

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082816.D
 Acq On : 08 Jul 2024 11:58
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024

Quant Time: Jul 08 13:22:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:14:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	149992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	257779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	225882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	19849	9.440	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.880%#		
35) Dibromofluoromethane	8.171	113	15402	9.311	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.620%#		
50) Toluene-d8	10.571	98	55629	9.105	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.220%#		
62) 4-Bromofluorobenzene	12.853	95	18985	8.651	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	17.300%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	22282	11.474	ug/l	98
3) Chloromethane	2.365	50	19263	10.460	ug/l	99
4) Vinyl Chloride	2.512	62	20979	10.847	ug/l	96
5) Bromomethane	2.965	94	15164	10.874	ug/l	96
6) Chloroethane	3.124	64	14633	11.056	ug/l	98
7) Trichlorofluoromethane	3.495	101	30154	10.840	ug/l	97
8) Diethyl Ether	3.965	74	10241	10.757	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.365	101	17498	11.114	ug/l	97
10) Methyl Iodide	4.589	142	15272	9.461	ug/l #	96
11) Tert butyl alcohol	5.536	59	18586	52.556	ug/l	97
12) 1,1-Dichloroethene	4.342	96	16042	10.477	ug/l	86
13) Acrolein	4.183	56	13416	52.546	ug/l	97
14) Allyl chloride	5.024	41	23698	9.926	ug/l #	92
15) Acrylonitrile	5.724	53	40707	50.087	ug/l	99
16) Acetone	4.430	43	38146	51.530	ug/l	92
17) Carbon Disulfide	4.718	76	46416	10.145	ug/l	100
18) Methyl Acetate	5.030	43	20226	10.326	ug/l #	89
19) Methyl tert-butyl Ether	5.800	73	52657	9.970	ug/l	96
20) Methylene Chloride	5.283	84	17778	9.944	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	16568	9.986	ug/l	90
22) Diisopropyl ether	6.671	45	51732	10.357	ug/l	96
23) Vinyl Acetate	6.606	43	204361	51.523	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	31369	10.354	ug/l	95
25) 2-Butanone	7.488	43	55535	49.684	ug/l	93
26) 2,2-Dichloropropane	7.488	77	28882	10.253	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	19580	10.081	ug/l	89
28) Bromochloromethane	7.812	49	12249	9.424	ug/l #	82
29) Tetrahydrofuran	7.847	42	36613	52.030	ug/l #	86
30) Chloroform	7.971	83	33027	10.276	ug/l	97
31) Cyclohexane	8.259	56	28573	10.394	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	31226	10.464	ug/l	92
36) 1,1-Dichloropropene	8.377	75	22791	9.994	ug/l	97
37) Ethyl Acetate	7.565	43	24578	10.586	ug/l	96
38) Carbon Tetrachloride	8.365	117	27654	10.071	ug/l	98
39) Methylcyclohexane	9.600	83	24493	9.943	ug/l	90
40) Benzene	8.612	78	70633	10.069	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	11620	9.290	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	25582	10.130	ug/l	97
43) Isopropyl Acetate	8.688	43	50619	9.276	ug/l	97
44) Trichloroethene	9.359	130	17626	9.807	ug/l	95
45) 1,2-Dichloropropane	9.624	63	16605	10.139	ug/l	99
46) Dibromomethane	9.712	93	12801	10.033	ug/l	95
47) Bromodichloromethane	9.894	83	26671	10.117	ug/l	98
48) Methyl methacrylate	9.682	41	18436	10.126	ug/l	92
49) 1,4-Dioxane	9.700	88	8300	205.979	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	117319	50.968	ug/l	94
52) Toluene	10.635	92	42655	9.734	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	27016	9.947	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	28660	9.970	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	16379	10.164	ug/l	94
56) Ethyl methacrylate	10.876	69	24916	9.939	ug/l	90
57) 1,3-Dichloropropane	11.165	76	28537	10.005	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	66744	51.884	ug/l	92
59) 2-Hexanone	11.194	43	87280	51.000	ug/l	94
60) Dibromochloromethane	11.359	129	20206	9.845	ug/l	98
61) 1,2-Dibromoethane	11.471	107	17130	10.010	ug/l	97
64) Tetrachloroethene	11.106	164	17106	10.150	ug/l	93
65) Chlorobenzene	11.894	112	48911	10.105	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	17240	10.013	ug/l	97
67) Ethyl Benzene	11.965	91	79293	9.747	ug/l	97
68) m/p-Xylenes	12.070	106	60484	19.693	ug/l	99
69) o-Xylene	12.400	106	30111	10.232	ug/l	91
70) Styrene	12.412	104	47190	9.705	ug/l	99
71) Bromoform	12.582	173	13759	10.162	ug/l #	99
73) Isopropylbenzene	12.700	105	74520	10.087	ug/l	98
74) N-amyl acetate	12.494	43	31013	10.149	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	22181	10.025	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	18724m	9.311	ug/l	
77) Bromobenzene	12.982	156	18859	9.895	ug/l	96
78) n-propylbenzene	13.035	91	84252	9.919	ug/l	100
79) 2-Chlorotoluene	13.123	91	52729	9.743	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	59907	10.032	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	8389	9.413	ug/l	95
82) 4-Chlorotoluene	13.223	91	54707	10.213	ug/l	99
83) tert-Butylbenzene	13.441	119	51630	9.753	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	61527	10.109	ug/l	98
85) sec-Butylbenzene	13.617	105	70777	9.893	ug/l	100
86) p-Isopropyltoluene	13.729	119	58424	9.788	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	33732	9.798	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	34718	10.049	ug/l	97
89) n-Butylbenzene	14.059	91	47529	9.295	ug/l	99
90) Hexachloroethane	14.335	117	12805	10.139	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	33440	10.004	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5476	10.698	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	16862	9.365	ug/l	97
94) Hexachlorobutadiene	15.506	225	7730	9.684	ug/l	97
95) Naphthalene	15.641	128	59638	9.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	17569	9.490	ug/l	99

