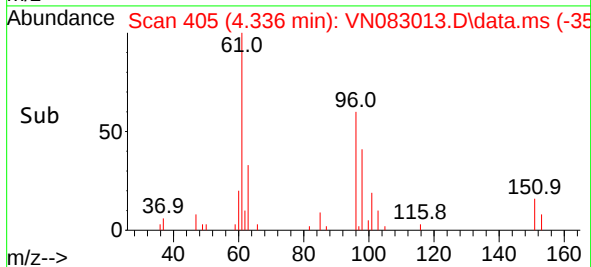
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

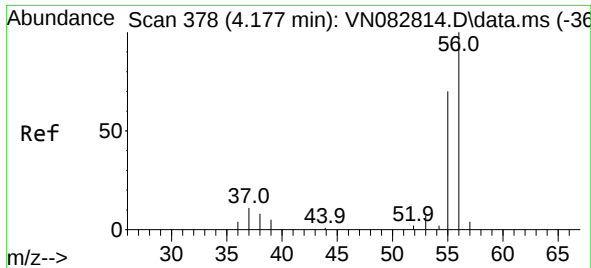


#12
1,1-Dichloroethene
Concen: 17.344 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42



Tgt Ion: 96 Resp: 14474
Ion Ratio Lower Upper
96 100
61 166.7 149.7 224.5
98 68.7 50.1 75.1





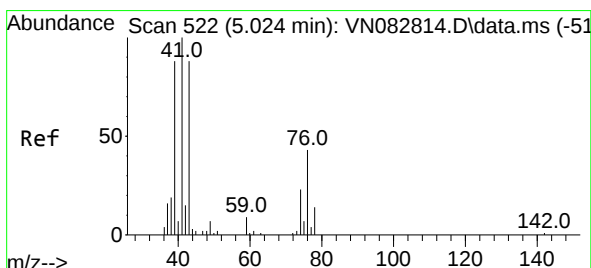
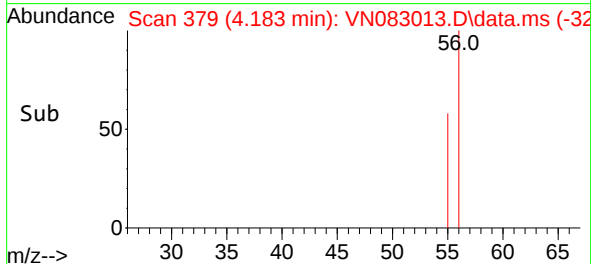
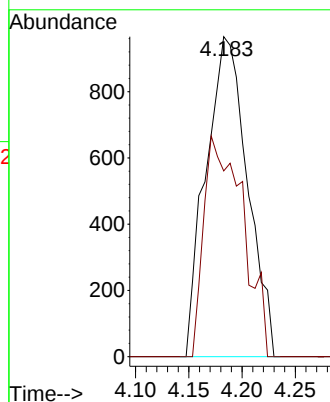
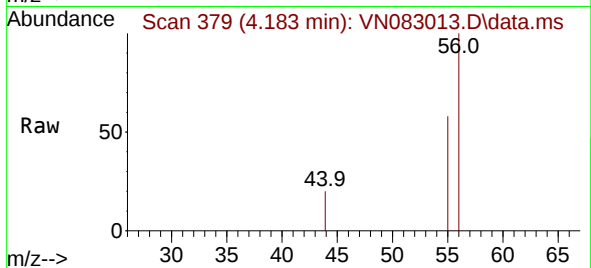
#13
Acrolein
Concen: 18.842 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion: 56 Resp: 262
Ion Ratio Lower Upper
56 100
55 64.9 56.4 84.6

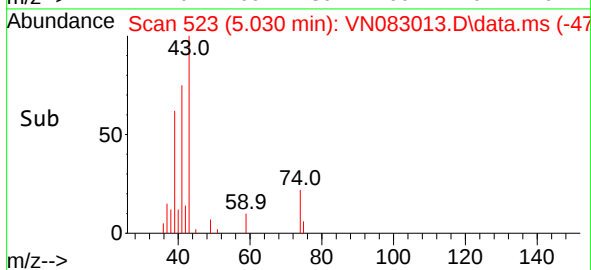
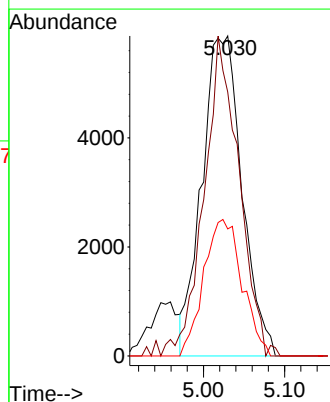
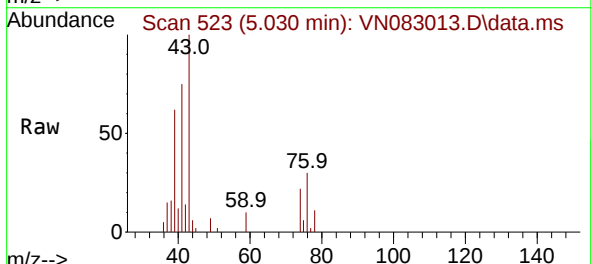
Manual Integrations
APPROVED

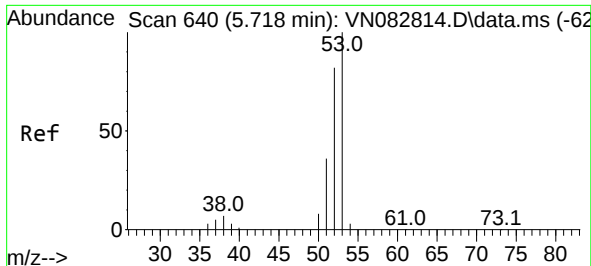
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#14
Allyl chloride
Concen: 15.437 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

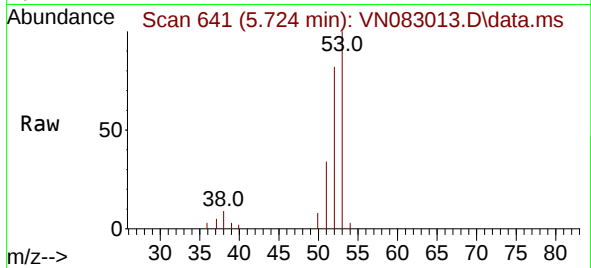
Tgt Ion: 41 Resp: 20087
Ion Ratio Lower Upper
41 100
39 87.3 67.8 101.6
76 41.1 25.8 38.8#





#15
Acrylonitrile
Concen: 97.321 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

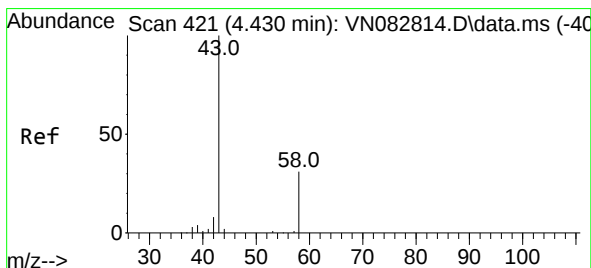
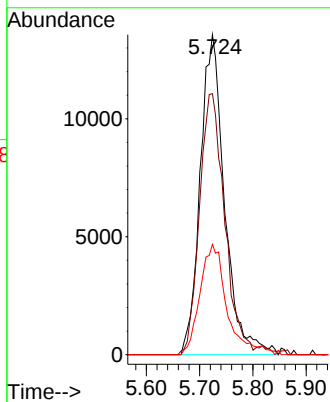
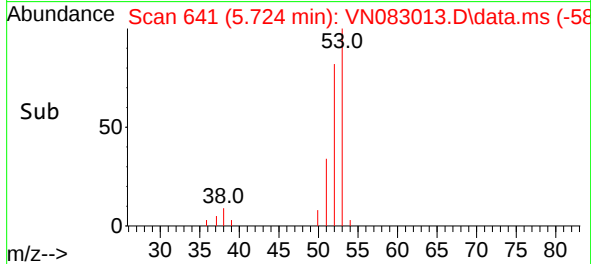
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



Tgt Ion: 53 Resp: 43110
Ion Ratio Lower Upper
53 100
52 84.1 66.6 100.0
51 38.0 30.1 45.1

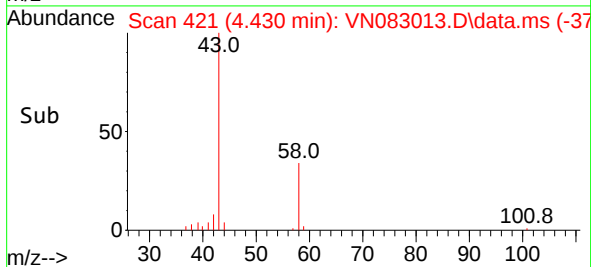
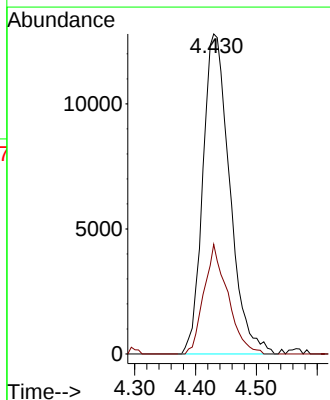
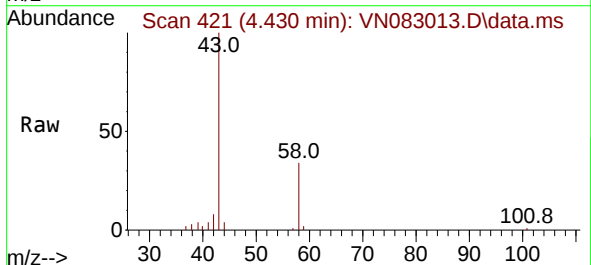
Manual Integrations
APPROVED

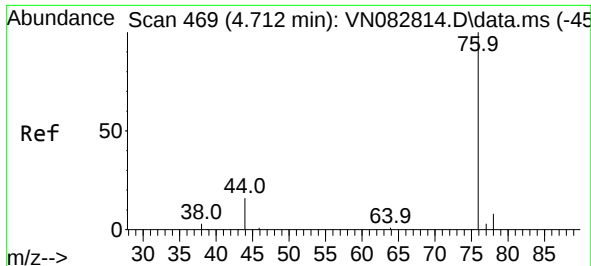
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#16
Acetone
Concen: 97.343 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

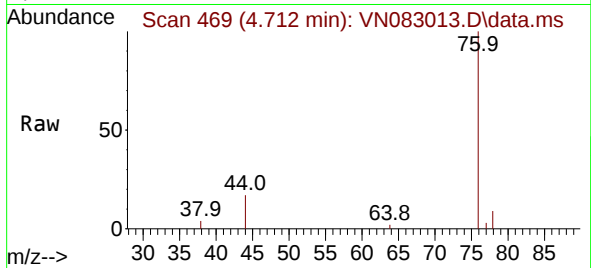
Tgt Ion: 43 Resp: 39275
Ion Ratio Lower Upper
43 100
58 34.3 21.8 32.6#





#17
Carbon Disulfide
Concen: 15.469 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

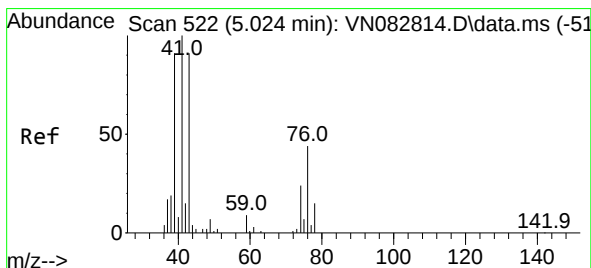
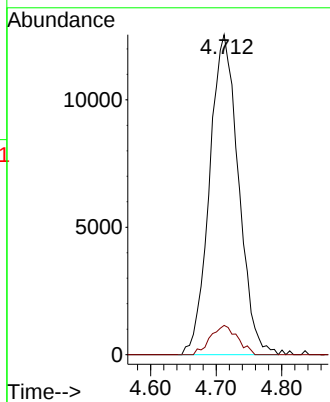
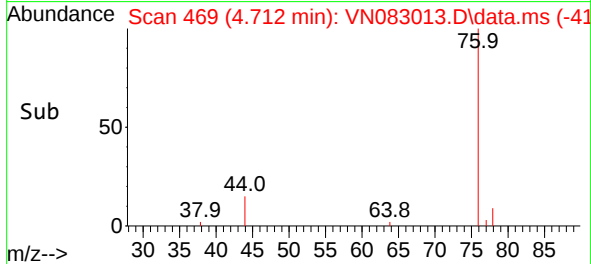
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



Tgt Ion: 76 Resp: 38579
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

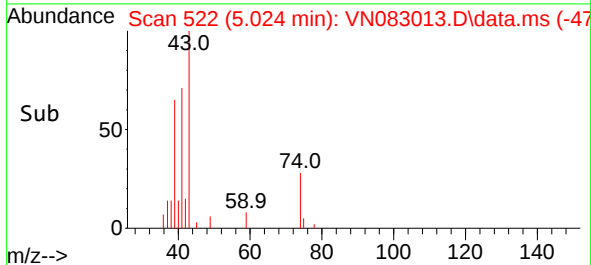
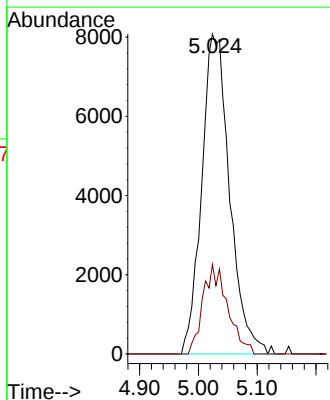
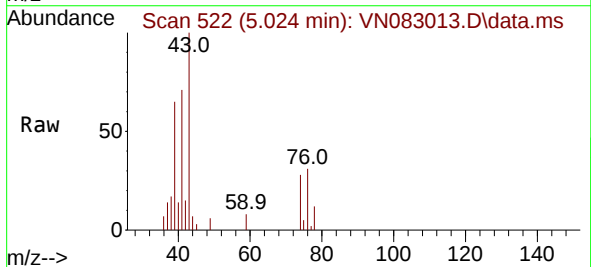
Manual Integrations
APPROVED

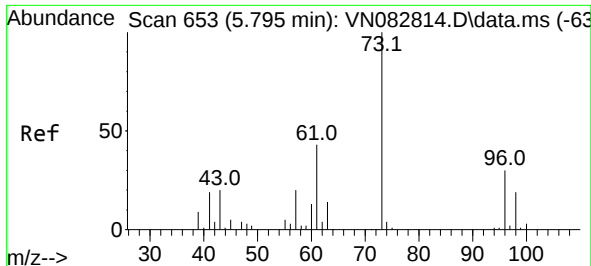
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#18
Methyl Acetate
Concen: 25.042 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Tgt Ion: 43 Resp: 26735
Ion Ratio Lower Upper
43 100
74 24.6 16.3 24.5#





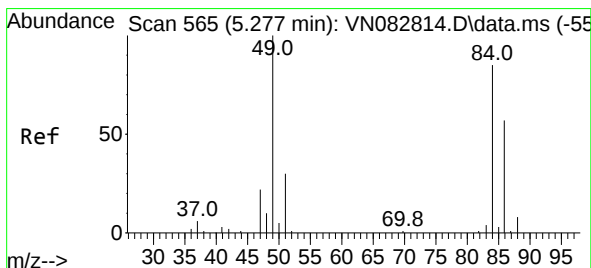
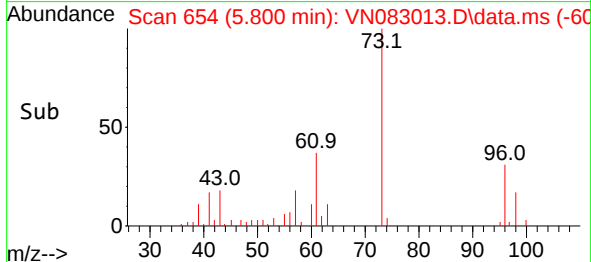
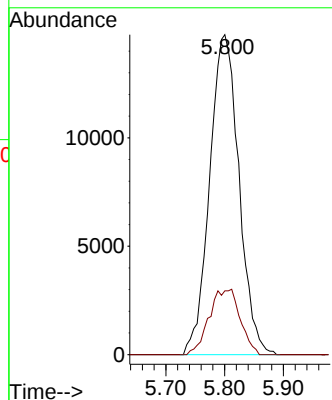
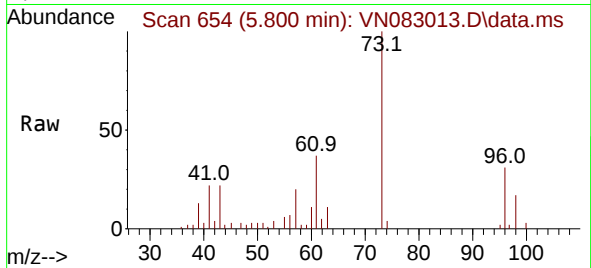
#19
Methyl tert-butyl Ether
Concen: 17.751 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion: 73 Resp: 5110
Ion Ratio Lower Upper
73 100
57 20.0 17.9 26.9

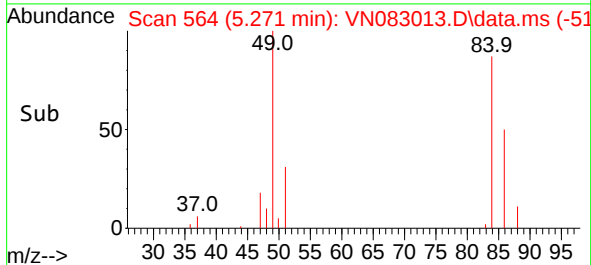
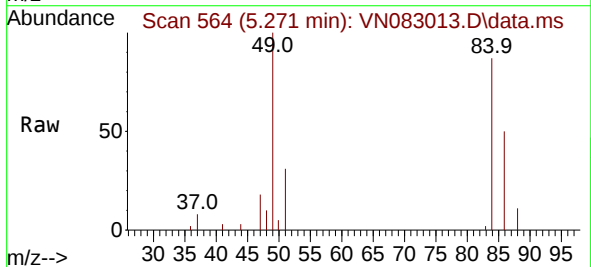
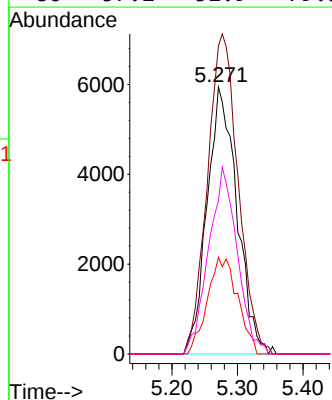
Manual Integrations
APPROVED

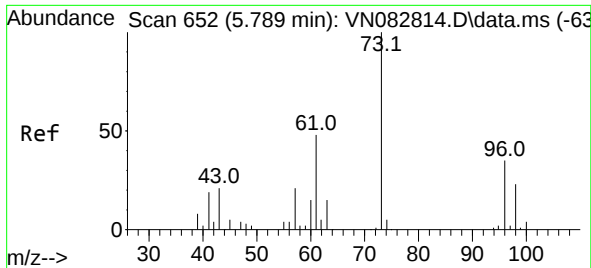
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#20
Methylene Chloride
Concen: 19.290 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Tgt Ion: 84 Resp: 18796
Ion Ratio Lower Upper
84 100
49 115.4 119.6 179.4#
51 36.2 34.8 52.2
86 57.2 52.9 79.3





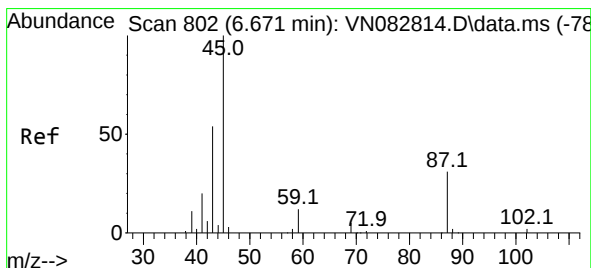
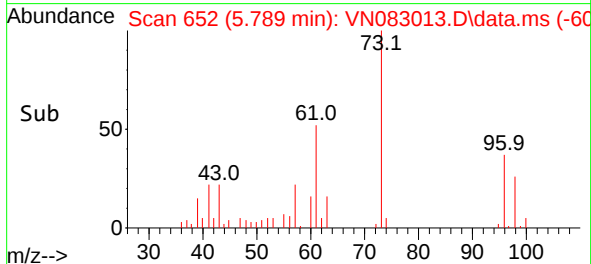
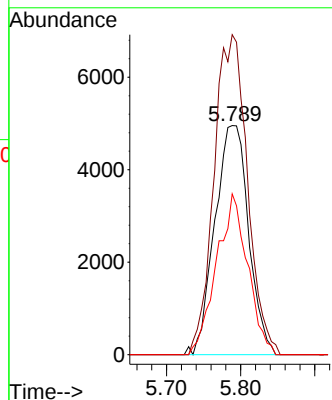
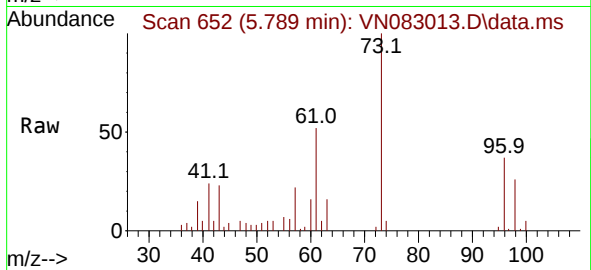
#21
trans-1,2-Dichloroethene
Concen: 17.315 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion: 96 Resp: 1565
Ion Ratio Lower Upper
96 100
61 139.7 123.4 185.2
98 70.2 49.3 73.9

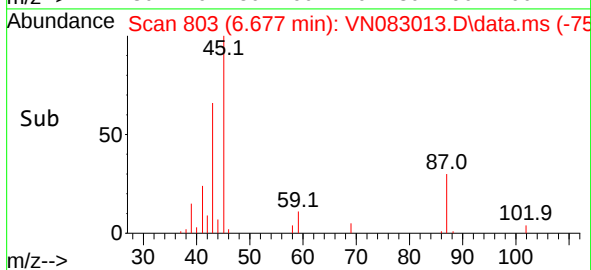
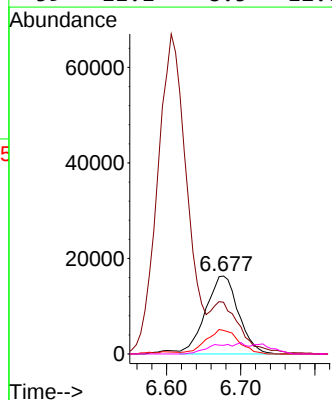
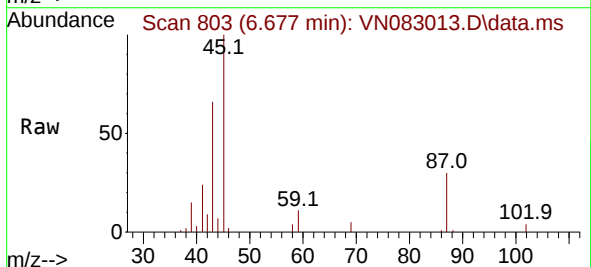
Manual Integrations
APPROVED

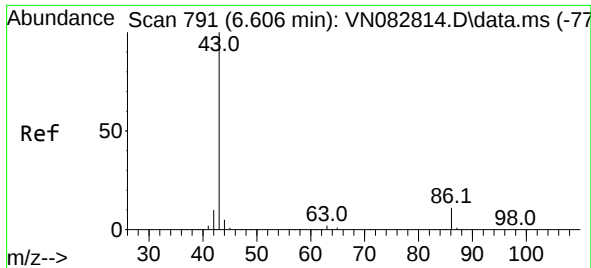
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#22
Diisopropyl ether
Concen: 18.413 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Tgt Ion: 45 Resp: 50125
Ion Ratio Lower Upper
45 100
43 62.7 44.0 66.0
87 30.2 19.7 29.5#
59 11.1 8.5 12.7