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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

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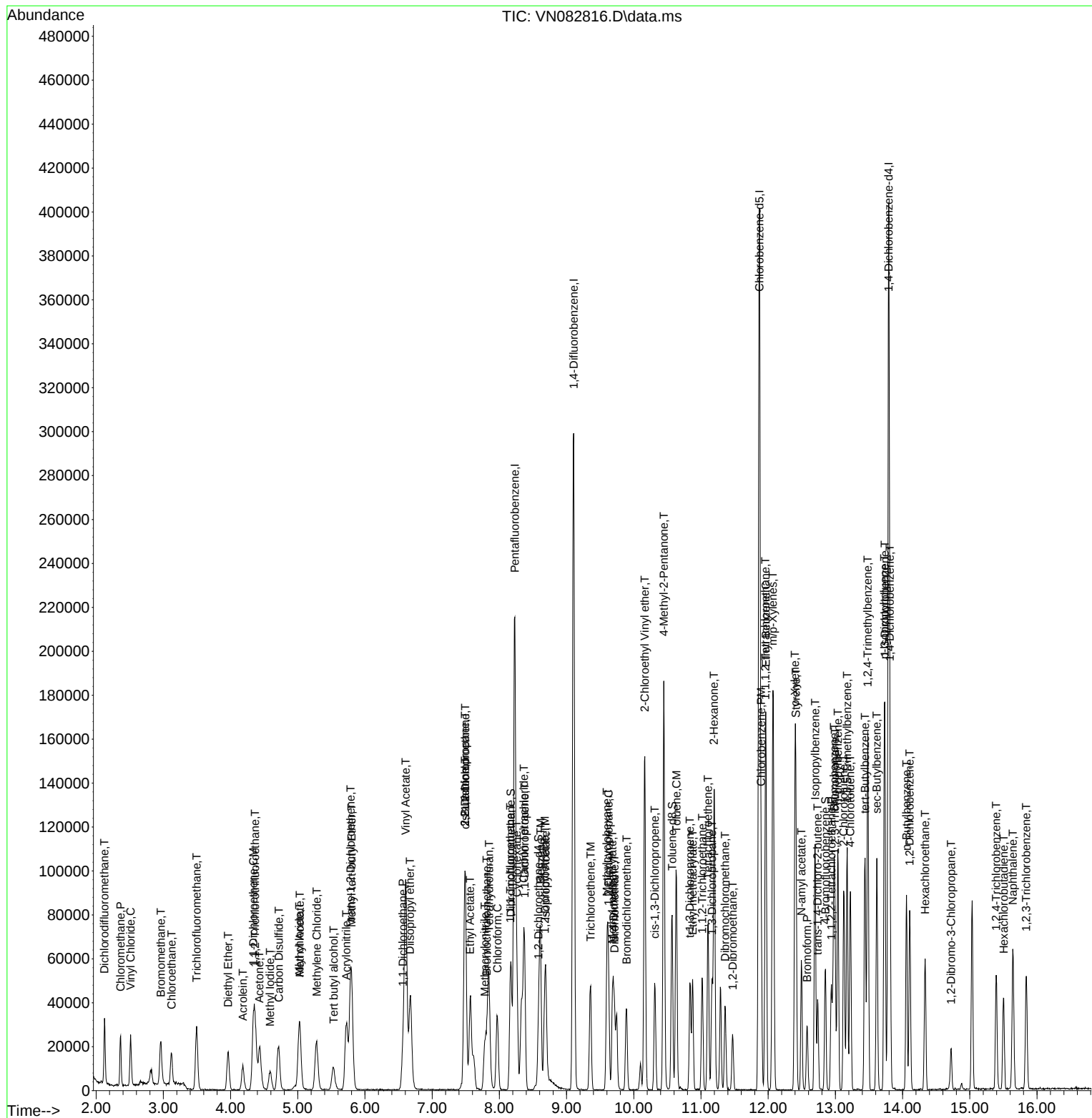
Manual Integrations

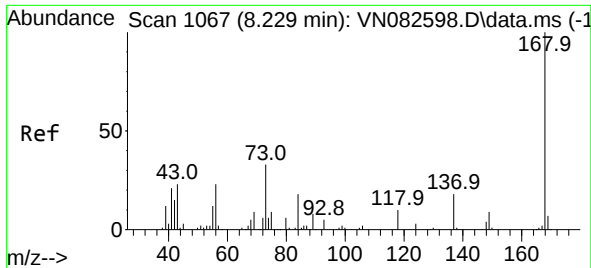
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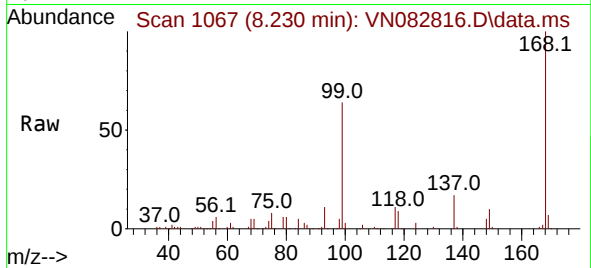
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082816.D
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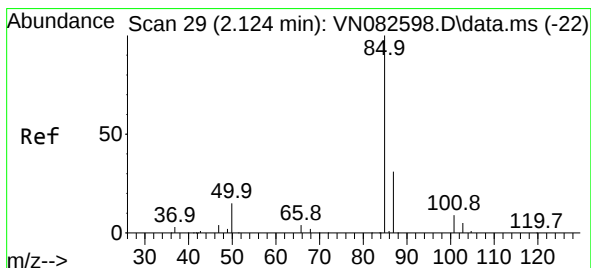
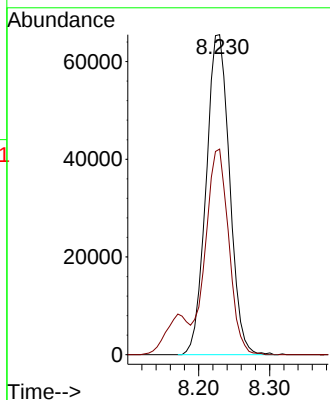
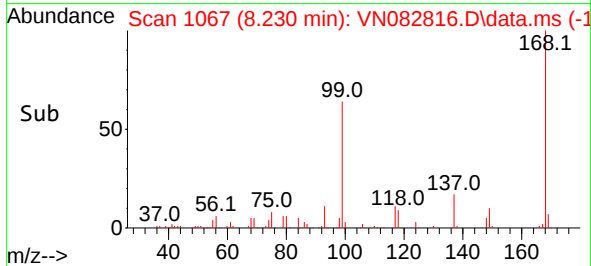
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VSTDIC010