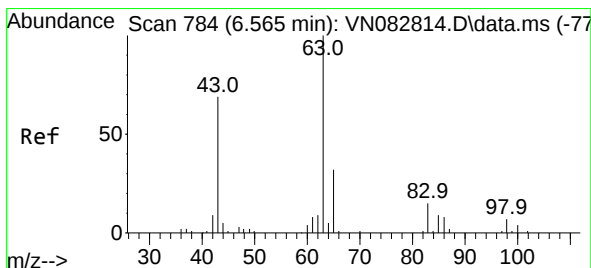
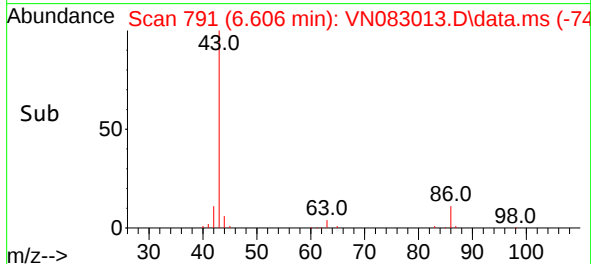
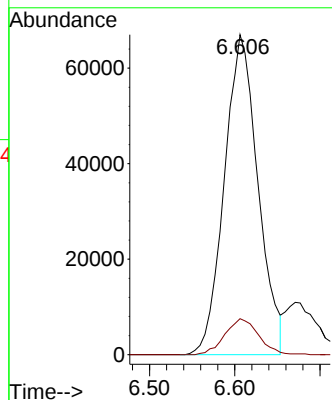
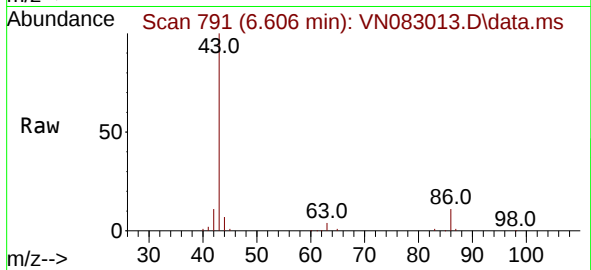
#23
 Vinyl Acetate
 Concen: 85.141 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN083013.D
 Acq: 23 Jul 2024 15:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tgt Ion: 43 Resp: 18406
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.3 10.9

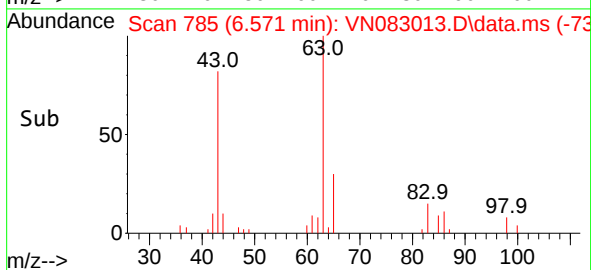
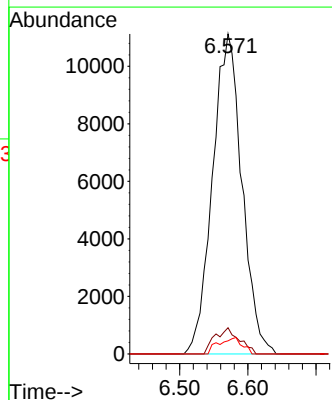
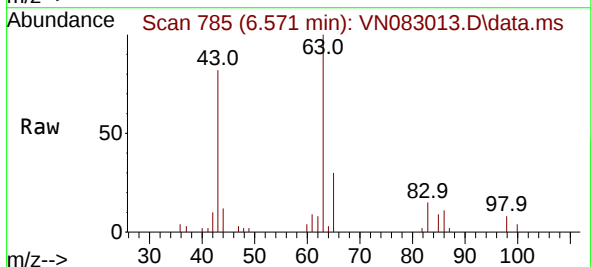
Manual Integrations
 APPROVED

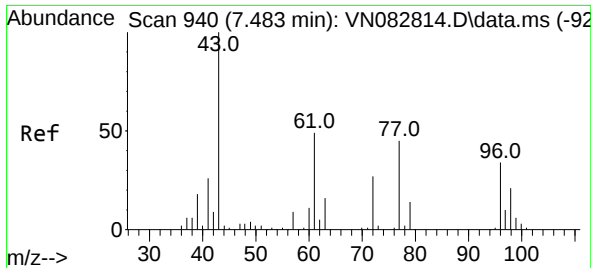
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024



#24
 1,1-Dichloroethane
 Concen: 20.232 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN083013.D
 Acq: 23 Jul 2024 15:42

Tgt Ion: 63 Resp: 33408
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.3 9.9
 100 4.1 2.0 6.0





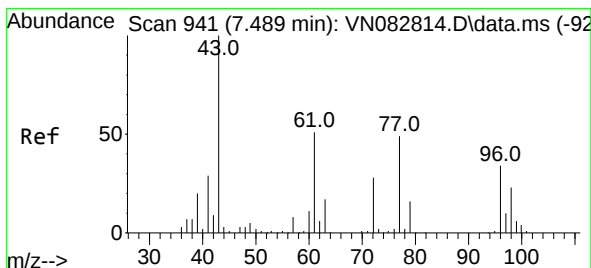
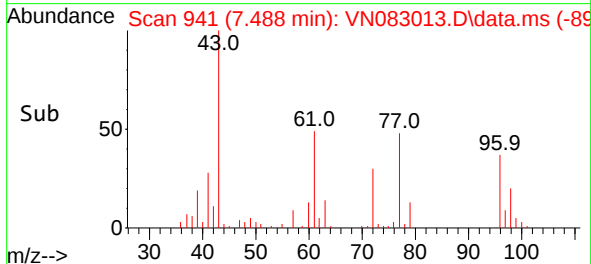
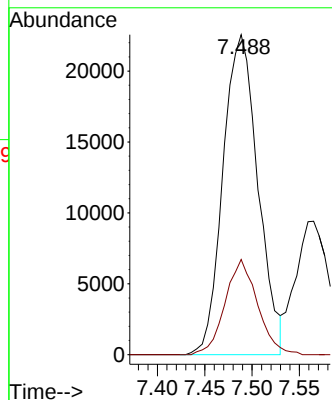
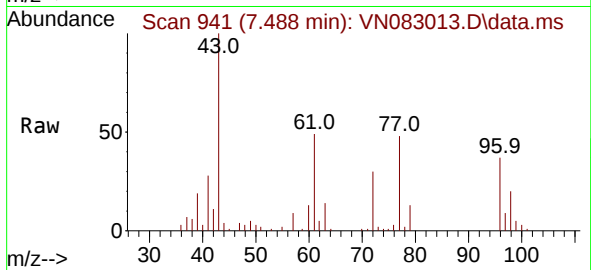
#25
2-Butanone
Concen: 95.133 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion: 43 Resp: 5795
Ion Ratio Lower Upper
43 100
72 29.8 18.2 27.2

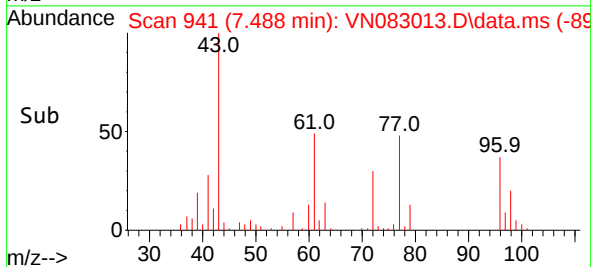
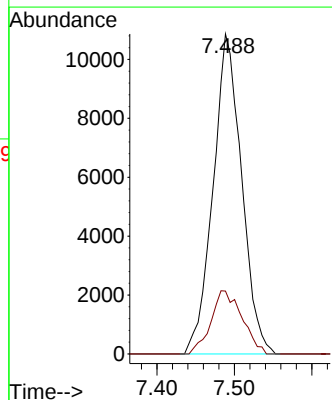
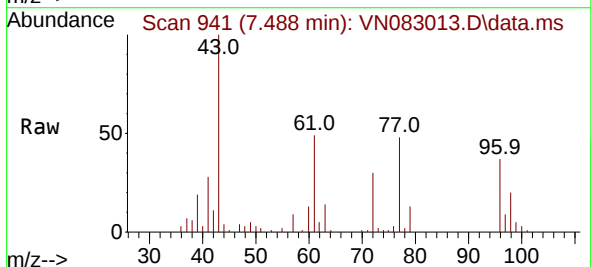
Manual Integrations
APPROVED

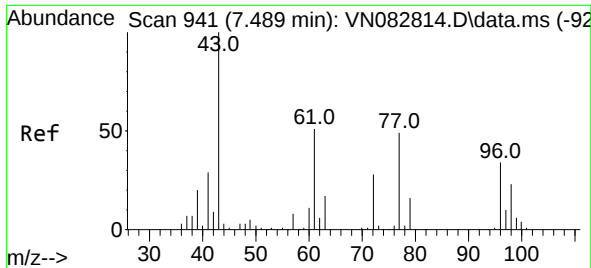
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#26
2,2-Dichloropropane
Concen: 18.104 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

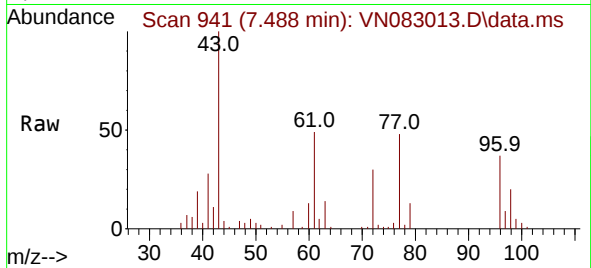
Tgt Ion: 77 Resp: 27795
Ion Ratio Lower Upper
77 100
97 21.6 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.056 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083013.D
 Acq: 23 Jul 2024 15:42

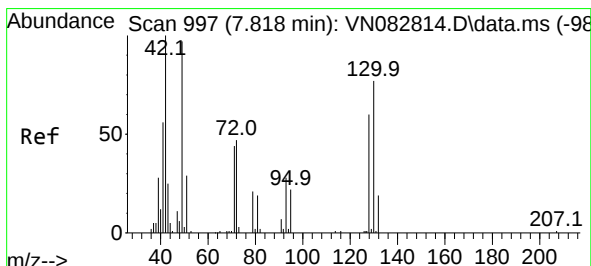
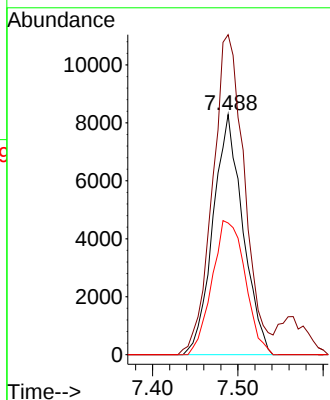
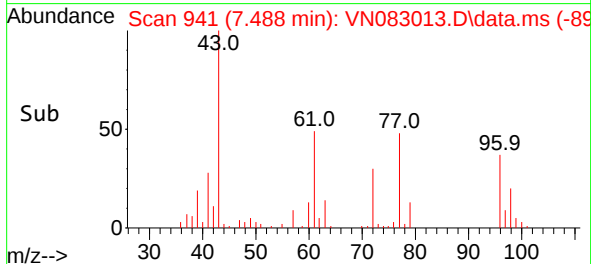
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01



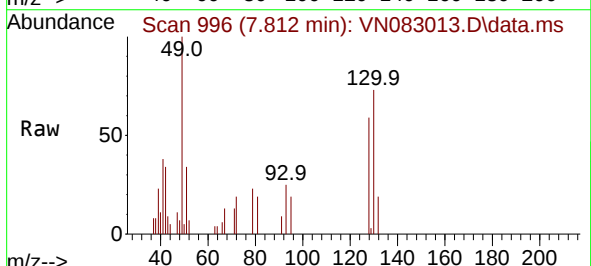
Tgt Ion: 96 Resp: 20174
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 329.6
 98 62.0 0.0 128.6

Manual Integrations
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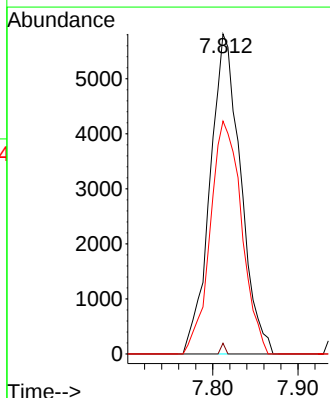
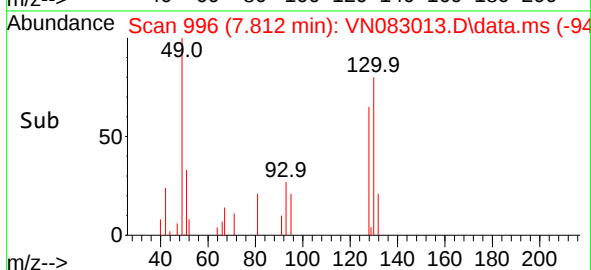
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

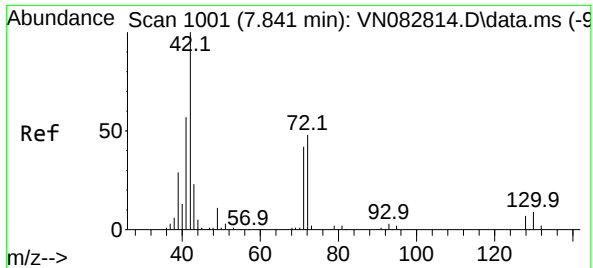


#28
 Bromochloromethane
 Concen: 20.478 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083013.D
 Acq: 23 Jul 2024 15:42



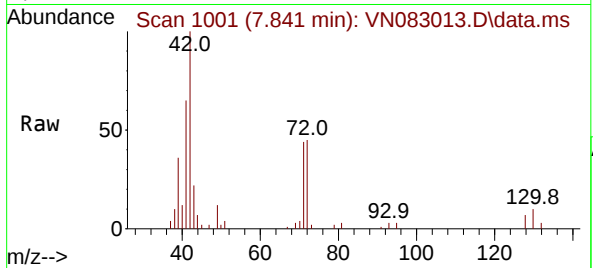
Tgt Ion: 49 Resp: 14506
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 3.8
 130 74.6 50.5 75.7





#29
Tetrahydrofuran
Concen: 96.304 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

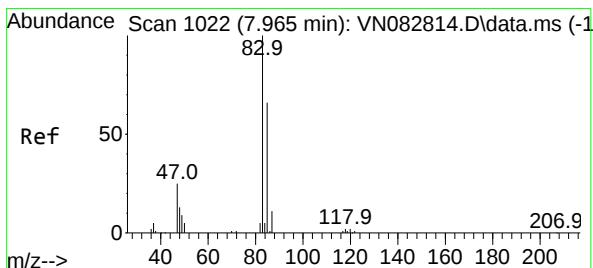
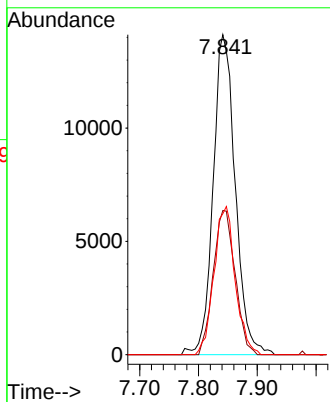
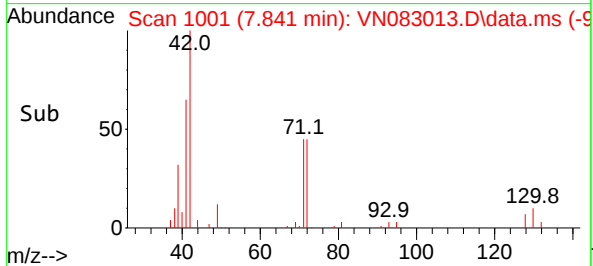
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



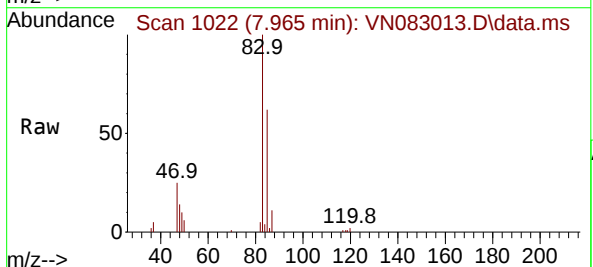
Tgt Ion: 42 Resp: 36930
Ion Ratio Lower Upper
42 100
72 44.6 30.0 45.0
71 44.3 28.3 42.5

Manual Integrations
APPROVED

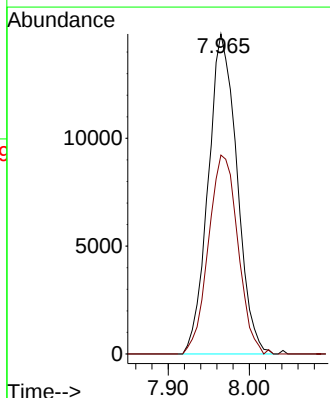
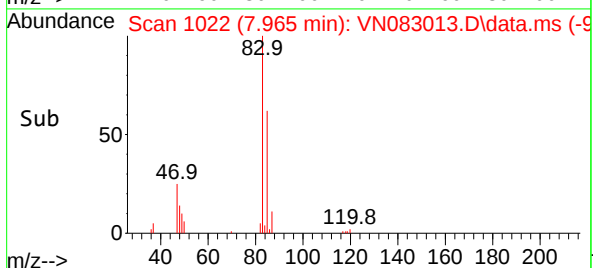
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

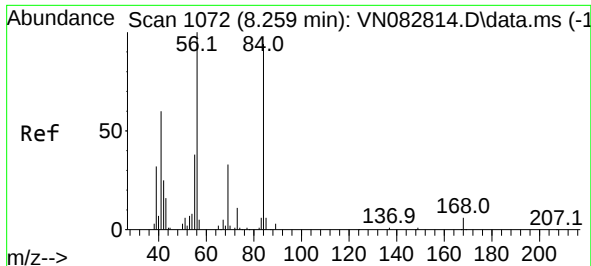


#30
Chloroform
Concen: 20.841 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42



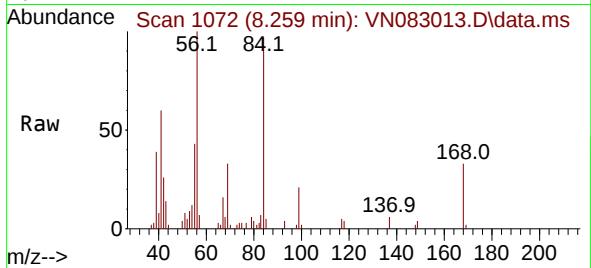
Tgt Ion: 83 Resp: 36508
Ion Ratio Lower Upper
83 100
85 62.2 50.9 76.3





#31
Cyclohexane
Concen: 16.381 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

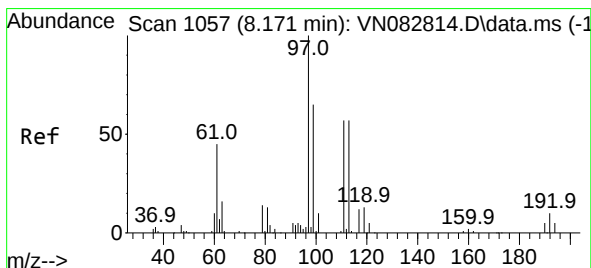
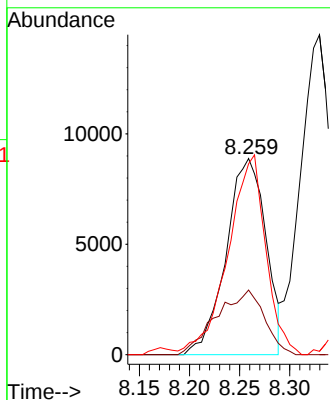
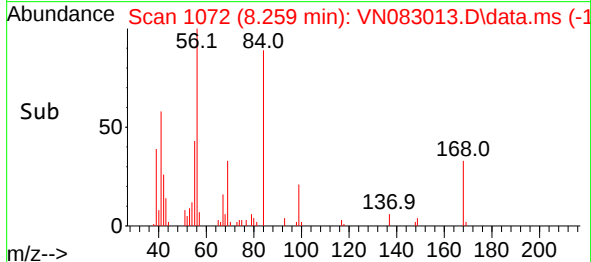
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



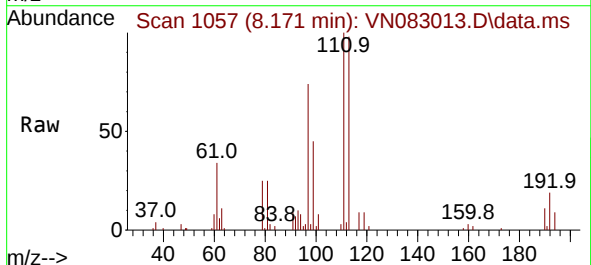
Tgt Ion: 56 Resp: 2454
Ion Ratio Lower Upper
56 100
69 33.0 24.5 36.7
84 95.4 66.0 99.0

Manual Integrations
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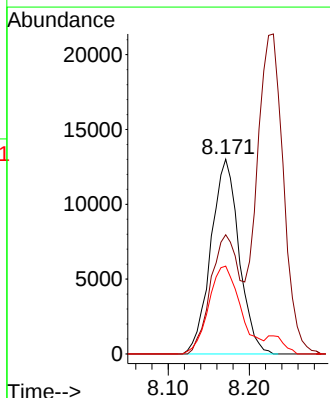
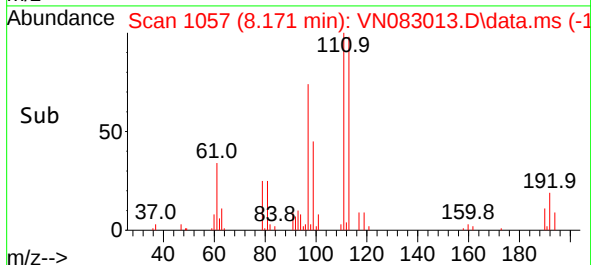
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

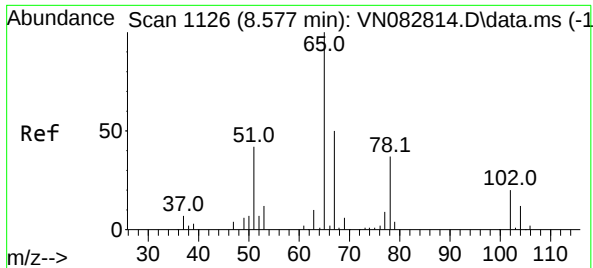


#32
1,1,1-Trichloroethane
Concen: 19.246 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42



Tgt Ion: 97 Resp: 31303
Ion Ratio Lower Upper
97 100
99 63.6 52.0 78.0
61 51.7 42.1 63.1