Tgt Ion:168 Resp: 149992
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4

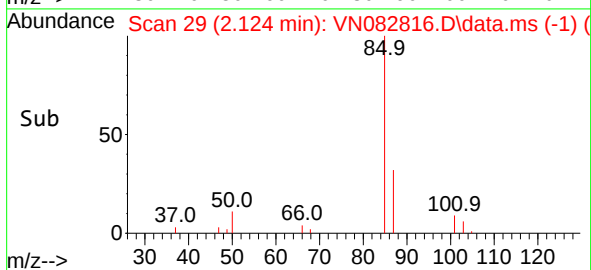
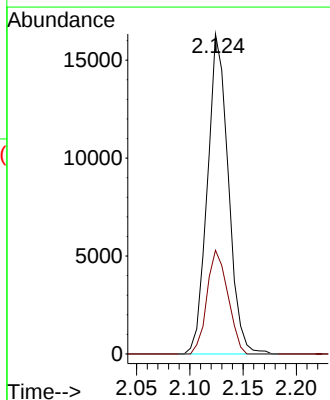
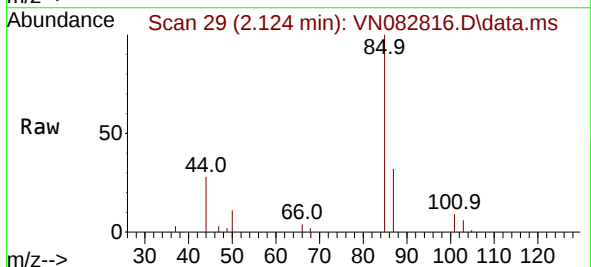
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#2
Dichlorodifluoromethane
Concen: 11.474 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Tgt Ion: 85 Resp: 22282
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0





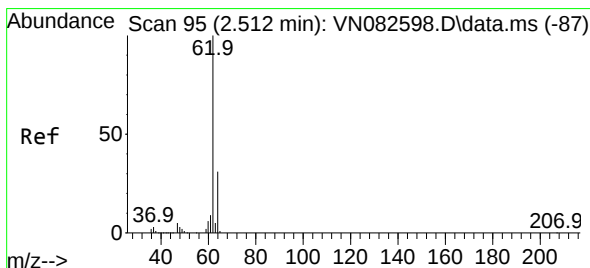
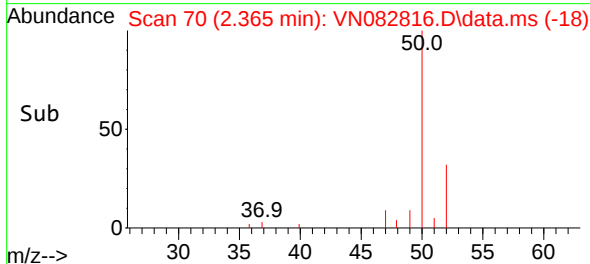
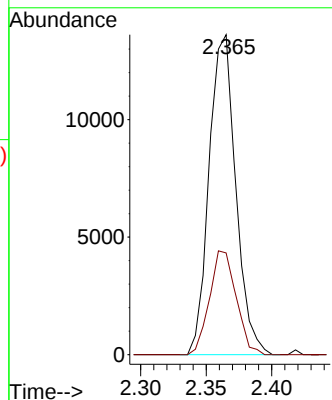
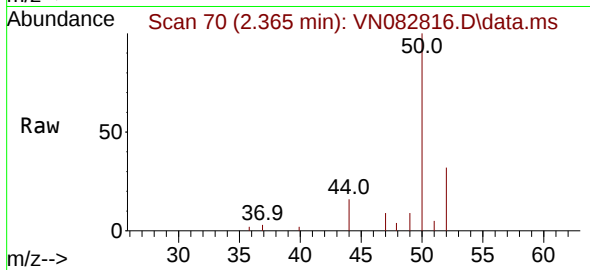
#3
Chloromethane
Concen: 10.460 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 50 Resp: 1926
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4

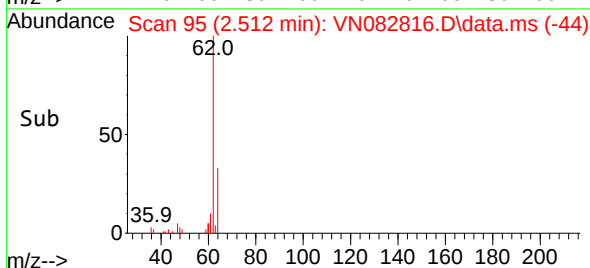
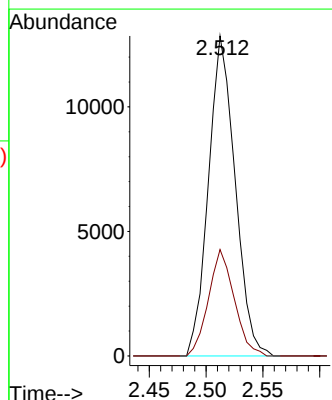
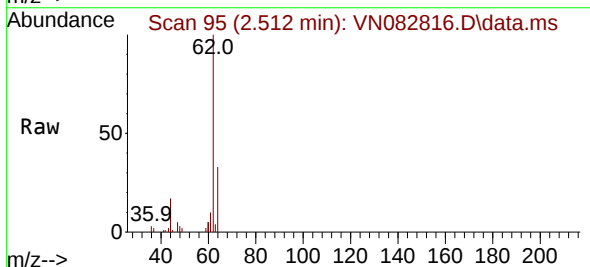
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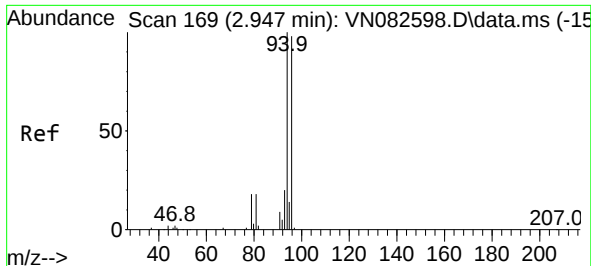
Reviewed By :John Carlone 07/08/2024
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#4
Vinyl Chloride
Concen: 10.847 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082816.D
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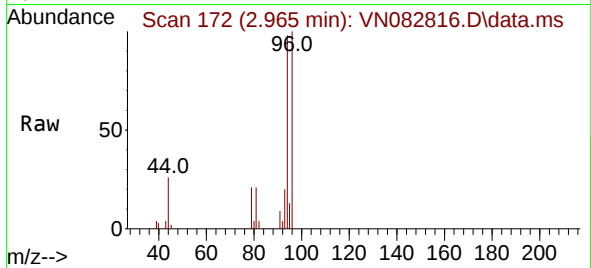
Tgt Ion: 62 Resp: 20979
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.6





#5
Bromomethane
Concen: 10.874 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