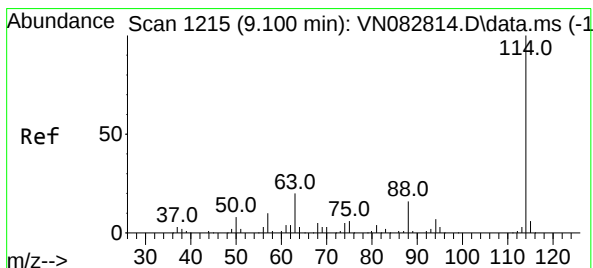
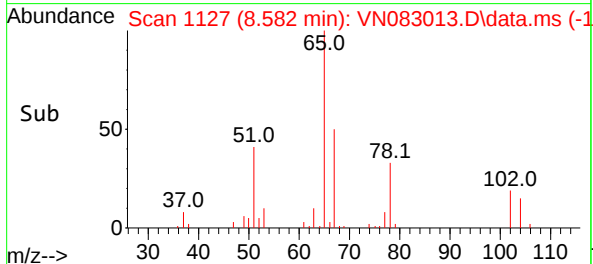
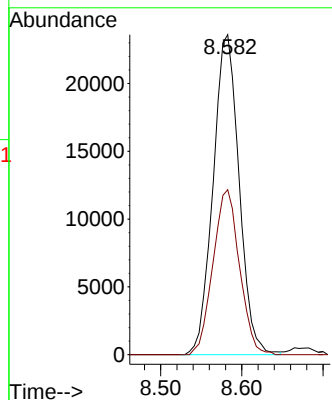
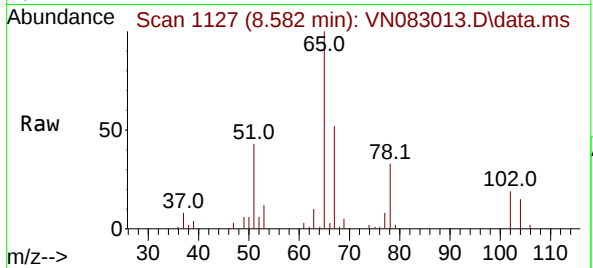
#33
1,2-Dichloroethane-d4
Concen: 45.895 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion: 65 Resp: 5259
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.4

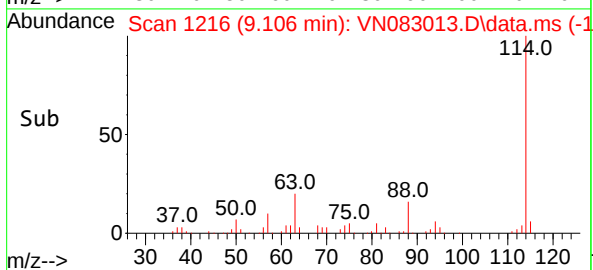
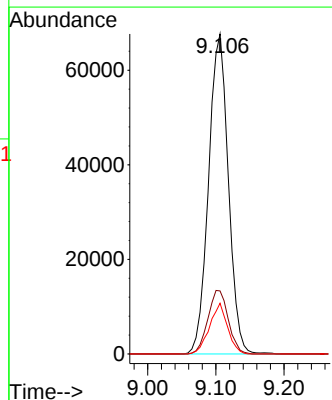
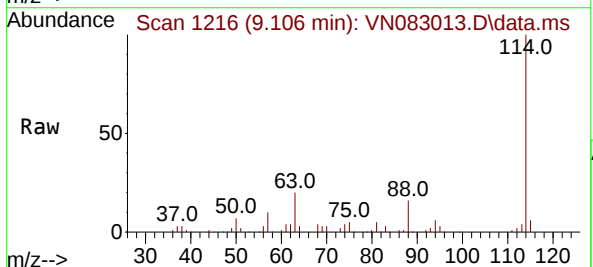
Manual Integrations
APPROVED

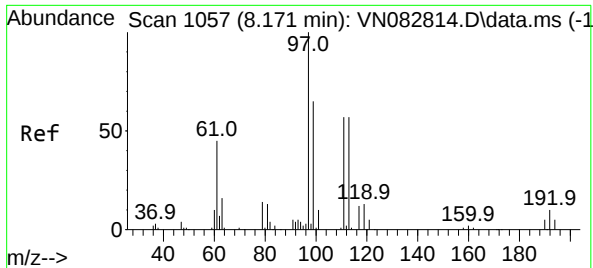
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

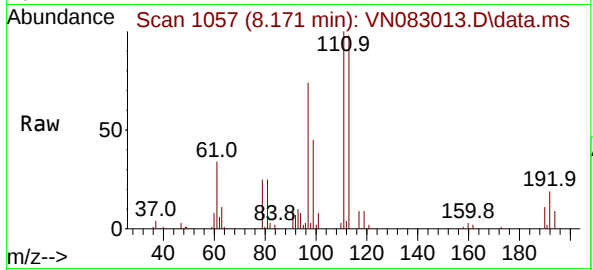
Tgt Ion:114 Resp: 136636
Ion Ratio Lower Upper
114 100
63 19.7 0.0 44.6
88 15.9 0.0 31.4





#35
Dibromofluoromethane
Concen: 47.360 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

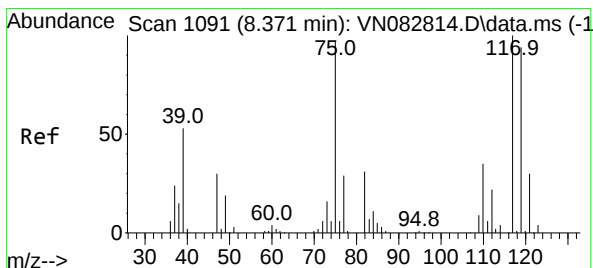
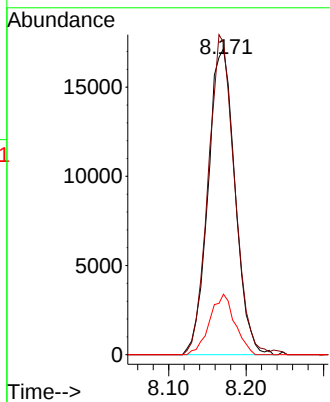
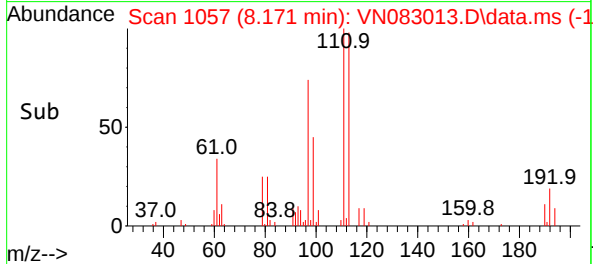
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



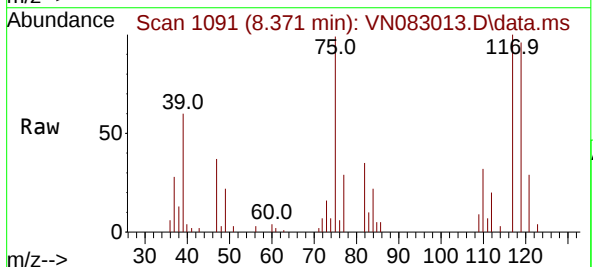
Tgt Ion: 113 Resp: 4152
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 18.4 14.9 22.3

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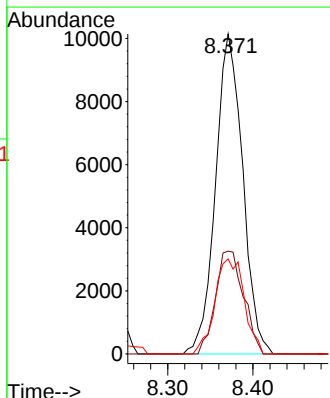
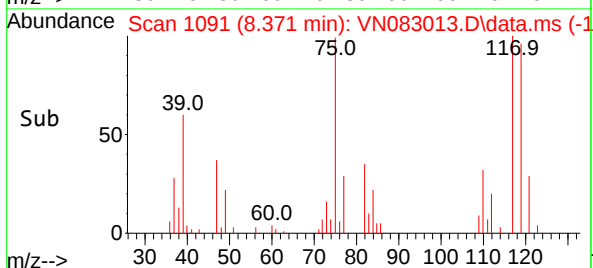
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

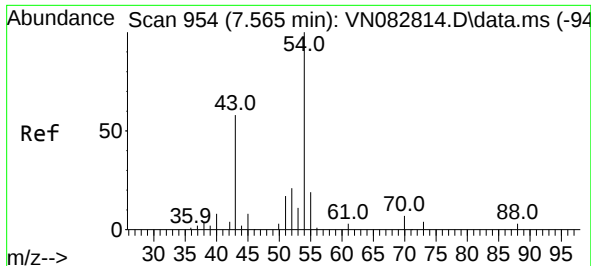


#36
1,1-Dichloropropene
Concen: 18.586 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42



Tgt Ion: 75 Resp: 22467
Ion Ratio Lower Upper
75 100
110 33.2 16.3 48.9
77 32.1 24.6 37.0





#37

Ethyl Acetate

Concen: 19.906 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083013.D

Acq: 23 Jul 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

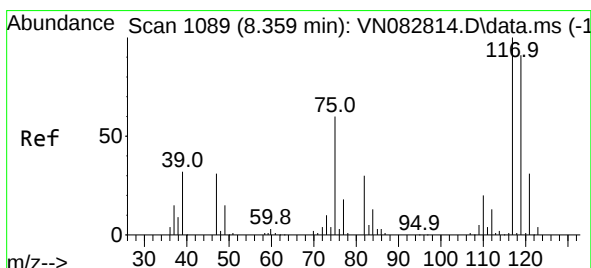
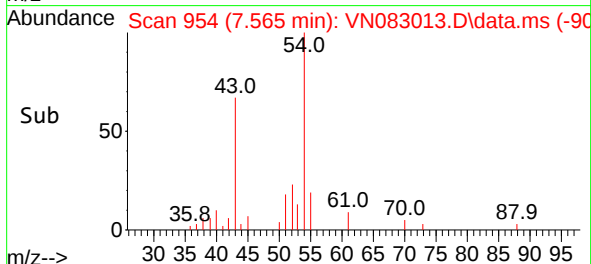
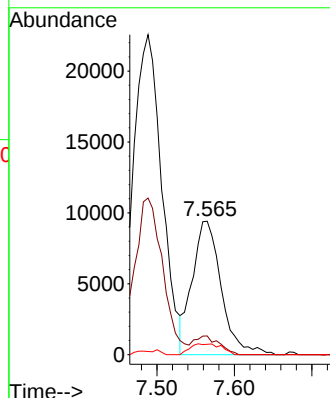
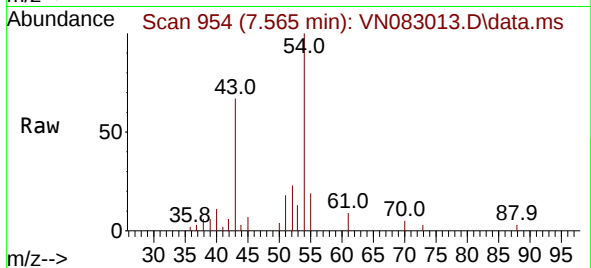
Tgt Ion: 43 Resp: 24498

Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.3	13.9
70	8.8	7.0	10.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#38

Carbon Tetrachloride

Concen: 19.108 ug/l

RT: 8.365 min Scan# 1090

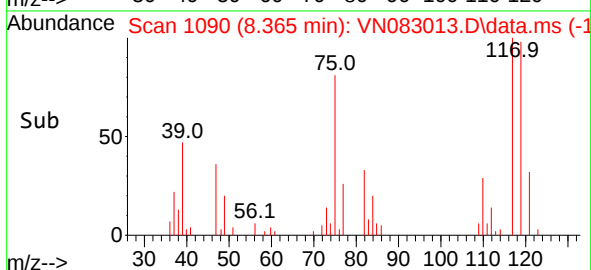
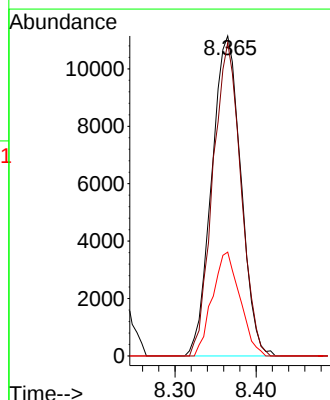
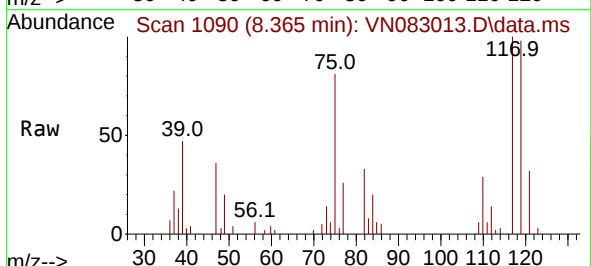
Delta R.T. -0.000 min

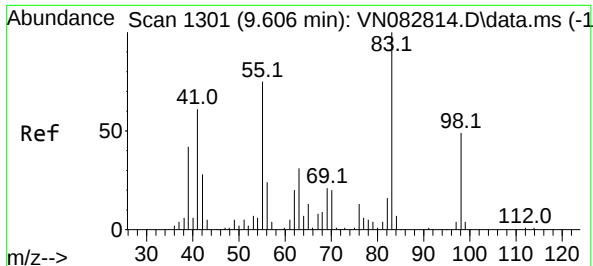
Lab File: VN083013.D

Acq: 23 Jul 2024 15:42

Tgt Ion:117 Resp: 27811

Ion	Ratio	Lower	Upper
117	100		
119	97.9	74.9	112.3
121	32.5	24.3	36.5





#39

Methylcyclohexane

Concen: 15.263 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN083013.D

Acq: 23 Jul 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

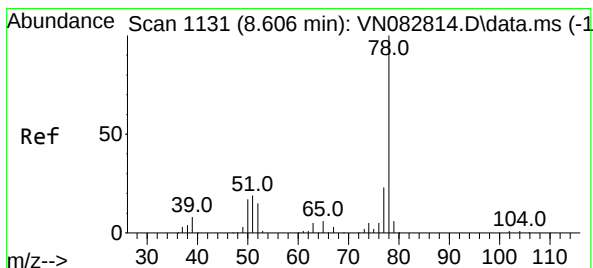
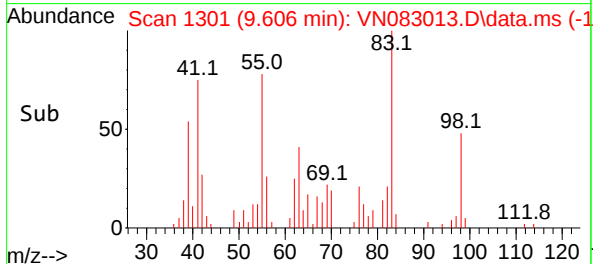
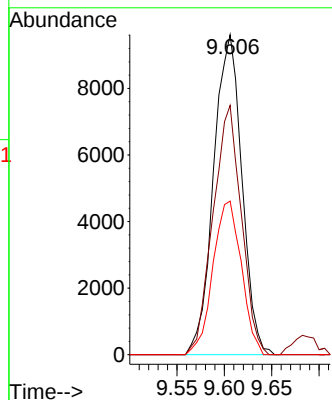
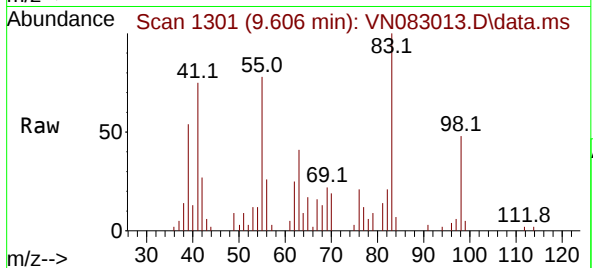
Tgt Ion: 83	Resp: 19930
Ion Ratio	Lower Upper
83	100
55	77.9 66.4 99.6
98	48.0 40.7 61.1

Manual Integrations

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Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#40

Benzene

Concen: 19.591 ug/l

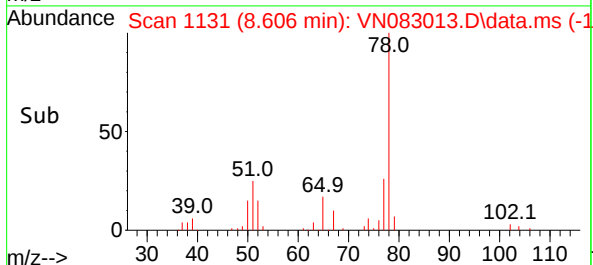
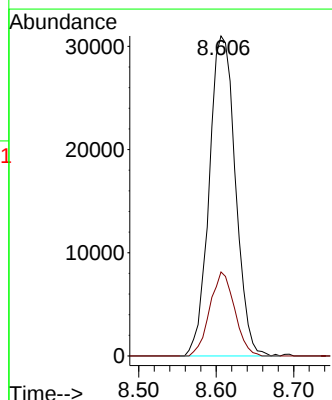
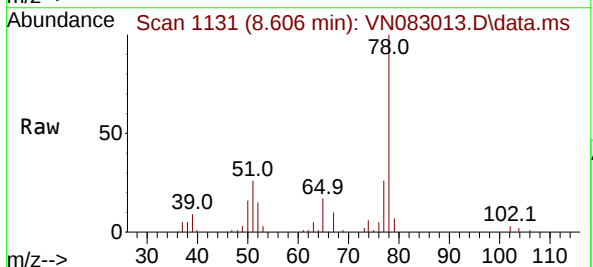
RT: 8.606 min Scan# 1131

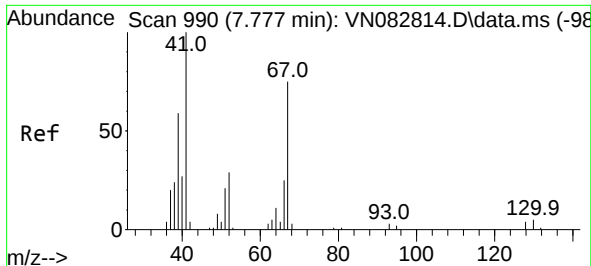
Delta R.T. 0.000 min

Lab File: VN083013.D

Acq: 23 Jul 2024 15:42

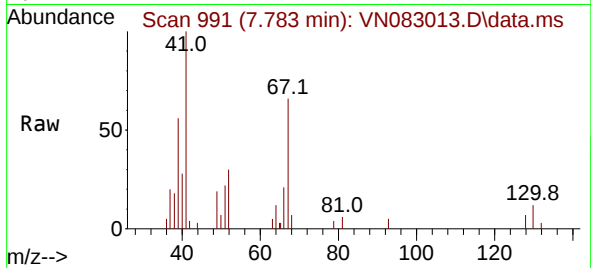
Tgt Ion: 78	Resp: 72846
Ion Ratio	Lower Upper
78	100
77	26.3 19.0 28.4





#41
Methacrylonitrile
Concen: 19.395 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

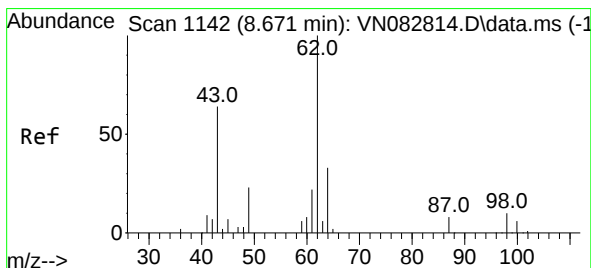
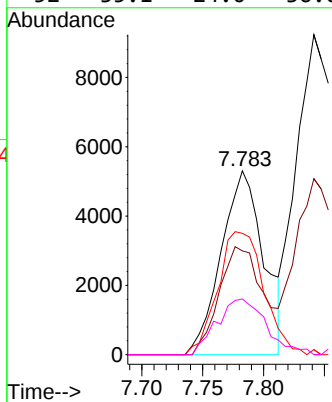
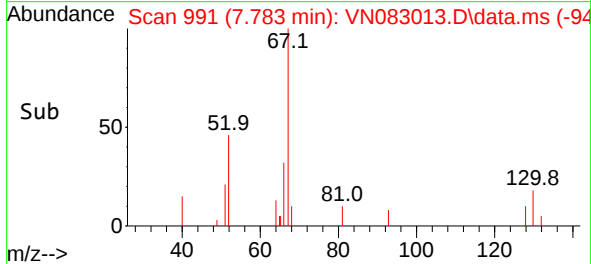
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



Tgt Ion: 41 Resp: 1285
Ion Ratio Lower Upper
41 100
39 61.4 45.5 68.3
67 73.0 50.5 75.7
52 35.1 24.0 36.0

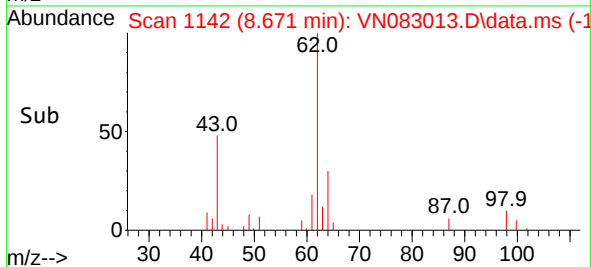
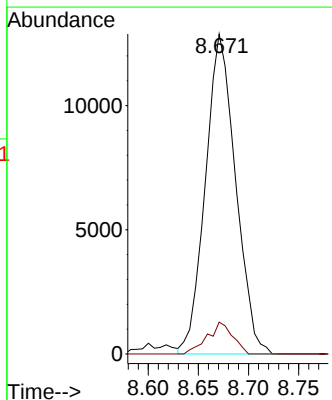
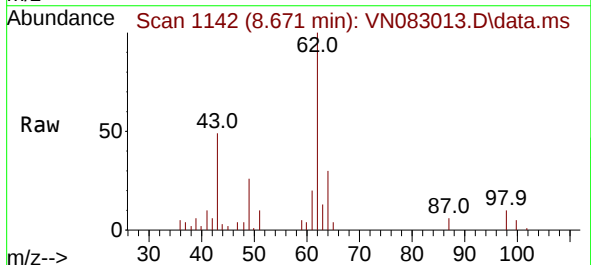
Manual Integrations
APPROVED

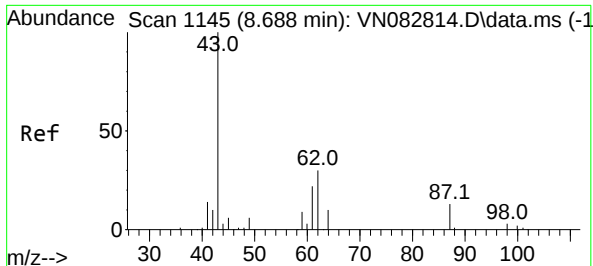
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#42
1,2-Dichloroethane
Concen: 20.168 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Tgt Ion: 62 Resp: 26997
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.8





#43

Isopropyl Acetate

Concen: 15.571 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN083013.D

Acq: 23 Jul 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

Tgt Ion: 43 Resp: 40874

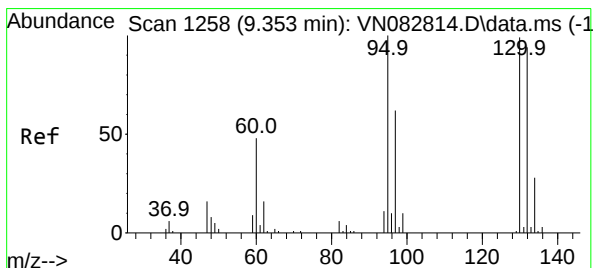
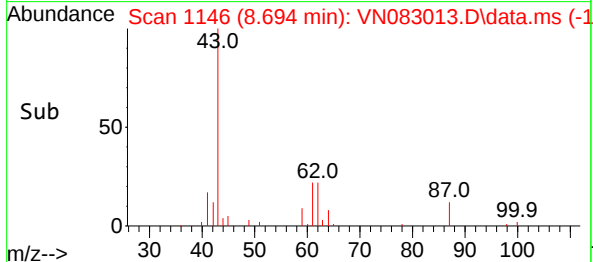
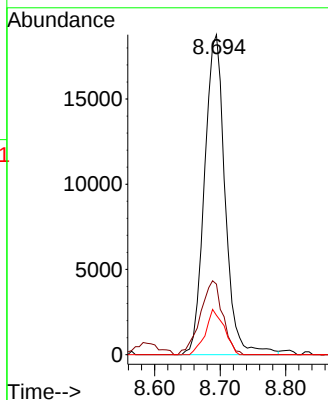
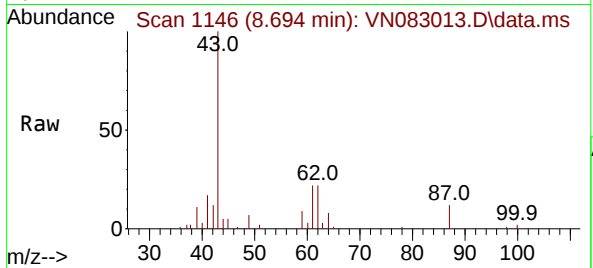
Ion	Ratio	Lower	Upper
43	100		
61	25.2	17.8	26.6
87	12.9	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#44