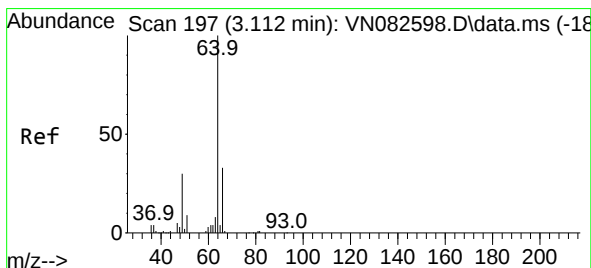
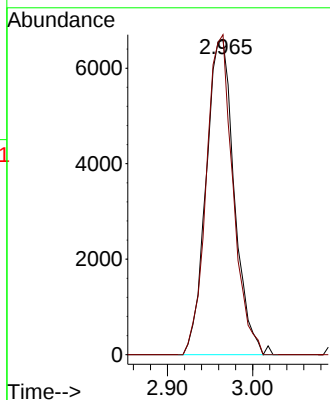
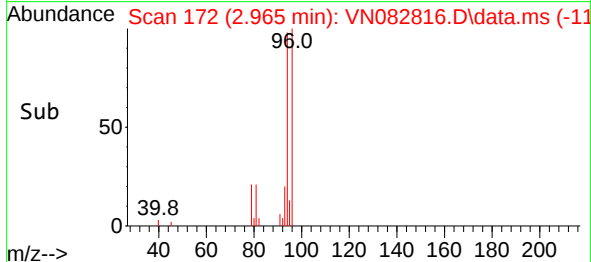
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Tgt Ion: 94 Resp: 15164
Ion Ratio Lower Upper
94 100
96 101.8 78.0 117.0

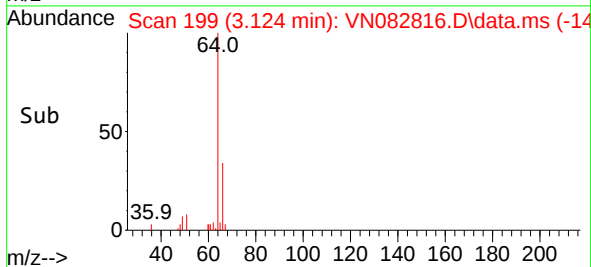
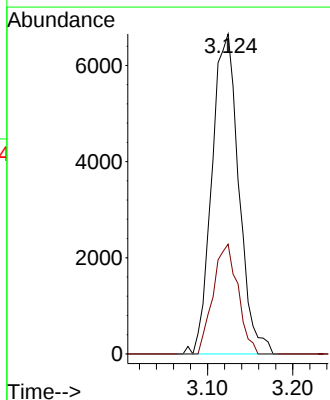
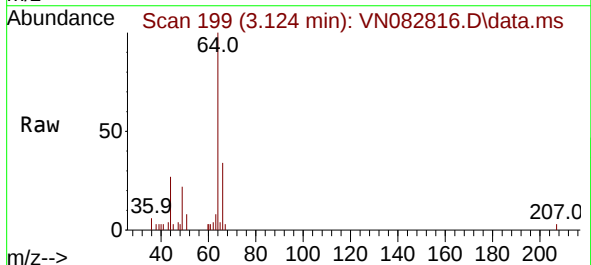
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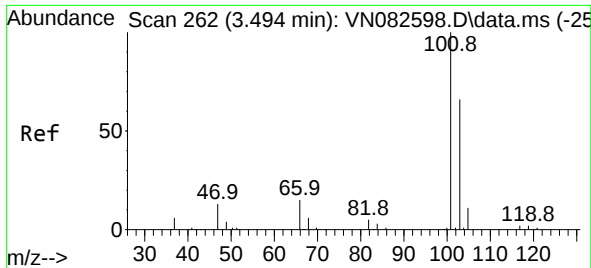
Reviewed By :John Carlone 07/08/2024
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#6
Chloroethane
Concen: 11.056 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

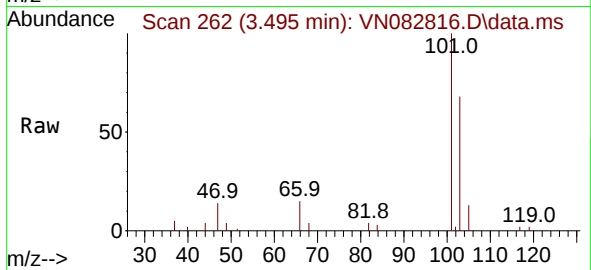
Tgt Ion: 64 Resp: 14633
Ion Ratio Lower Upper
64 100
66 34.3 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 10.840 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.001 min
 Lab File: VN082816.D
 Acq: 08 Jul 2024 11:58