Trichloroethene

Concen: 17.373 ug/l

RT: 9.353 min Scan# 1258

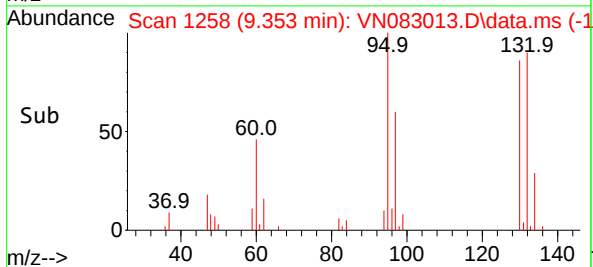
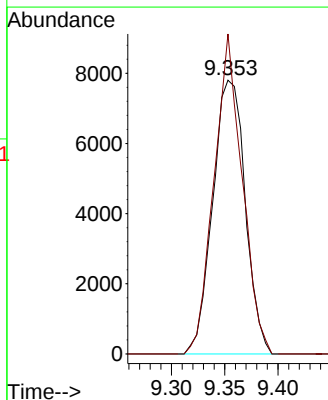
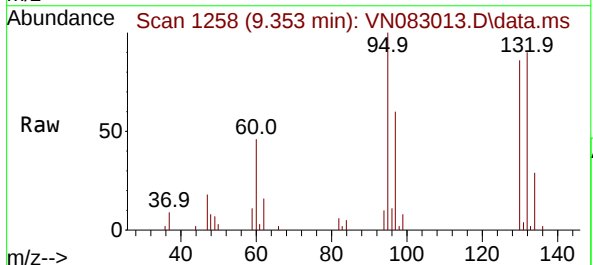
Delta R.T. 0.000 min

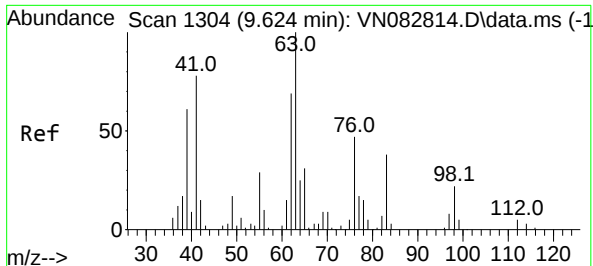
Lab File: VN083013.D

Acq: 23 Jul 2024 15:42

Tgt Ion:130 Resp: 16550

Ion	Ratio	Lower	Upper
130	100		
95	116.9	0.0	197.8





#45

1,2-Dichloropropane

Concen: 21.021 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN083013.D

Acq: 23 Jul 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

Tgt Ion: 63 Resp: 1824

Ion Ratio Lower Upper

63 100

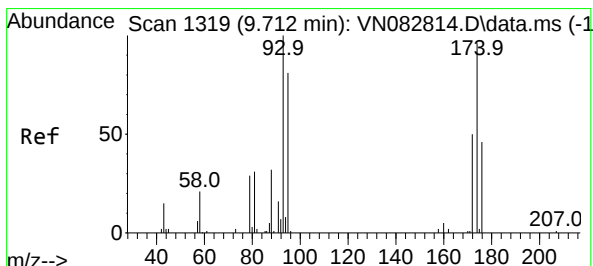
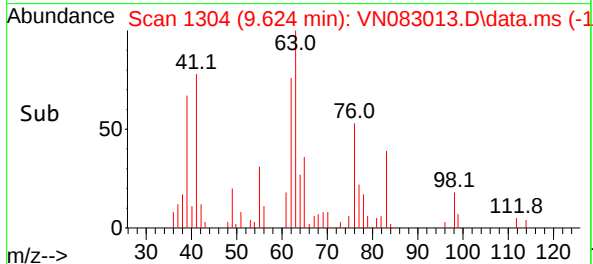
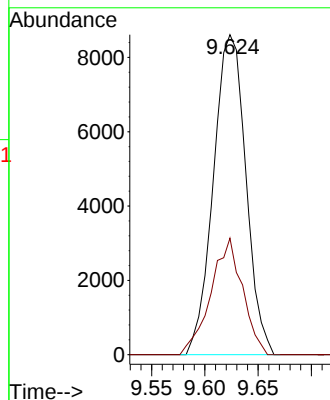
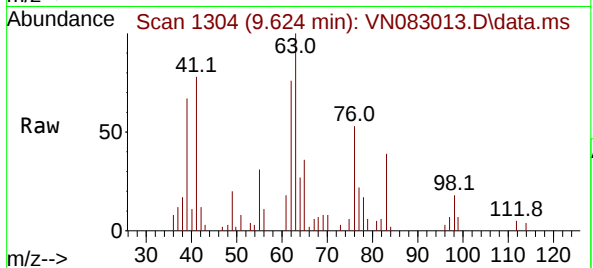
65 36.4 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#46

Dibromomethane

Concen: 20.578 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083013.D

Acq: 23 Jul 2024 15:42

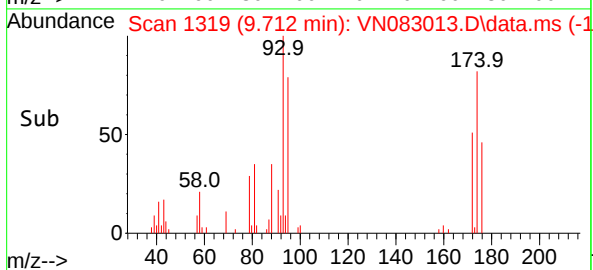
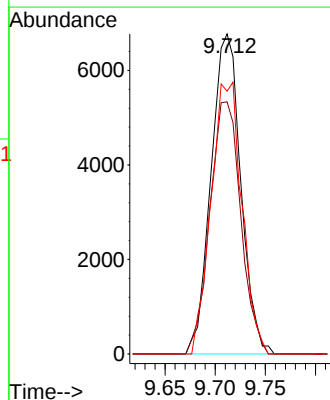
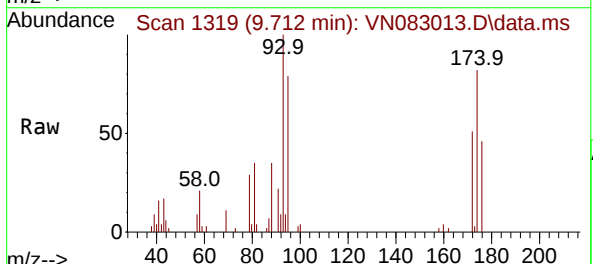
Tgt Ion: 93 Resp: 13917

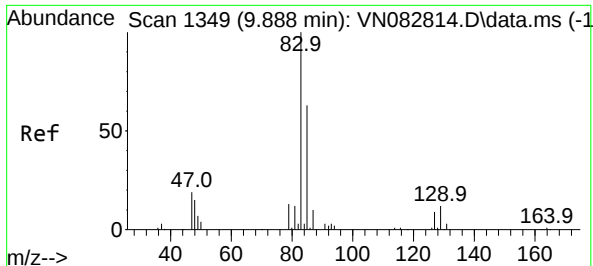
Ion Ratio Lower Upper

93 100

95 82.1 65.8 98.6

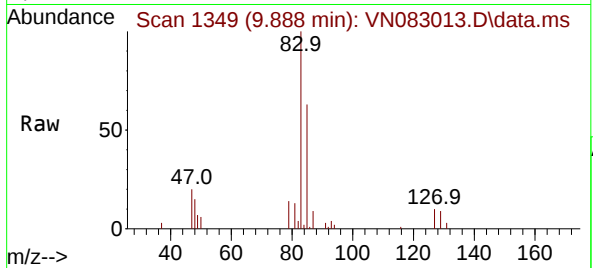
174 87.9 71.7 107.5





#47
Bromodichloromethane
Concen: 20.961 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

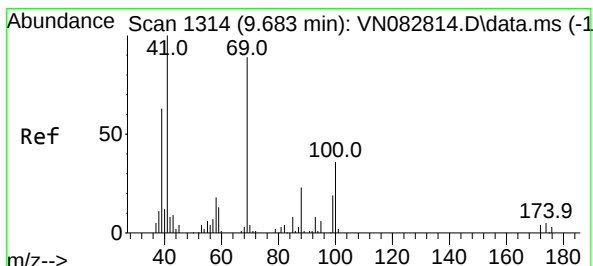
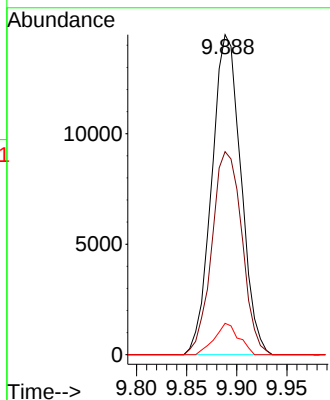
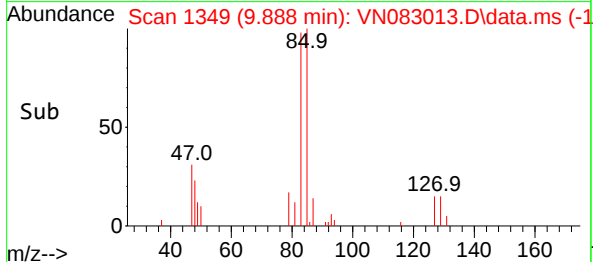
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



Tgt Ion: 83 Resp: 2929
Ion Ratio Lower Upper
83 100
85 63.4 51.1 76.7
127 9.8 7.2 10.8

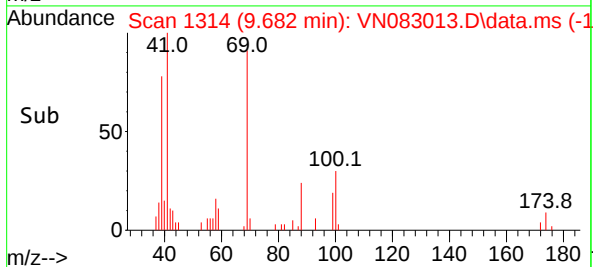
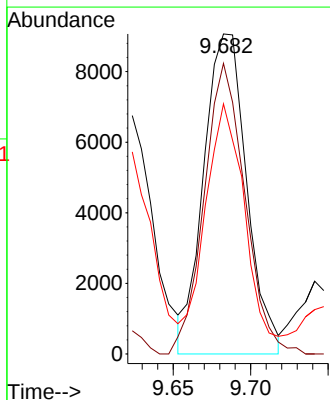
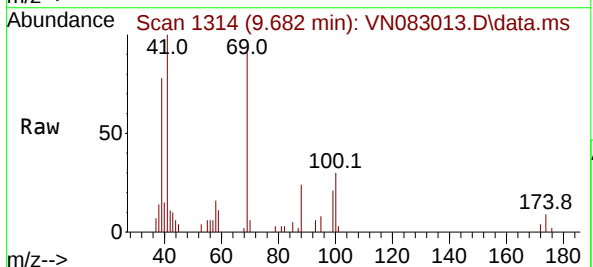
Manual Integrations
APPROVED

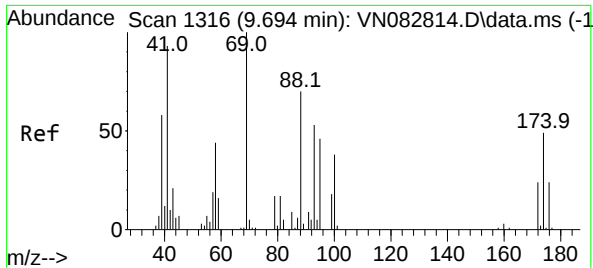
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#48
Methyl methacrylate
Concen: 18.136 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Tgt Ion: 41 Resp: 17501
Ion Ratio Lower Upper
41 100
69 86.2 56.3 84.5
39 72.7 50.3 75.5





#49

1,4-Dioxane

Concen: 353.990 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN083013.D

Acq: 23 Jul 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

Tgt Ion: 88 Resp: 753

Ion Ratio Lower Upper

88 100

43 30.3 27.8 41.8

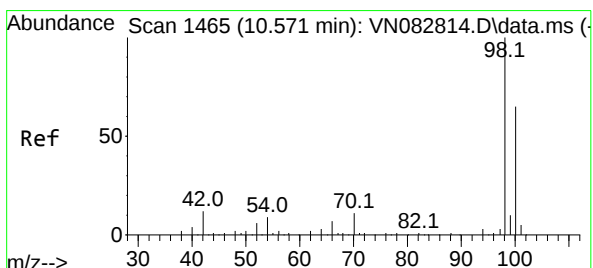
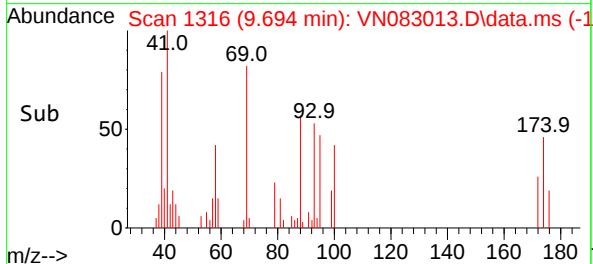
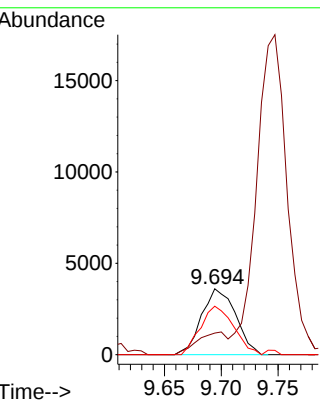
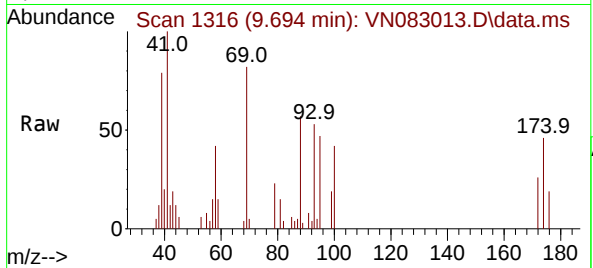
58 71.7 59.4 89.0

Manual Integrations

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Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#50

Toluene-d8

Concen: 45.802 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083013.D

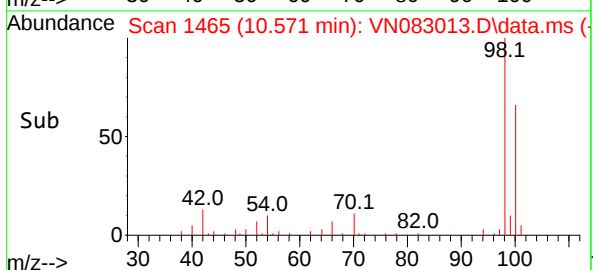
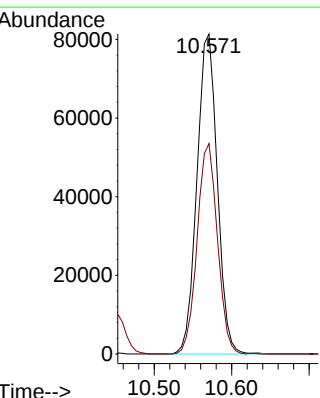
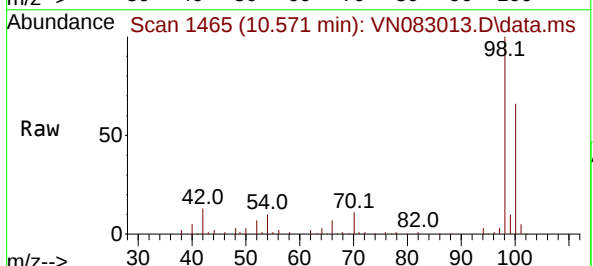
Acq: 23 Jul 2024 15:42

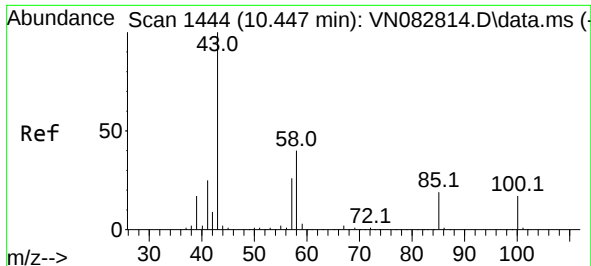
Tgt Ion: 98 Resp: 148320

Ion Ratio Lower Upper

98 100

100 65.5 51.5 77.3





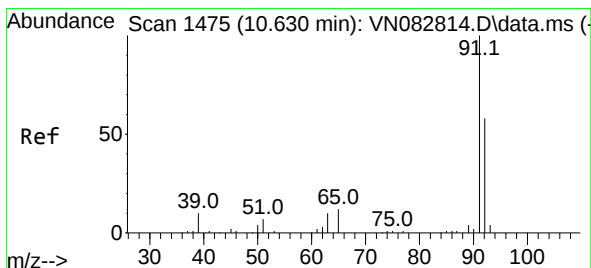
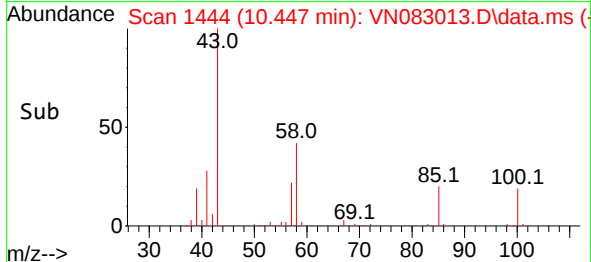
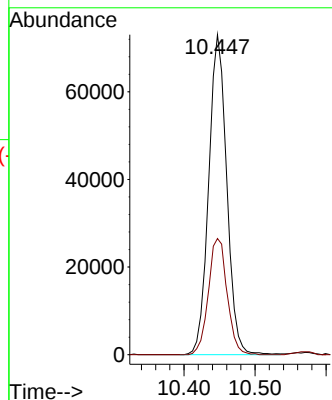
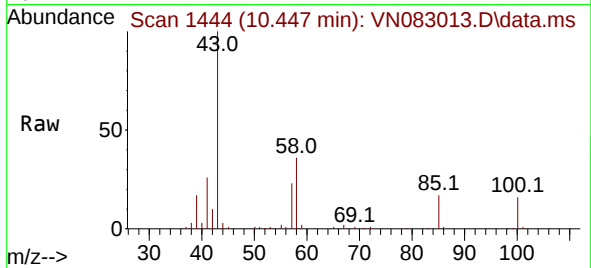
#51
4-Methyl-2-Pentanone
Concen: 105.740 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion: 43 Resp: 12901
Ion Ratio Lower Upper
43 100
58 37.7 28.2 42.4

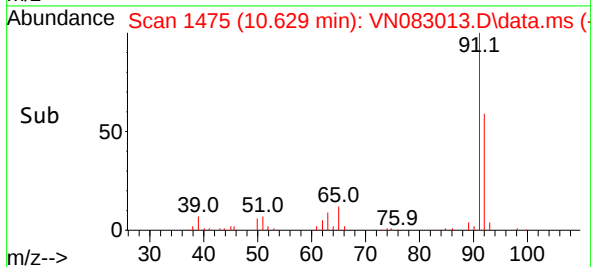
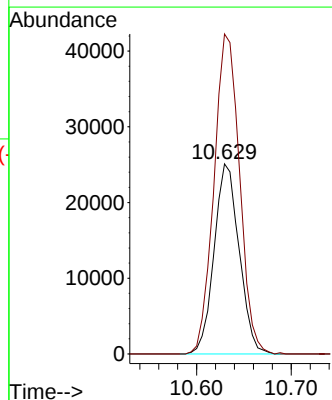
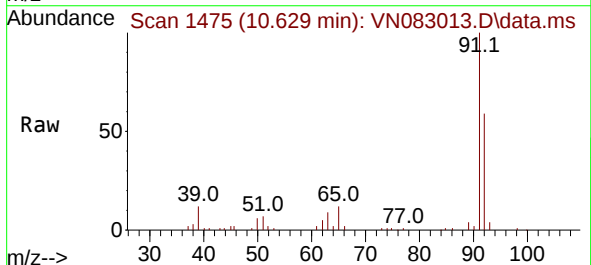
Manual Integrations
APPROVED

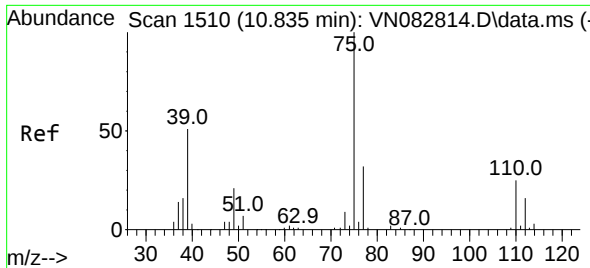
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#52
Toluene
Concen: 19.835 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Tgt Ion: 92 Resp: 46071
Ion Ratio Lower Upper
92 100
91 172.4 139.4 209.0





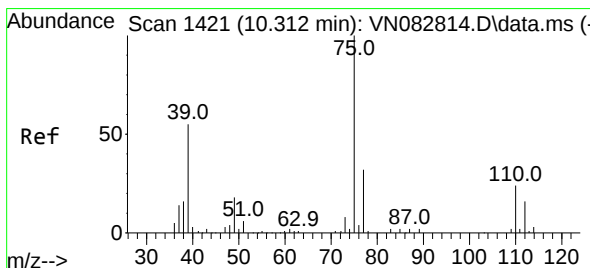
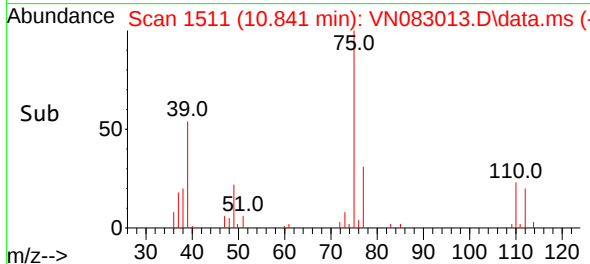
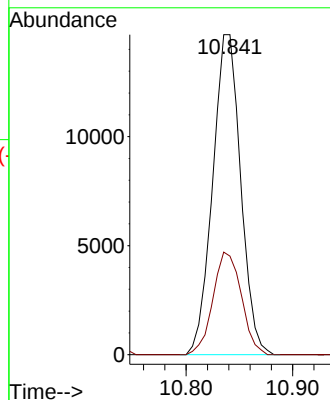
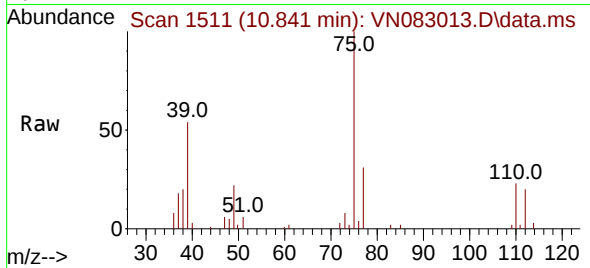
#53
t-1,3-Dichloropropene
Concen: 18.647 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion: 75 Resp: 2684
Ion Ratio Lower Upper
75 100
77 30.8 25.7 38.5

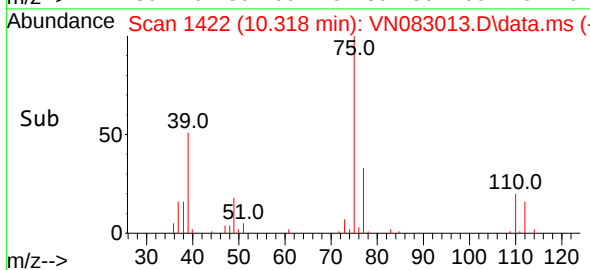
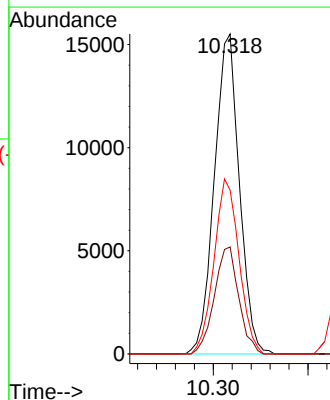
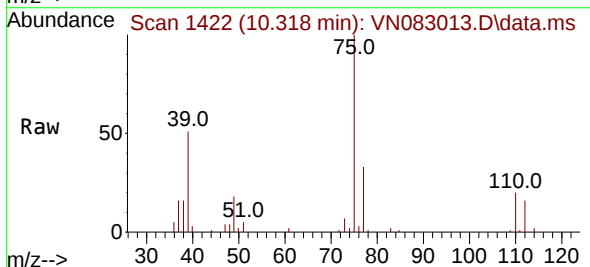
Manual Integrations
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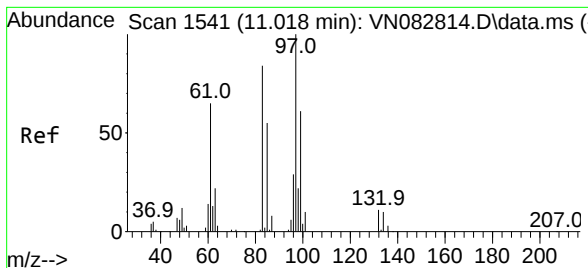
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#54
cis-1,3-Dichloropropene
Concen: 18.651 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

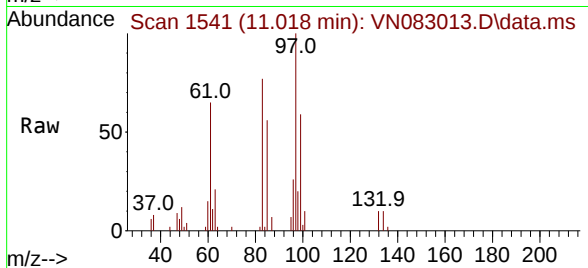
Tgt Ion: 75 Resp: 28420
Ion Ratio Lower Upper
75 100
77 33.5 24.3 36.5
39 51.2 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 22.169 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

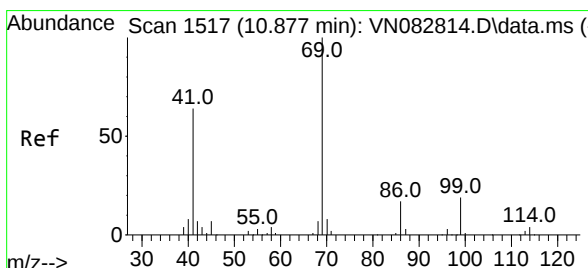
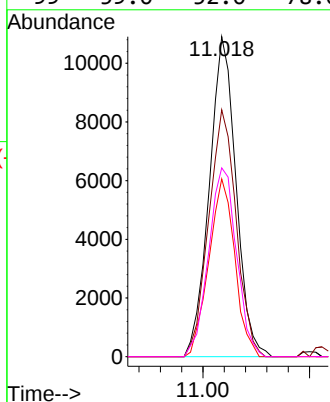
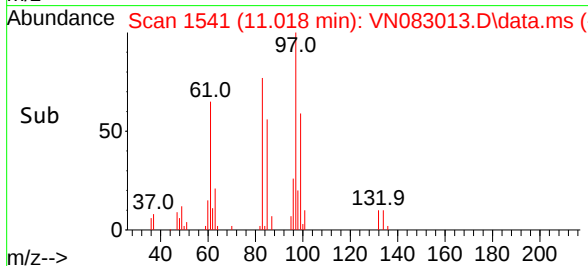
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



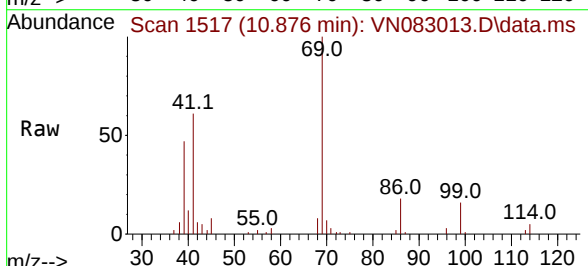
Tgt Ion: 97	Resp: 1893
Ion Ratio	Lower Upper
97	100
83	77.1 71.4 107.0
85	55.6 45.8 68.6
99	59.0 52.0 78.0

Manual Integrations
APPROVED

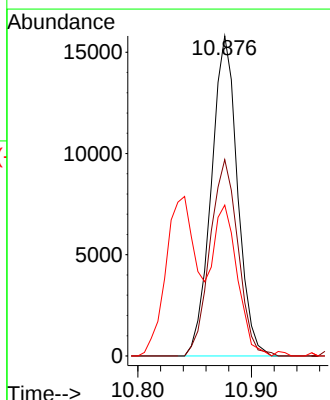
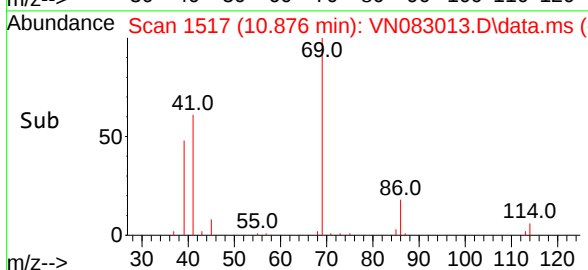
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

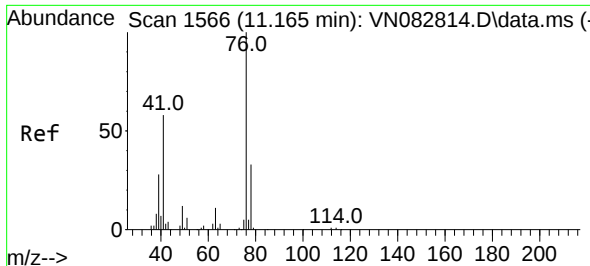


#56
Ethyl methacrylate
Concen: 19.053 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42



Tgt Ion: 69	Resp: 25319
Ion Ratio	Lower Upper
69	100
41	65.6 63.4 95.2
39	44.3 37.4 56.0





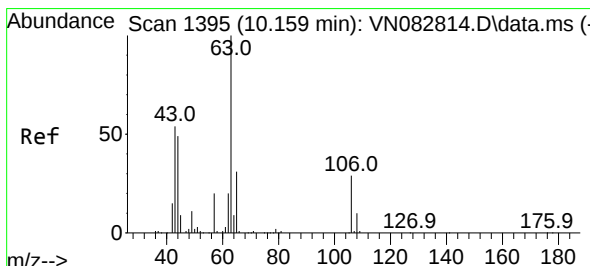
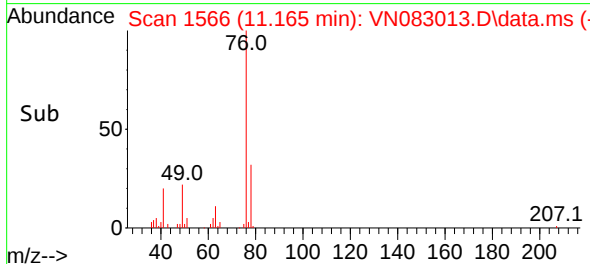
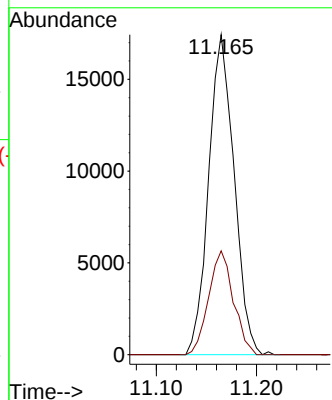
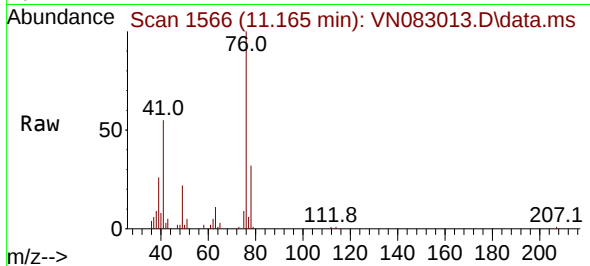
#57
1,3-Dichloropropane
Concen: 20.311 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion: 76 Resp: 30708
Ion Ratio Lower Upper
76 100
78 31.6 25.6 38.4

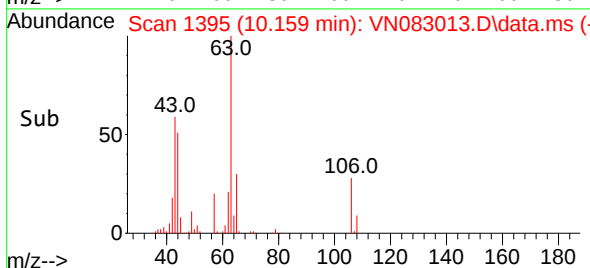
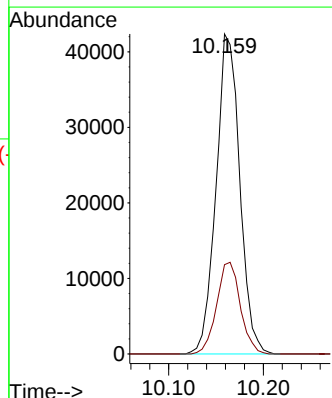
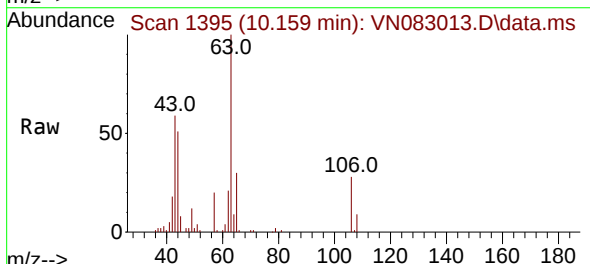
Manual Integrations
APPROVED

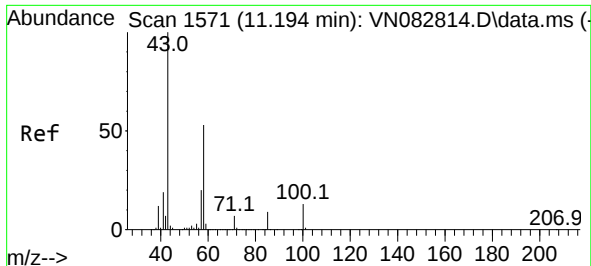
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#58
2-Chloroethyl Vinyl ether
Concen: 107.809 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Tgt Ion: 63 Resp: 73511
Ion Ratio Lower Upper
63 100
106 28.7 21.4 32.0





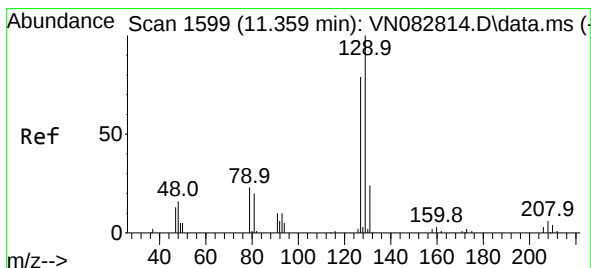
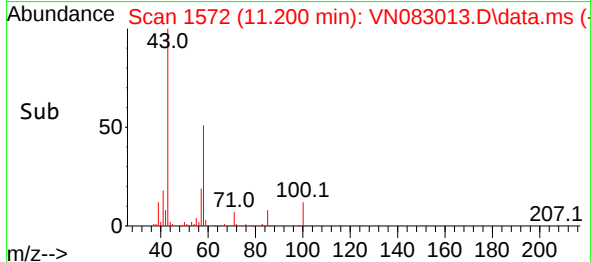
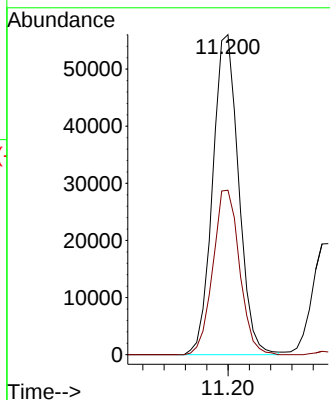
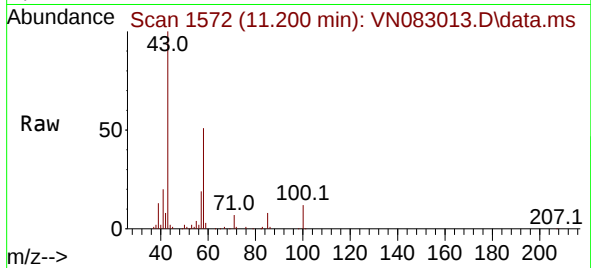
#59
2-Hexanone
Concen: 104.455 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion: 43 Resp: 94752
Ion Ratio Lower Upper
43 100
58 52.7 24.6 73.8

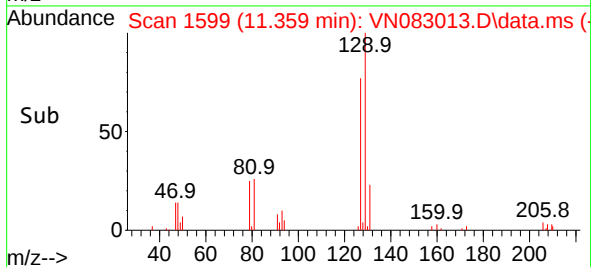
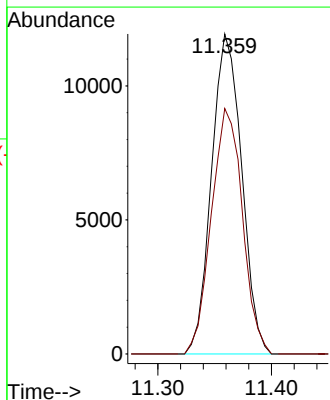
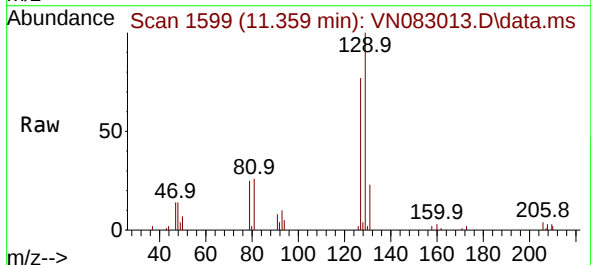
Manual Integrations
APPROVED

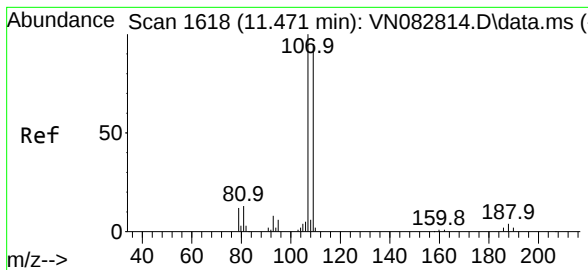
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#60
Dibromochloromethane
Concen: 20.239 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

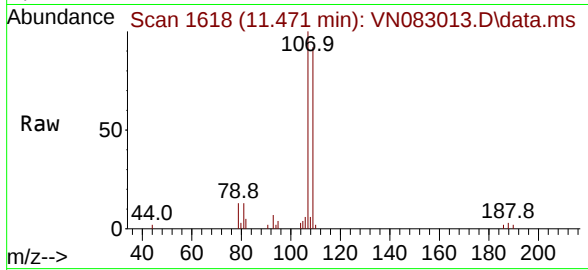
Tgt Ion:129 Resp: 22018
Ion Ratio Lower Upper
129 100
127 79.0 39.2 117.6





#61
1,2-Dibromoethane
Concen: 20.018 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

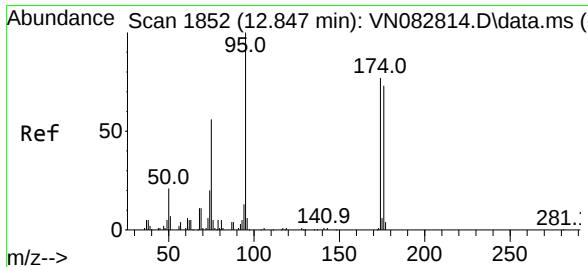
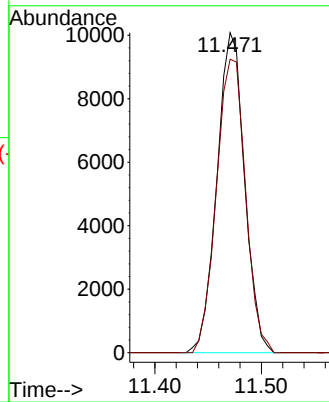
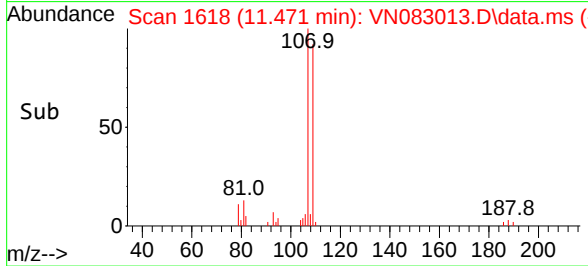
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



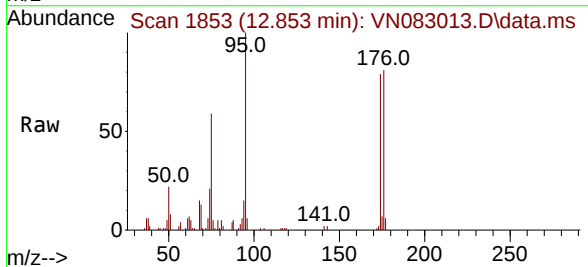
Tgt Ion:107 Resp: 1815
Ion Ratio Lower Upper
107 100
109 96.6 73.7 110.5

Manual Integrations
APPROVED

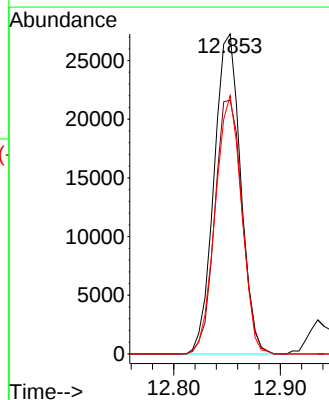
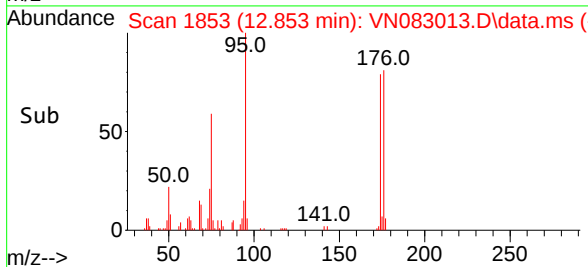
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

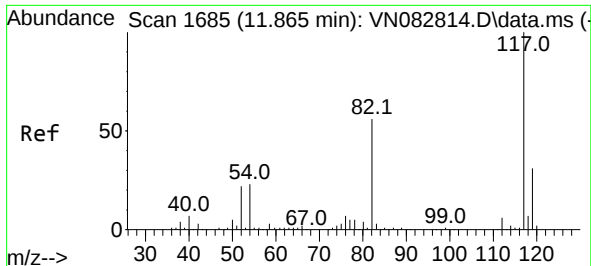


#62
4-Bromofluorobenzene
Concen: 40.600 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42



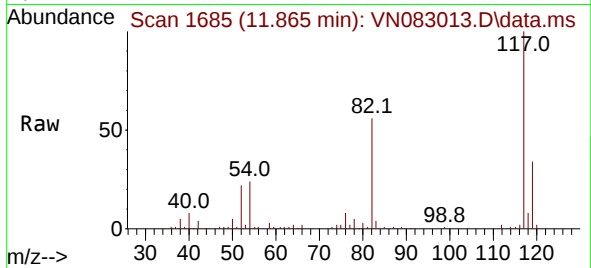
Tgt Ion: 95 Resp: 47227
Ion Ratio Lower Upper
95 100
174 81.8 0.0 159.2
176 79.7 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

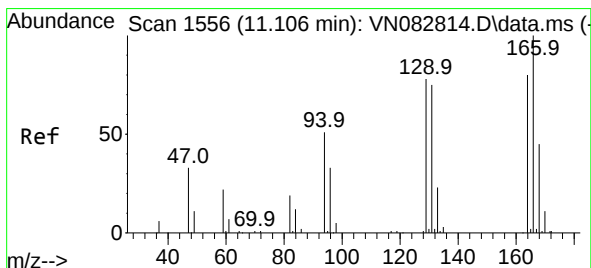
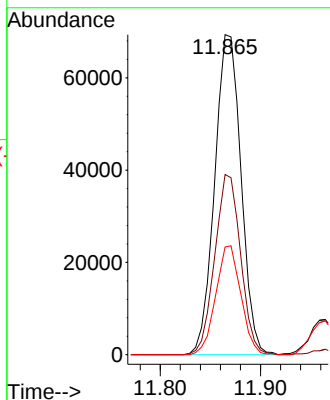
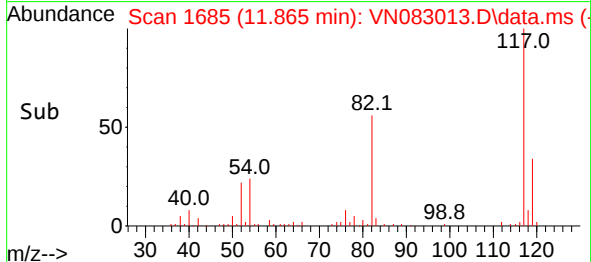
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



Tgt Ion:117 Resp: 126550
Ion Ratio Lower Upper
117 100
82 56.3 47.5 71.3
119 33.6 25.6 38.4

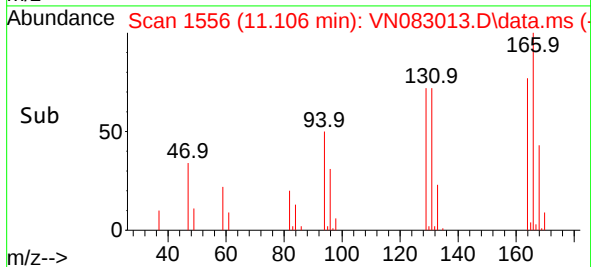
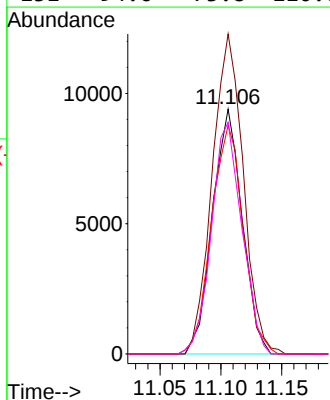
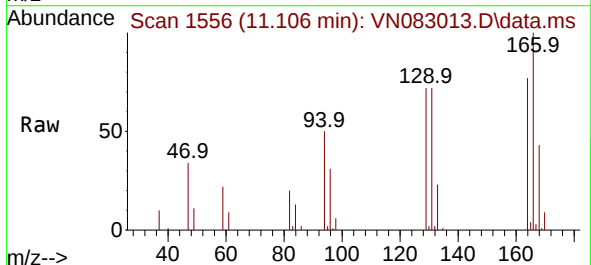
Manual Integrations
APPROVED