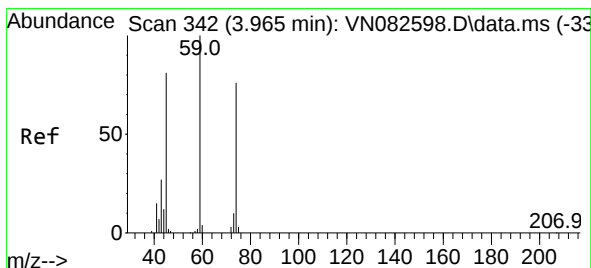
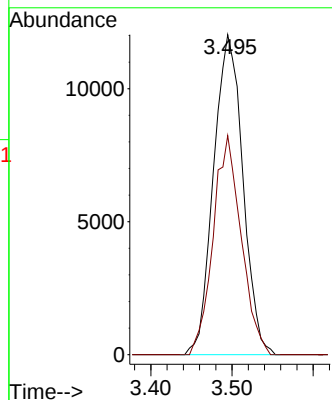
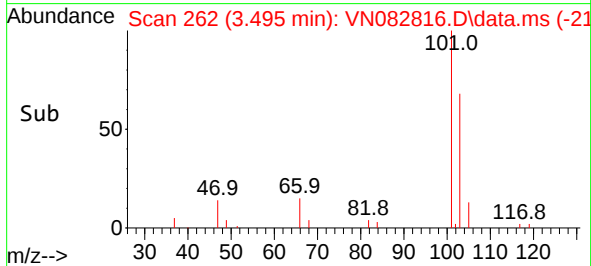
Instrument :
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Tgt Ion:101 Resp: 30154
 Ion Ratio Lower Upper
 101 100
 103 68.4 52.7 79.1

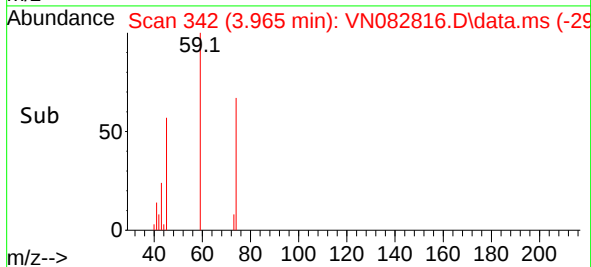
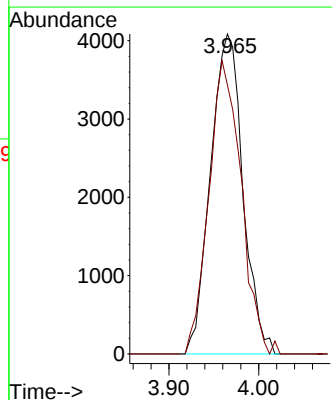
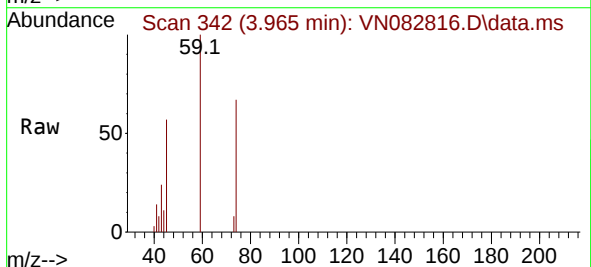
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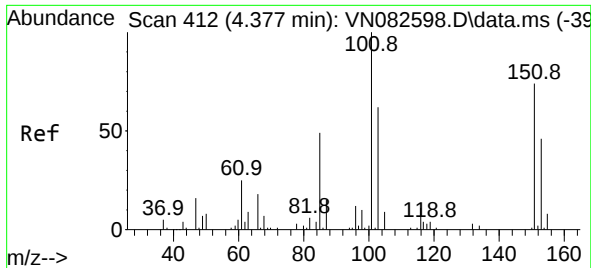
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#8
 Diethyl Ether
 Concen: 10.757 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN082816.D
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Tgt Ion: 74 Resp: 10241
 Ion Ratio Lower Upper
 74 100
 45 91.4 55.5 166.3