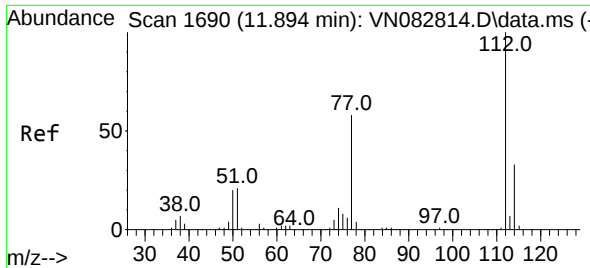
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#64
Tetrachloroethene
Concen: 16.963 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Tgt Ion:164 Resp: 16016
Ion Ratio Lower Upper
164 100
166 130.7 101.4 152.0
129 93.4 75.7 113.5
131 94.6 73.8 110.6





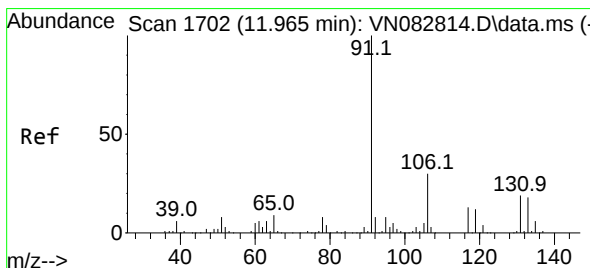
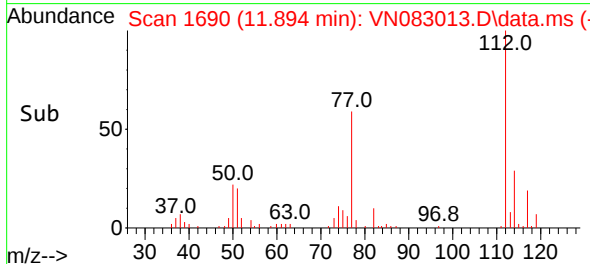
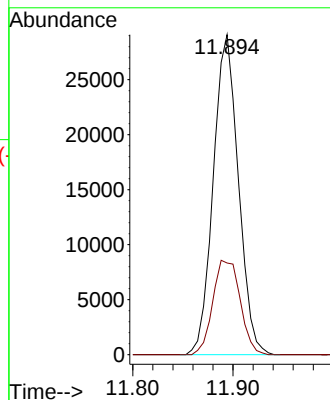
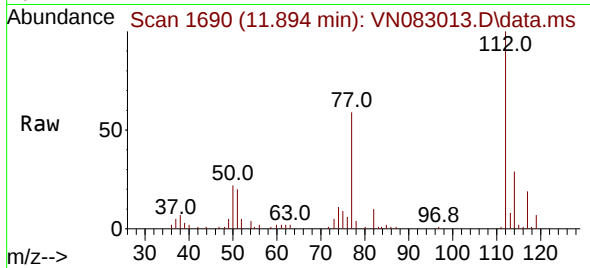
#65
Chlorobenzene
Concen: 18.632 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion:112 Resp: 50529
Ion Ratio Lower Upper
112 100
114 28.6 26.2 39.2

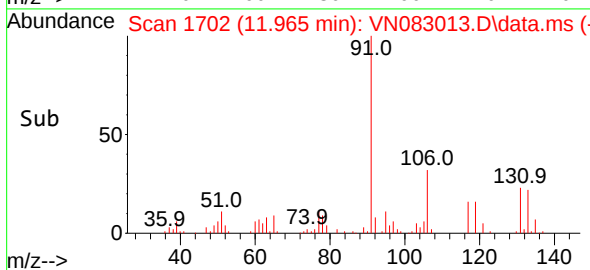
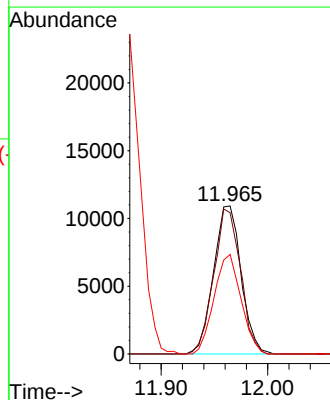
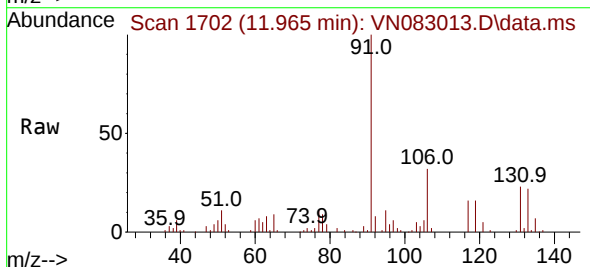
Manual Integrations
APPROVED

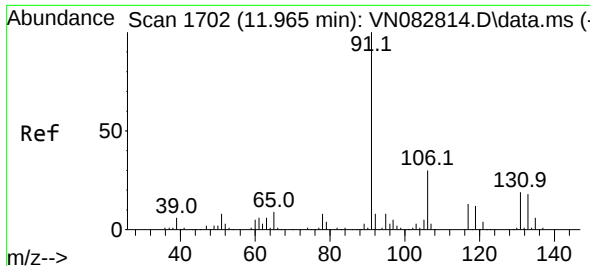
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.349 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Tgt Ion:131 Resp: 19629
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 65.8 32.5 97.4





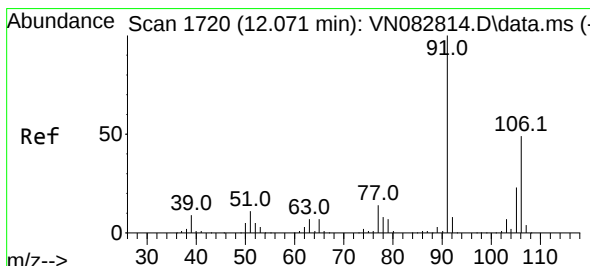
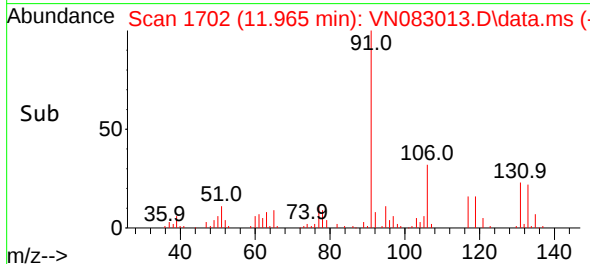
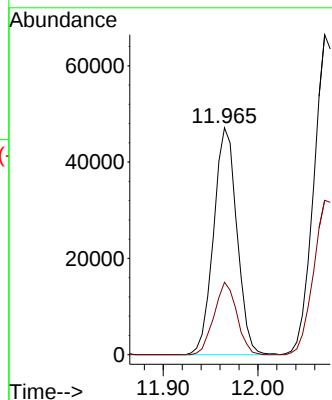
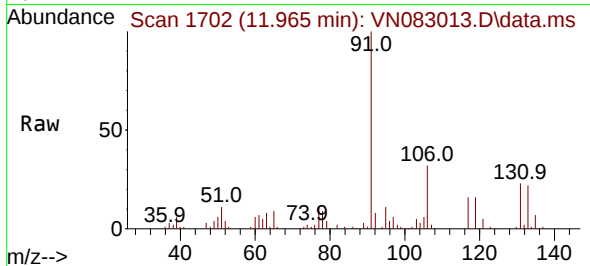
#67
Ethyl Benzene
Concen: 17.676 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion: 91 Resp: 80560
Ion Ratio Lower Upper
91 100
106 32.0 24.0 36.0

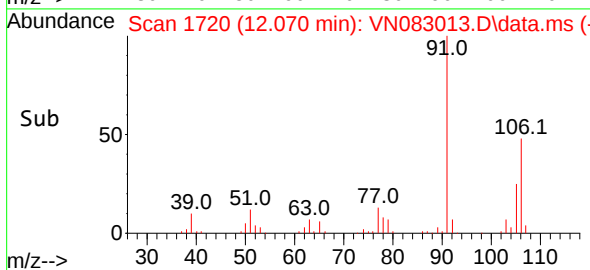
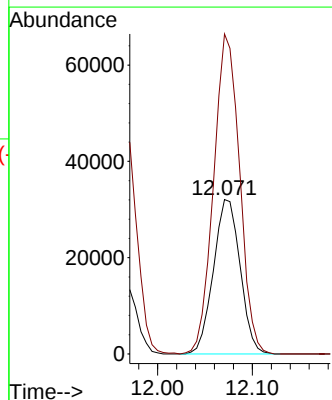
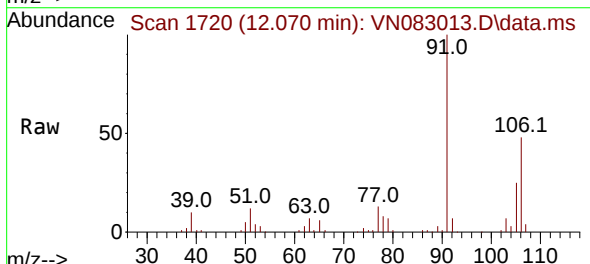
Manual Integrations
APPROVED

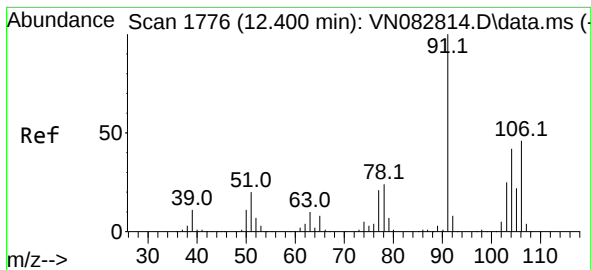
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#68
m/p-Xylenes
Concen: 36.529 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Tgt Ion:106 Resp: 62859
Ion Ratio Lower Upper
106 100
91 201.9 166.1 249.1





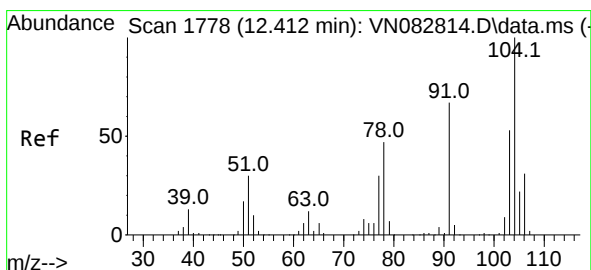
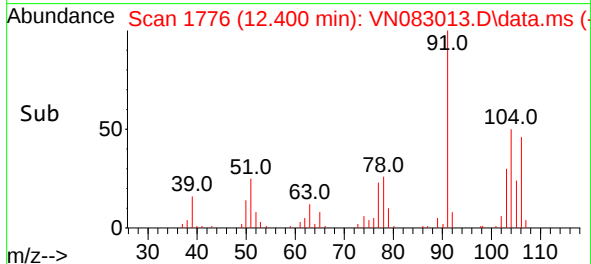
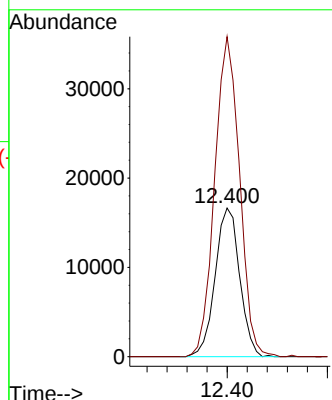
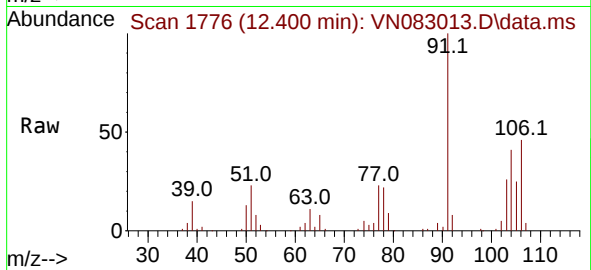
#69
o-Xylene
Concen: 17.125 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion:106 Resp: 28230
Ion Ratio Lower Upper
106 100
91 218.6 111.3 333.9

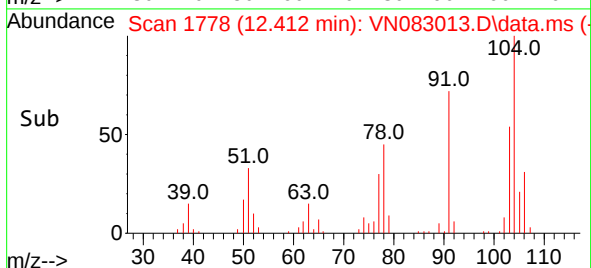
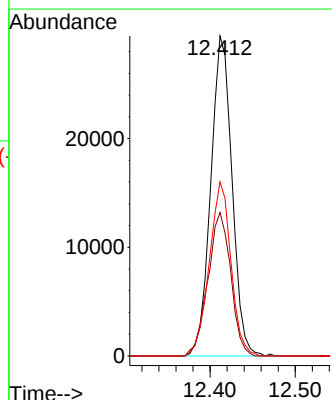
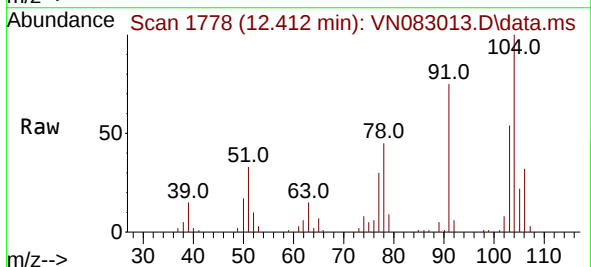
Manual Integrations
APPROVED

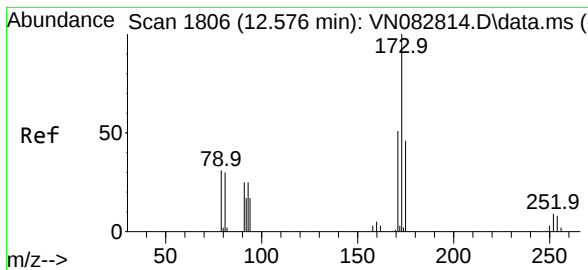
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#70
Styrene
Concen: 18.776 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

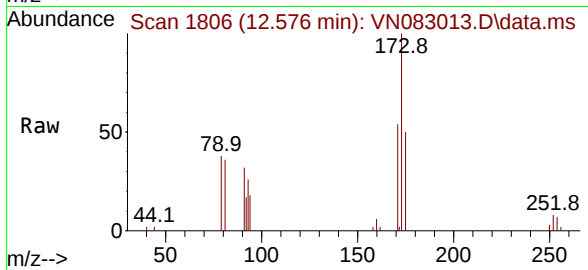
Tgt Ion:104 Resp: 51152
Ion Ratio Lower Upper
104 100
78 48.0 41.6 62.4
103 55.3 44.0 66.0





#71
Bromoform
Concen: 19.360 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

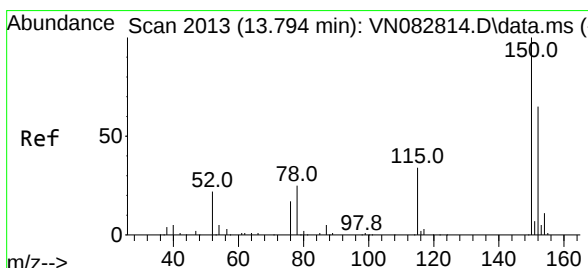
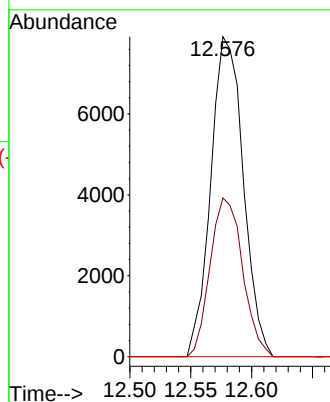
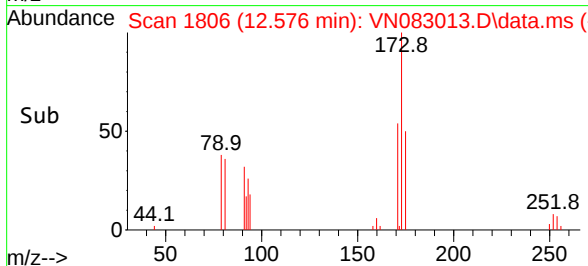
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



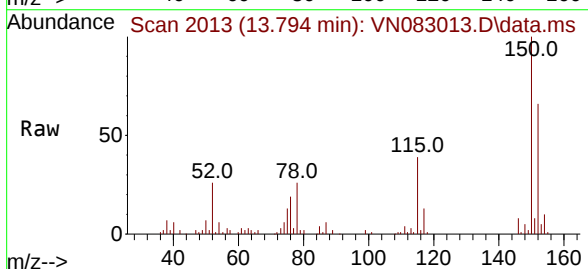
Tgt Ion:173 Resp: 1468
Ion Ratio Lower Upper
173 100
175 49.5 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

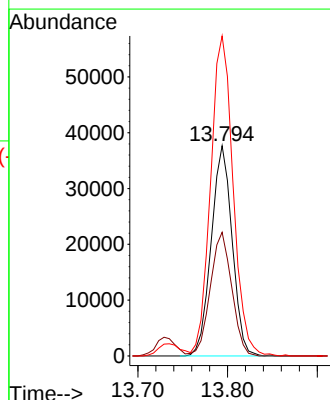
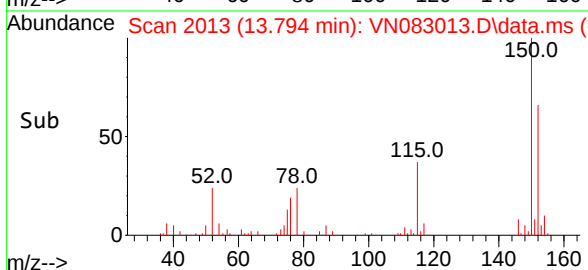
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

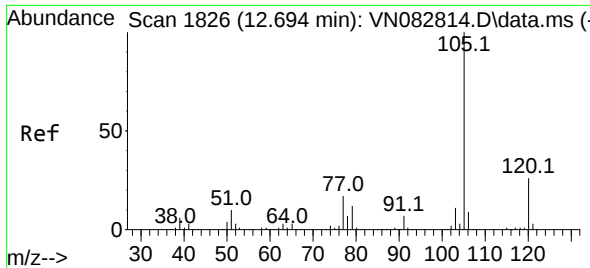


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42



Tgt Ion:152 Resp: 61031
Ion Ratio Lower Upper
152 100
115 60.3 30.6 91.6
150 163.4 0.0 348.6





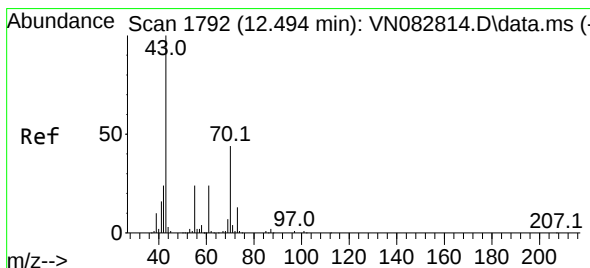
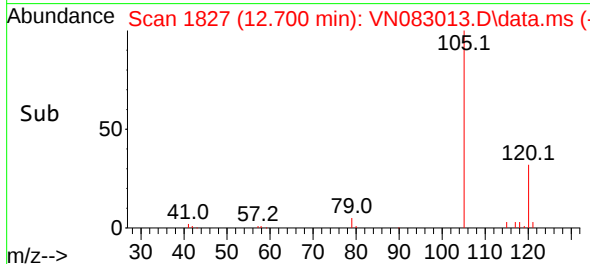
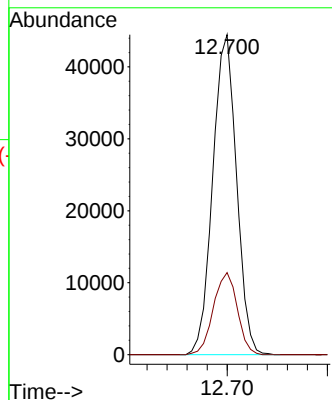
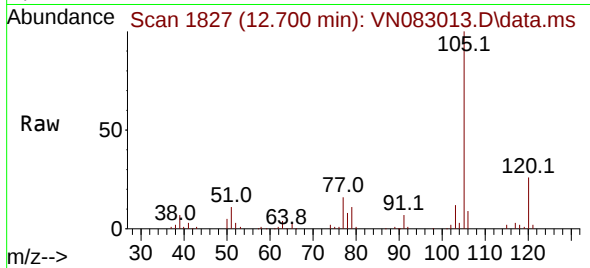
#73
Isopropylbenzene
Concen: 16.511 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion:105 Resp: 7322
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

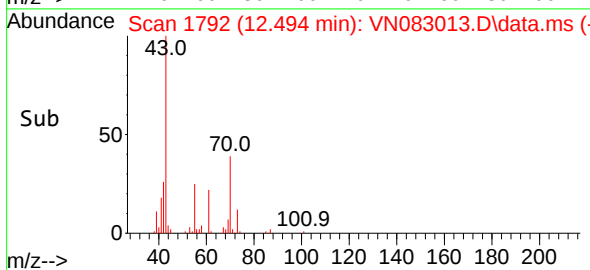
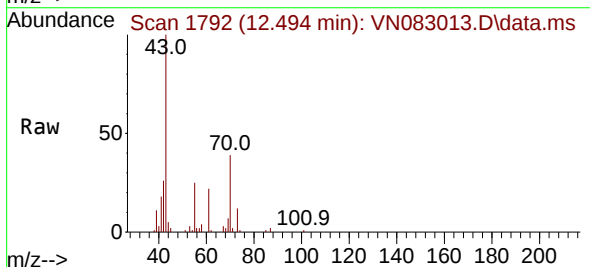
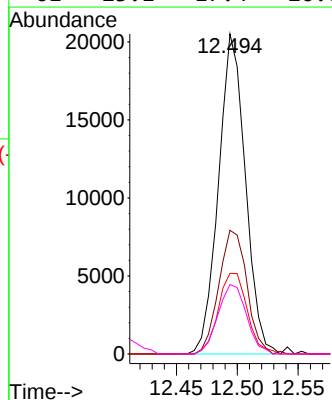
Manual Integrations
APPROVED

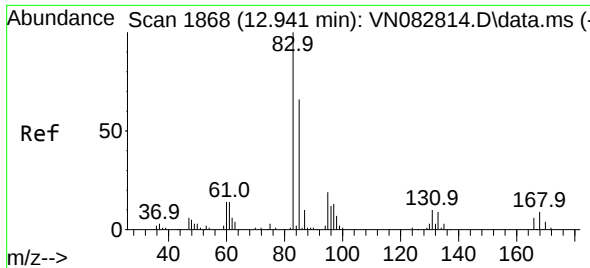
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#74
N-ethyl acetate
Concen: 17.159 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

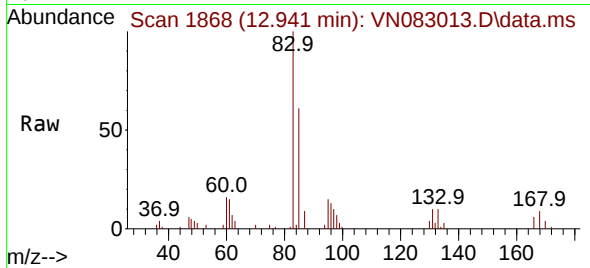
Tgt Ion: 43 Resp: 31476
Ion Ratio Lower Upper
43 100
70 40.5 29.8 44.6
55 27.1 18.7 28.1
61 23.1 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 20.070 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

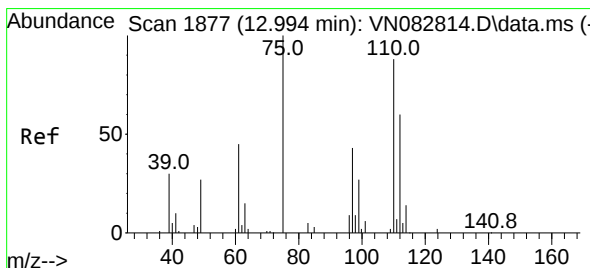
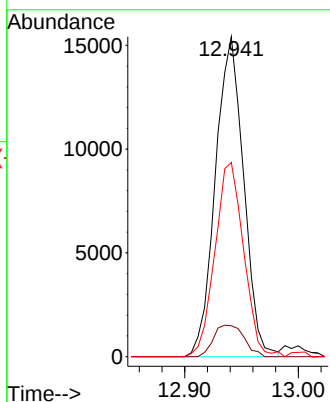
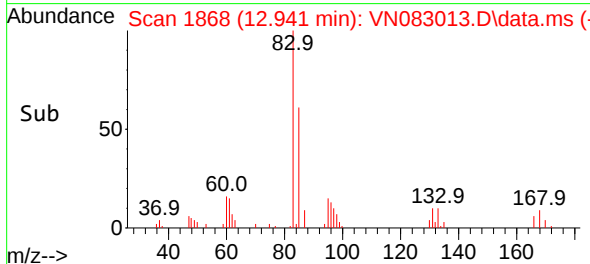
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



Tgt Ion: 83 Resp: 26650
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 61.5 31.9 95.7

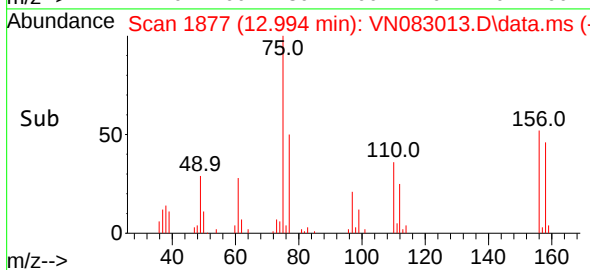
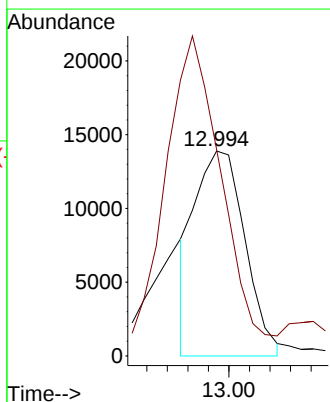
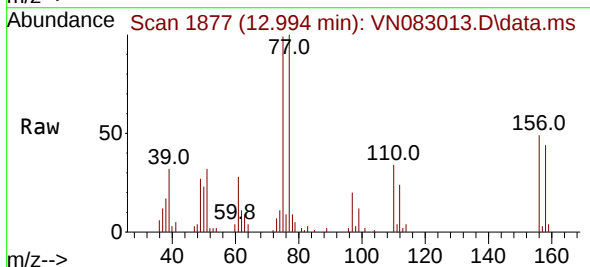
Manual Integrations
APPROVED

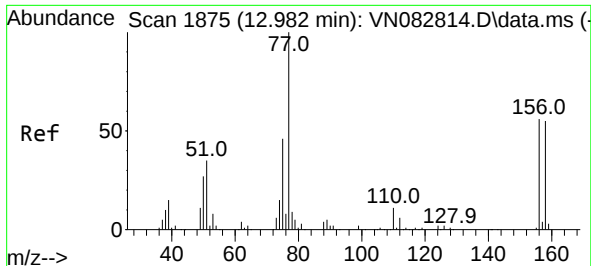
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#76
1,2,3-Trichloropropane
Concen: 22.494 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

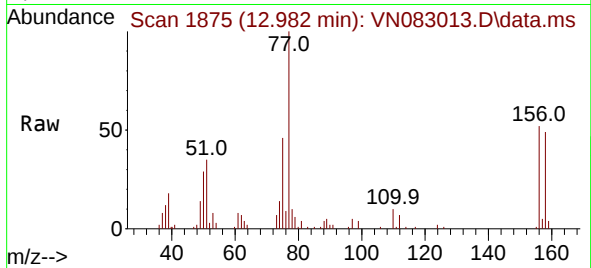
Tgt Ion: 75 Resp: 23668
Ion Ratio Lower Upper
75 100
77 178.2 110.9 332.6





#77
Bromobenzene
Concen: 17.250 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

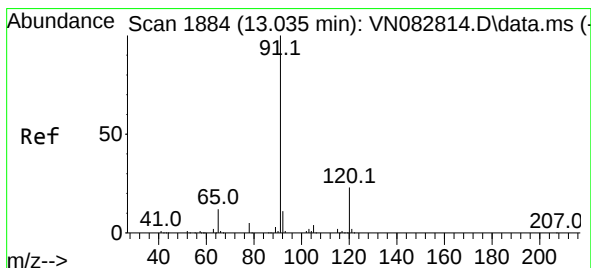
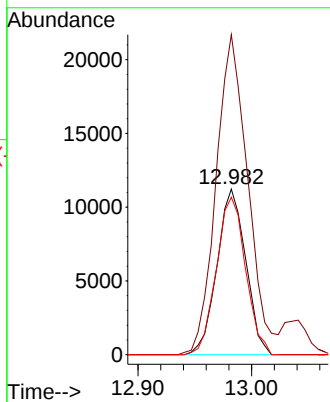
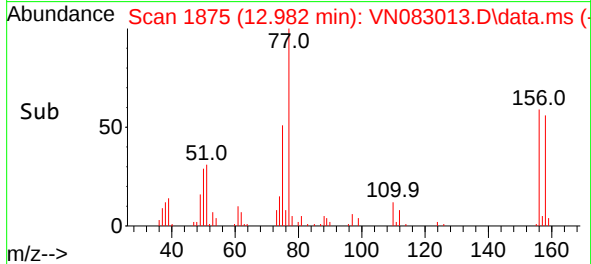
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



Tgt Ion:156 Resp: 19730
Ion Ratio Lower Upper
156 100
77 213.7 111.3 333.8
158 96.5 48.3 144.9

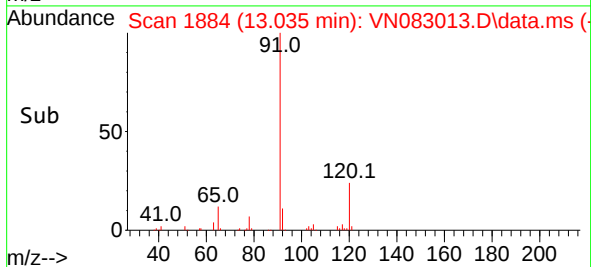
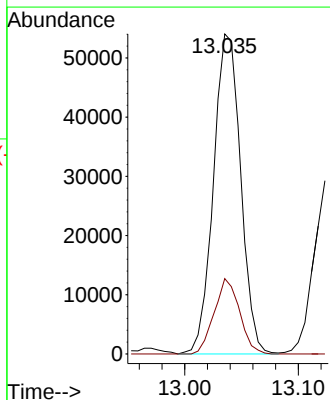
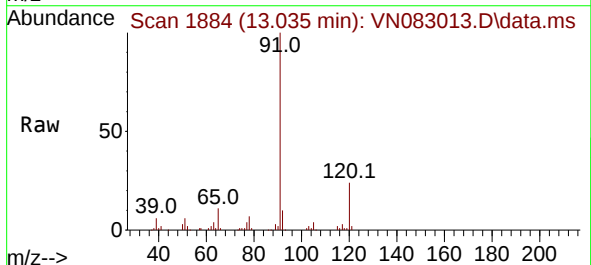
Manual Integrations
APPROVED

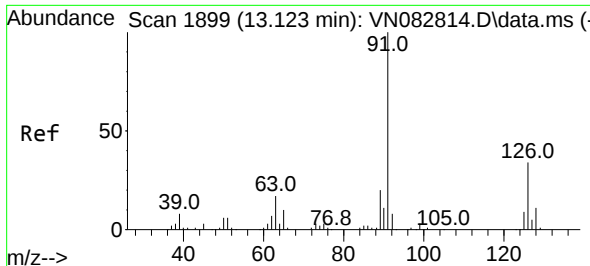
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#78
n-propylbenzene
Concen: 17.662 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Tgt Ion: 91 Resp: 90057
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.9





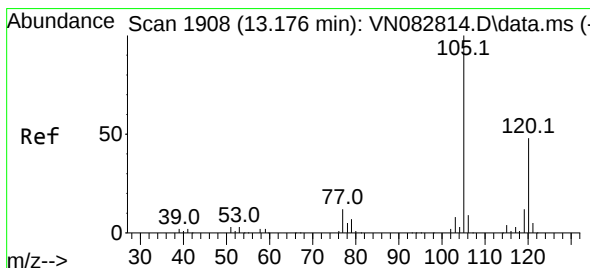
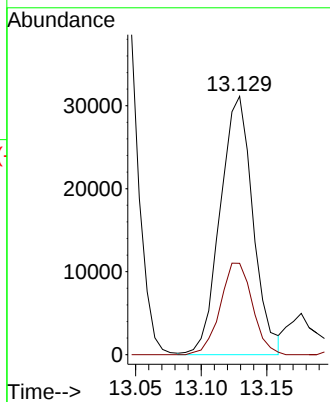
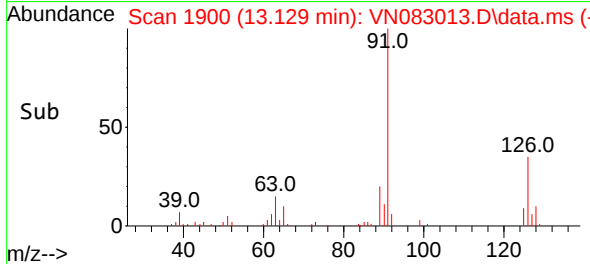
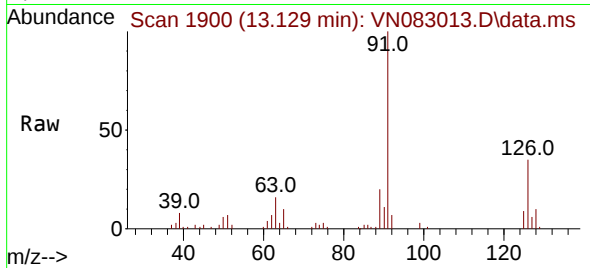
#79
2-Chlorotoluene
Concen: 16.700 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion: 91 Resp: 5425
Ion Ratio Lower Upper
91 100
126 34.6 16.2 48.6

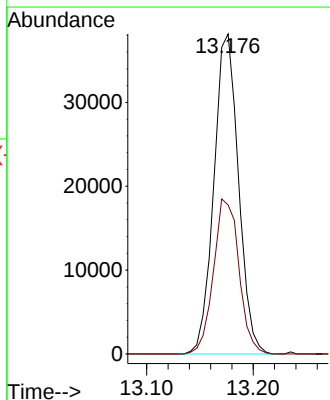
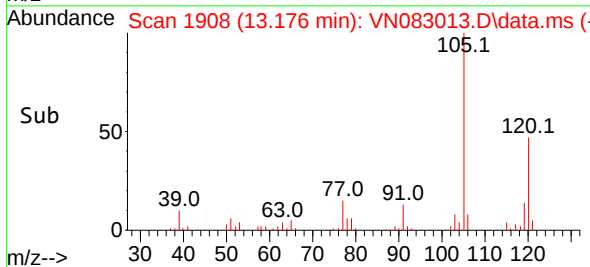
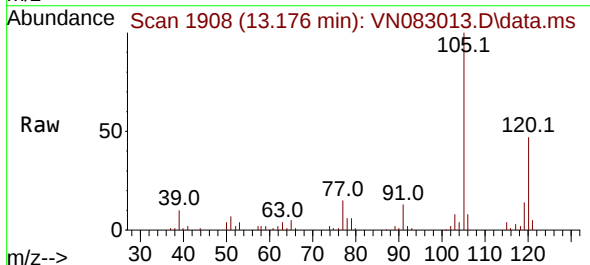
Manual Integrations
APPROVED

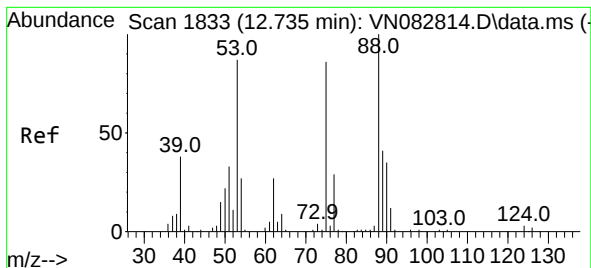
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 17.042 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

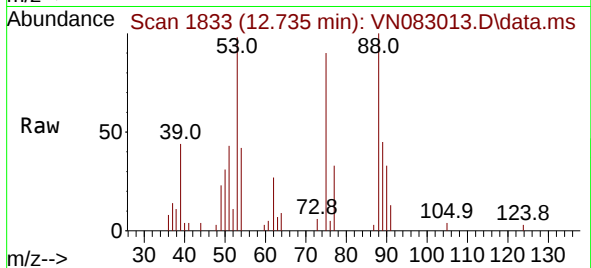
Tgt Ion:105 Resp: 61092
Ion Ratio Lower Upper
105 100
120 50.1 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.904 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

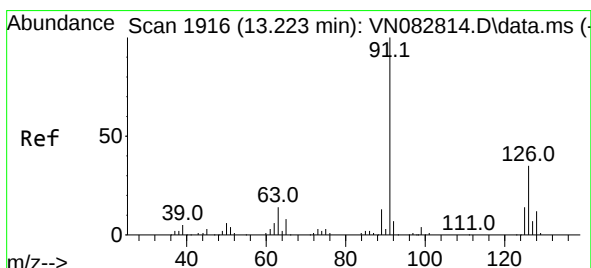
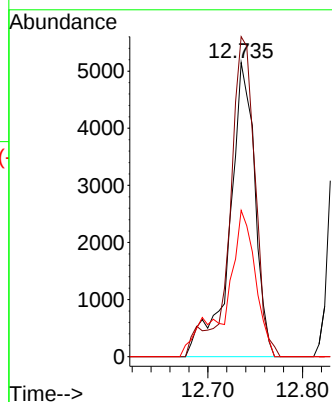
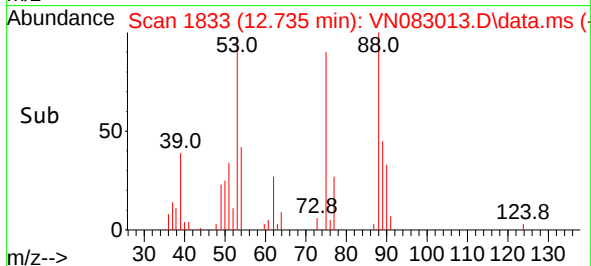
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



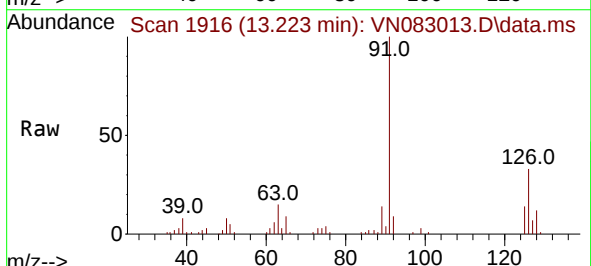
Tgt Ion: 75 Resp: 9579
Ion Ratio Lower Upper
75 100
53 108.9 88.4 132.6
89 45.3 36.3 54.5

Manual Integrations
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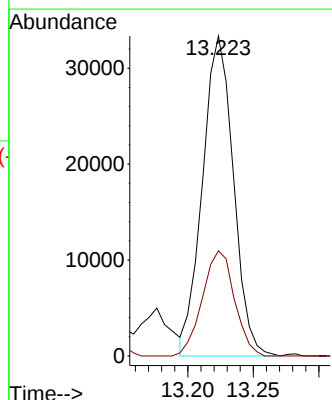
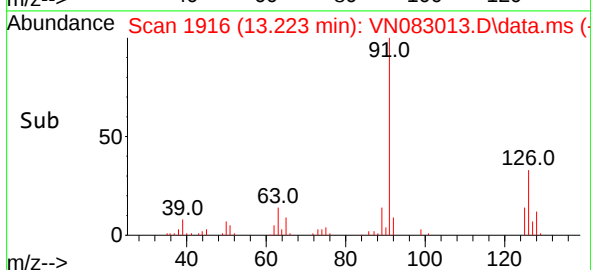
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

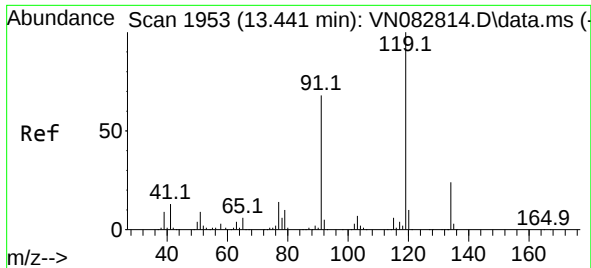


#82
4-Chlorotoluene
Concen: 17.041 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42



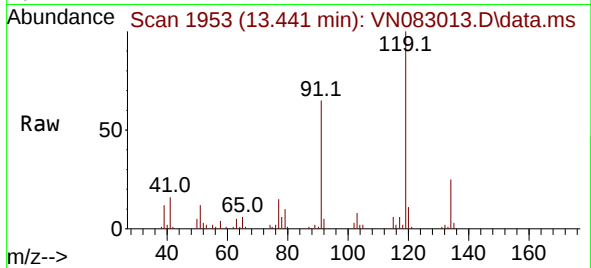
Tgt Ion: 91 Resp: 54800
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.6





#83
tert-Butylbenzene
Concen: 15.328 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

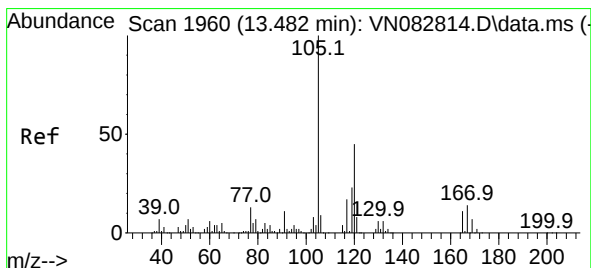
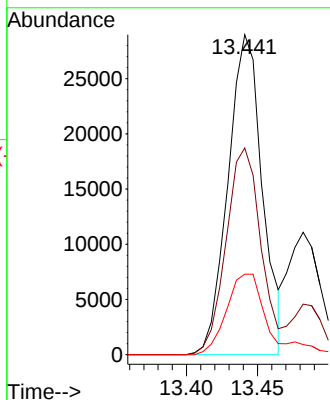
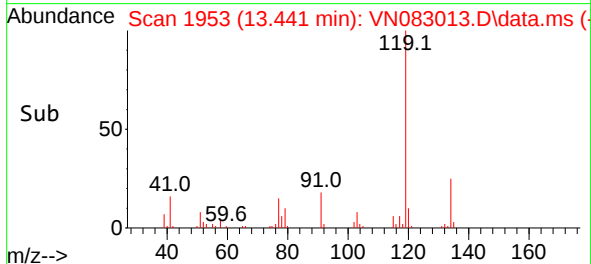
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



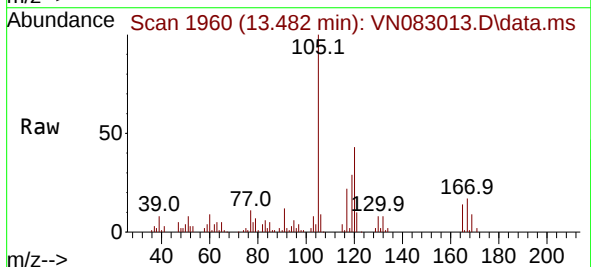
Tgt Ion:119 Resp: 48714
Ion Ratio Lower Upper
119 100
91 67.1 35.0 105.1
134 30.0 13.3 39.8

Manual Integrations
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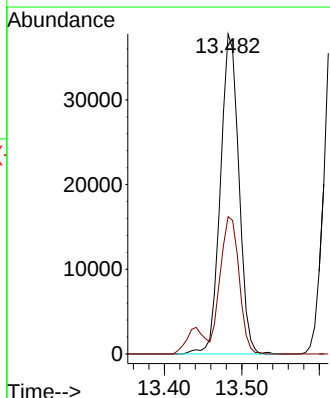
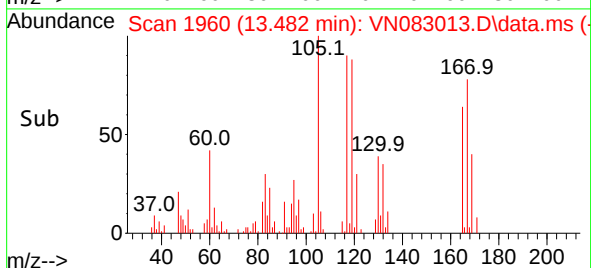
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

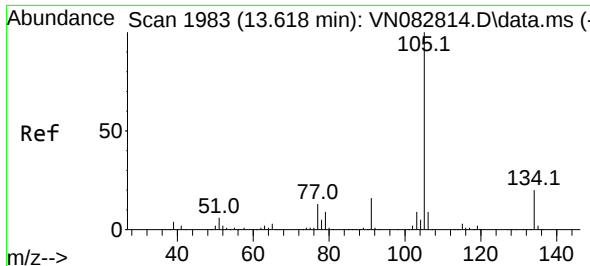


#84
1,2,4-Trimethylbenzene
Concen: 17.074 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42



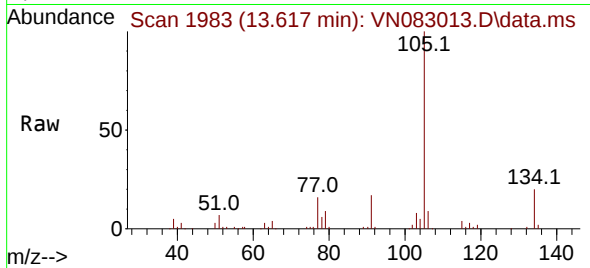
Tgt Ion:105 Resp: 62382
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 16.220 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083013.D
 Acq: 23 Jul 2024 15:42

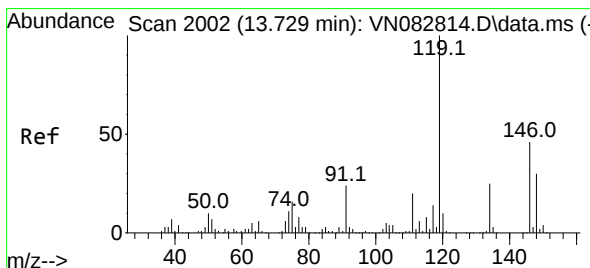
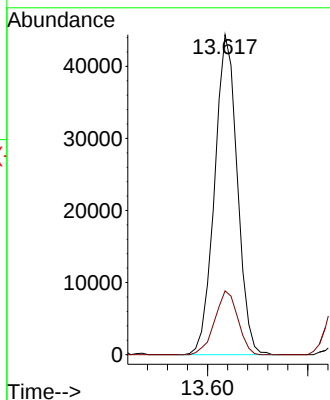
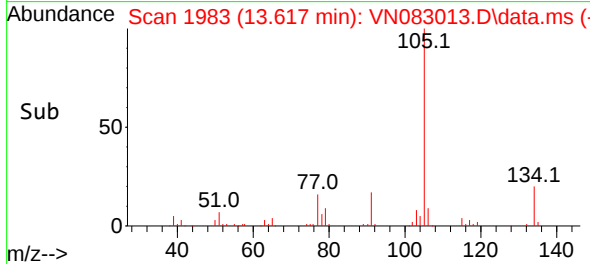
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01



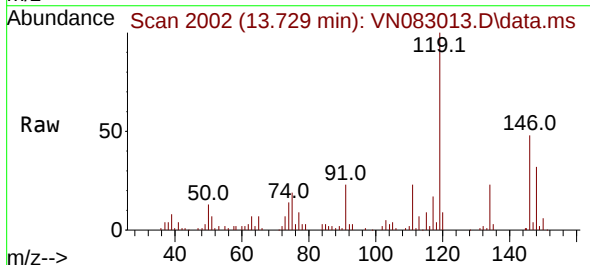
Tgt Ion:105 Resp: 69660
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

Manual Integrations
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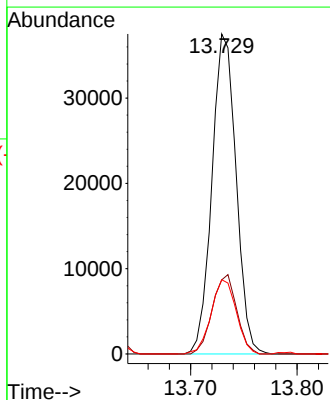
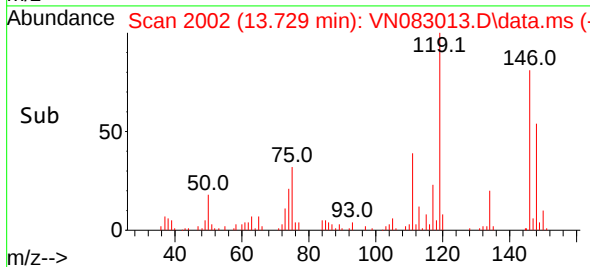
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

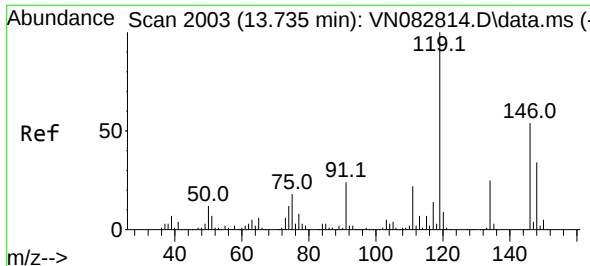


#86
 p-Isopropyltoluene
 Concen: 16.483 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083013.D
 Acq: 23 Jul 2024 15:42



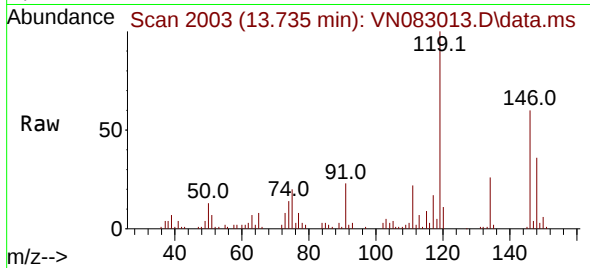
Tgt Ion:119 Resp: 59061
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.0 39.0
 91 24.2 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 17.504 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN083013.D
 Acq: 23 Jul 2024 15:42

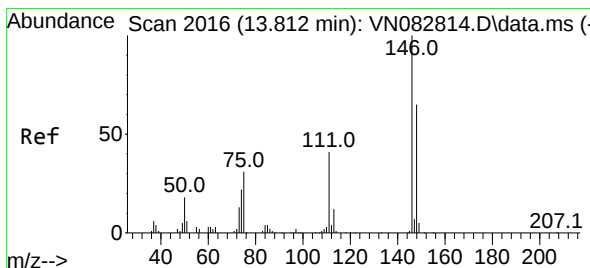
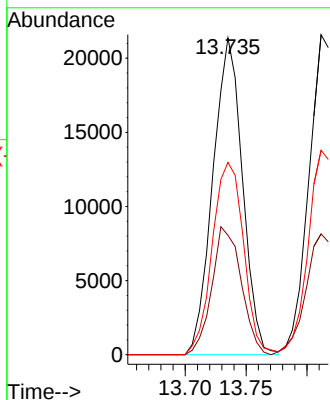
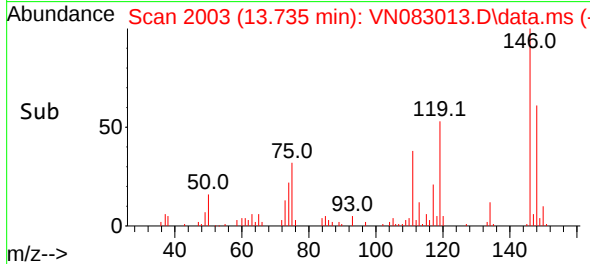
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01



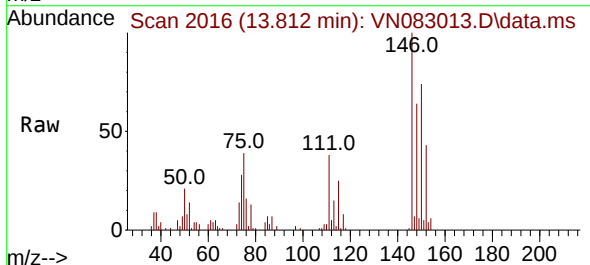
Tgt Ion:146 Resp: 3617
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.6 61.9
 148 64.2 31.8 95.3

Manual Integrations
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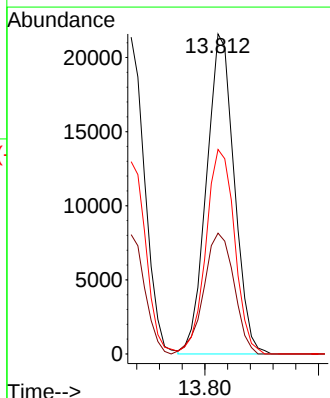
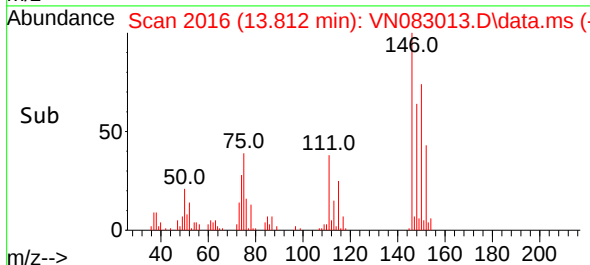
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

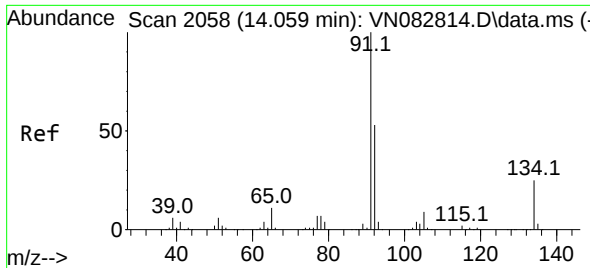


#88
 1,4-Dichlorobenzene
 Concen: 17.128 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.001 min
 Lab File: VN083013.D
 Acq: 23 Jul 2024 15:42



Tgt Ion:146 Resp: 36611
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.1 60.3
 148 65.9 32.2 96.6





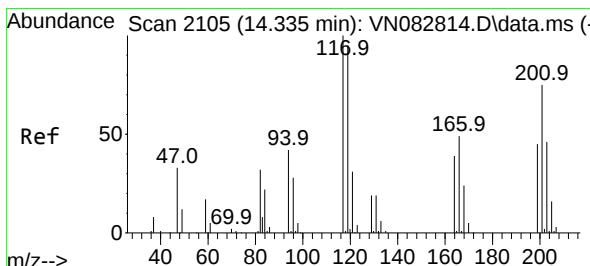
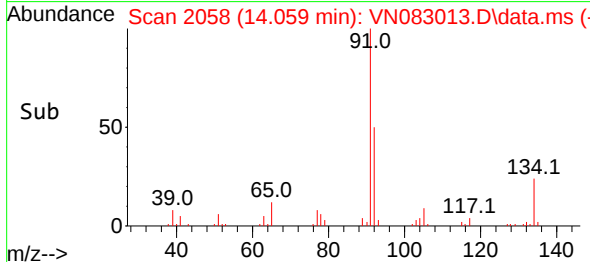
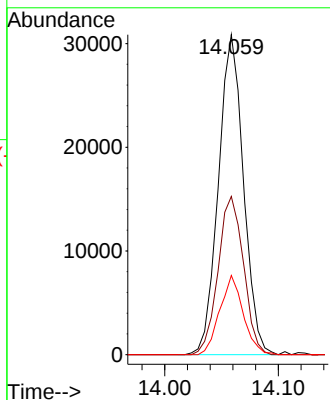
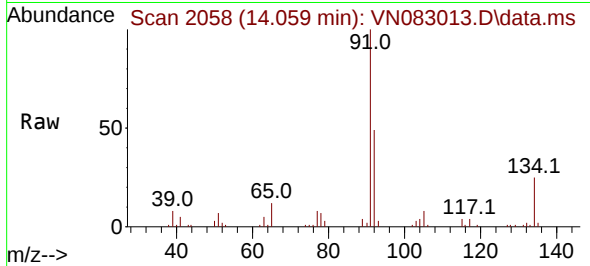
#89
n-Butylbenzene
Concen: 15.412 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion: 91 Resp: 47310
Ion Ratio Lower Upper
91 100
92 50.1 26.1 78.3
134 23.2 12.1 36.3

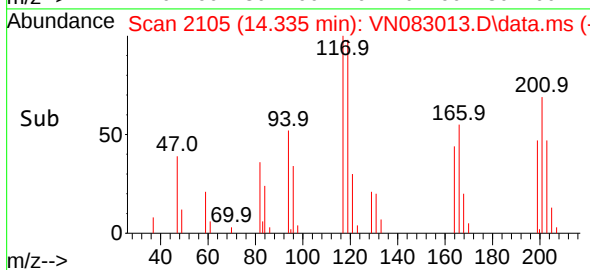
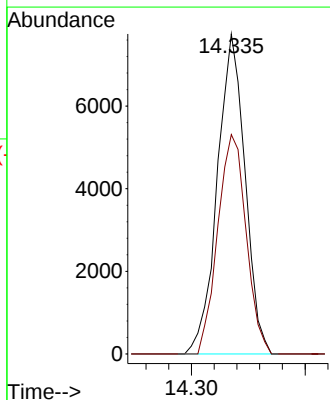
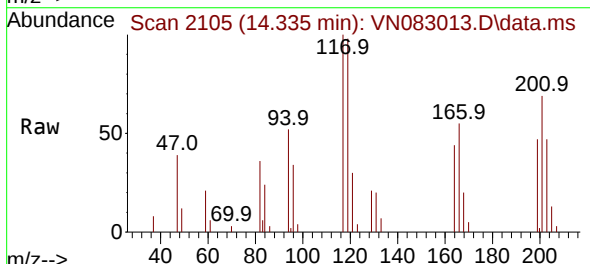
Manual Integrations
APPROVED

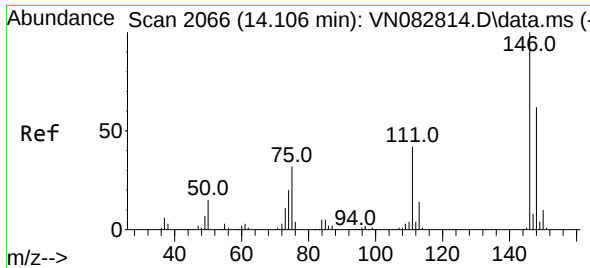
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#90
Hexachloroethane
Concen: 17.311 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

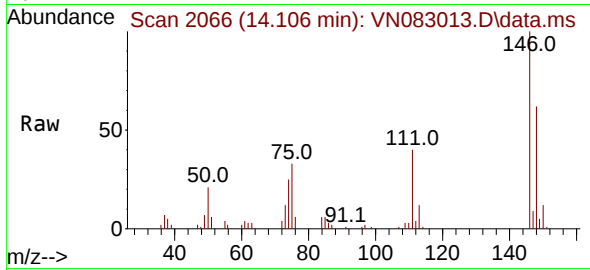
Tgt Ion:117 Resp: 13125
Ion Ratio Lower Upper
117 100
201 70.1 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 17.301 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

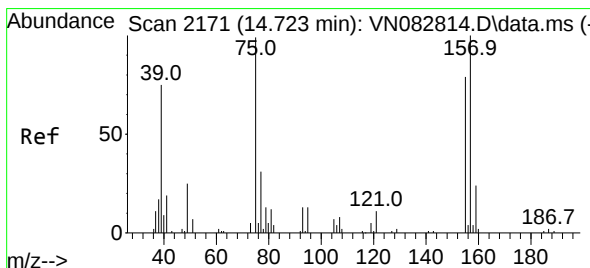
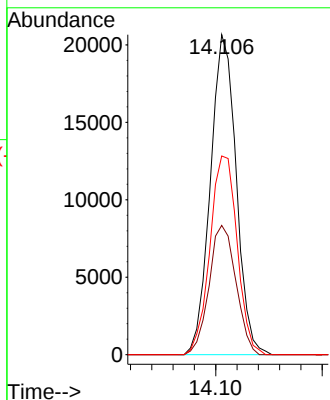
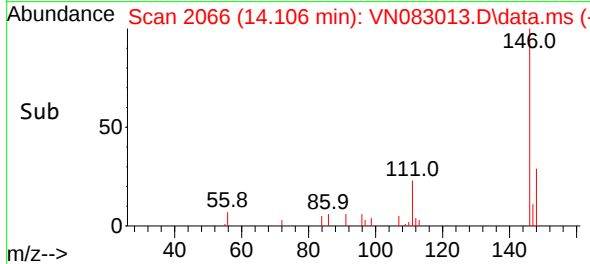
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



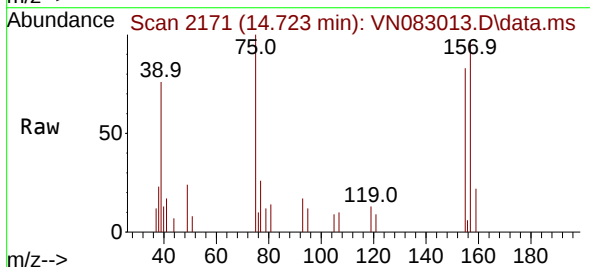
Tgt Ion:146 Resp: 34718
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.2
148 65.6 32.1 96.5

Manual Integrations
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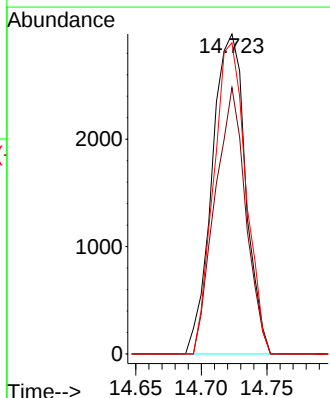
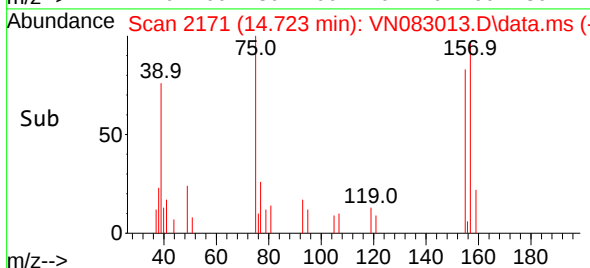
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

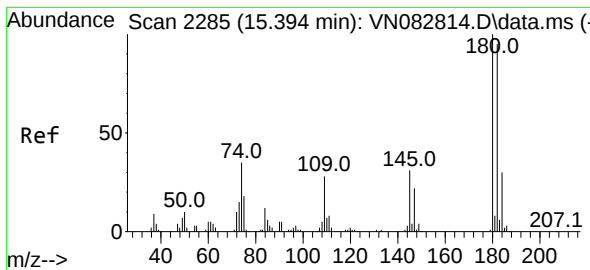


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.239 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42



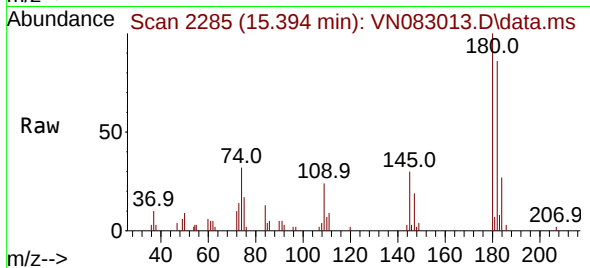
Tgt Ion: 75 Resp: 5297
Ion Ratio Lower Upper
75 100
155 76.3 36.6 109.8
157 93.4 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 15.419 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

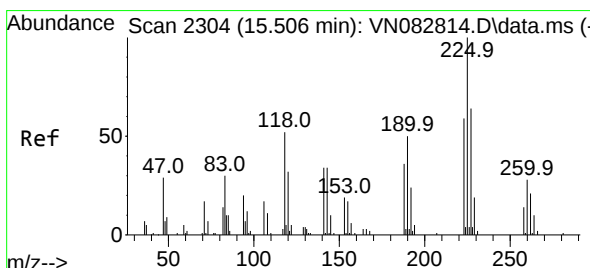
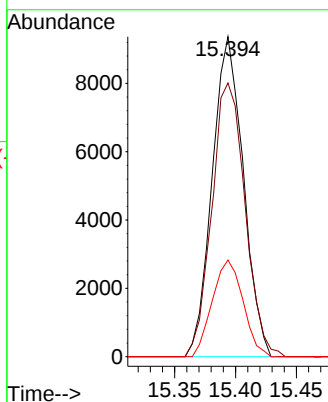
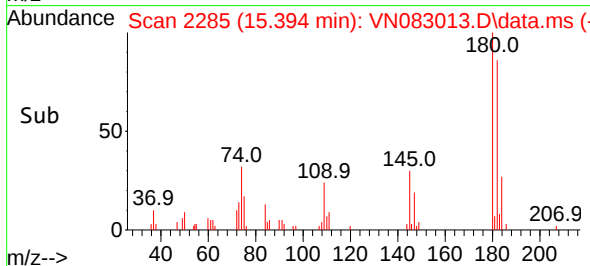
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



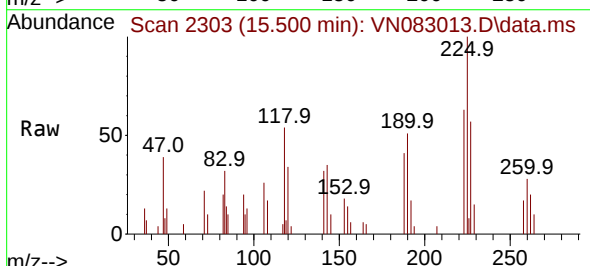
Tgt Ion:180 Resp: 1666
Ion Ratio Lower Upper
180 100
182 91.1 47.3 141.8
145 29.8 15.7 47.1

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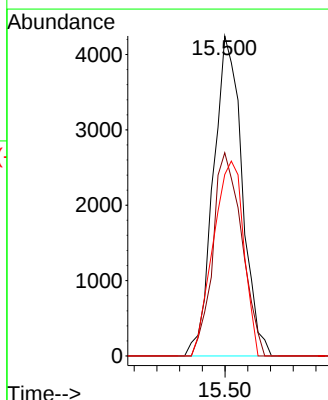
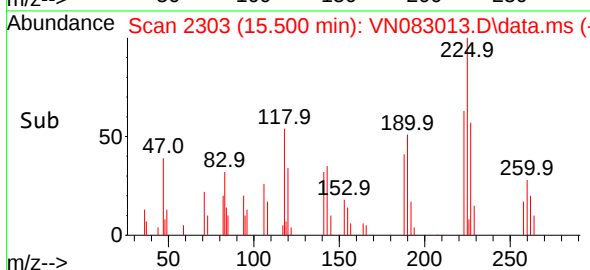
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

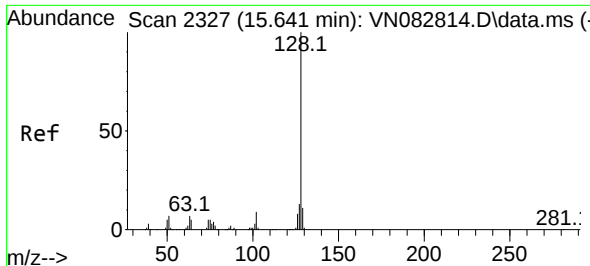


#94
Hexachlorobutadiene
Concen: 15.564 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42



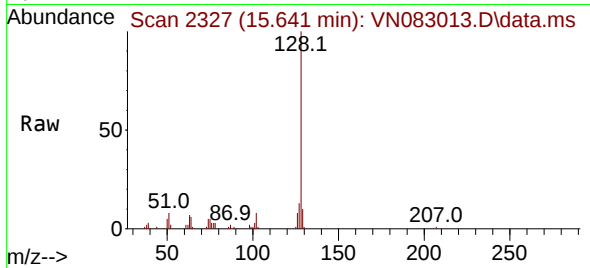
Tgt Ion:225 Resp: 7458
Ion Ratio Lower Upper
225 100
223 64.3 31.9 95.7
227 64.5 32.5 97.5





#95
Naphthalene
Concen: 13.842 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42

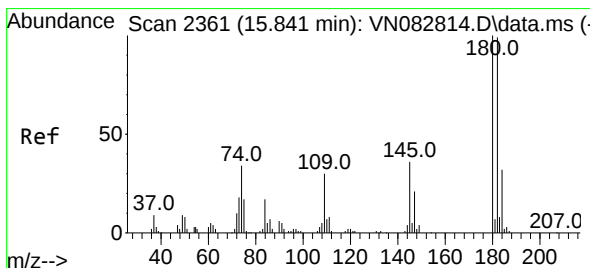
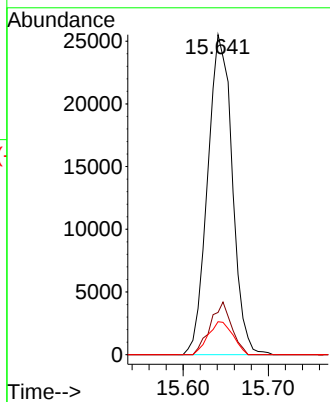
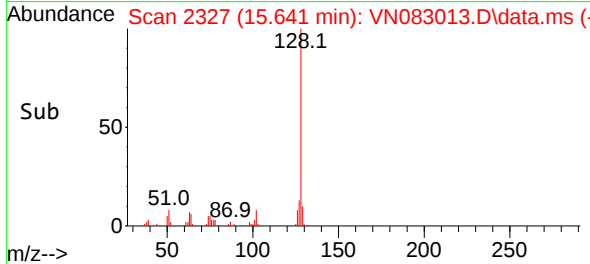
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01



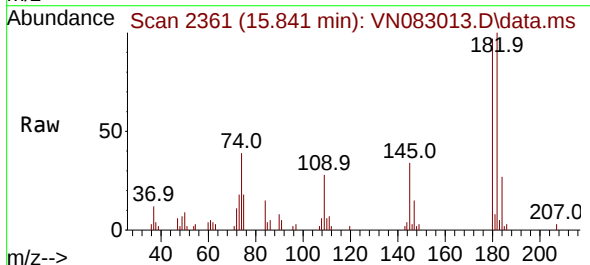
Tgt Ion:128 Resp: 51244
Ion Ratio Lower Upper
128 100
127 14.3 10.6 16.0
129 10.3 8.6 12.8

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Supervised By :Mahesh Dadoda 07/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 15.690 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083013.D
Acq: 23 Jul 2024 15:42



Tgt Ion:180 Resp: 17438
Ion Ratio Lower Upper
180 100
182 94.7 48.9 146.8
145 32.8 16.8 50.4