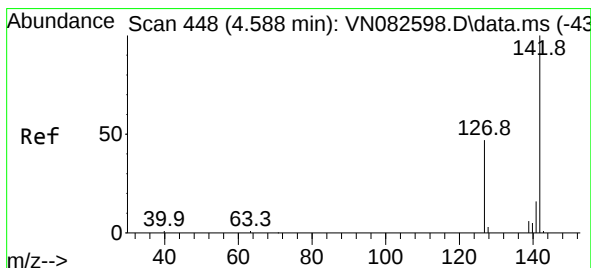
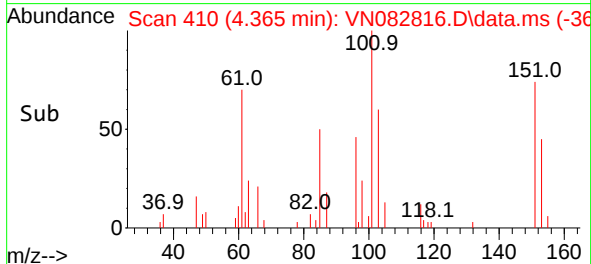
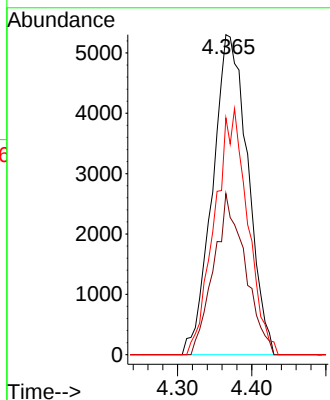
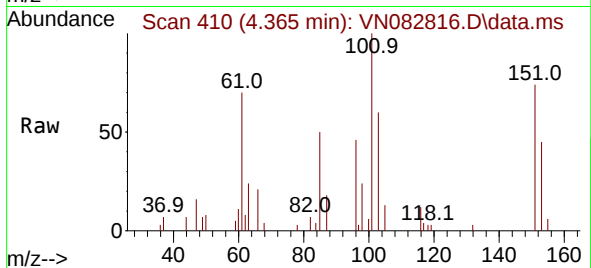
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.114 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 17498
Ion Ratio Lower Upper
101 100
85 45.0 38.3 57.5
151 72.3 59.3 88.9

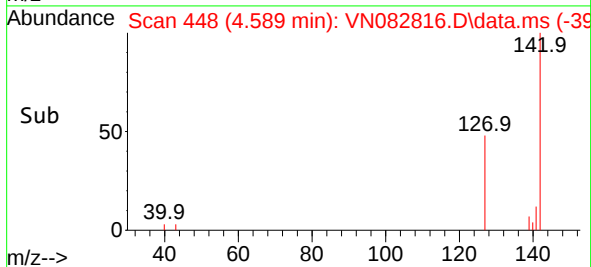
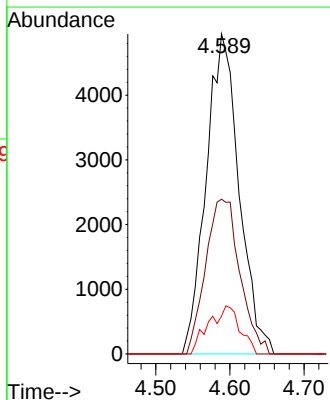
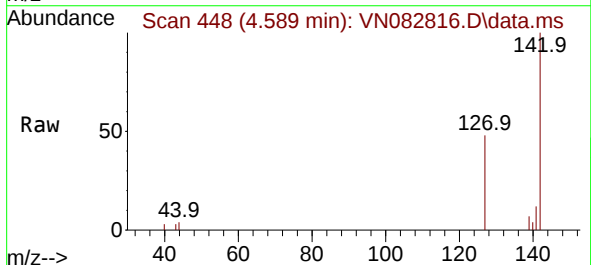
Manual Integrations
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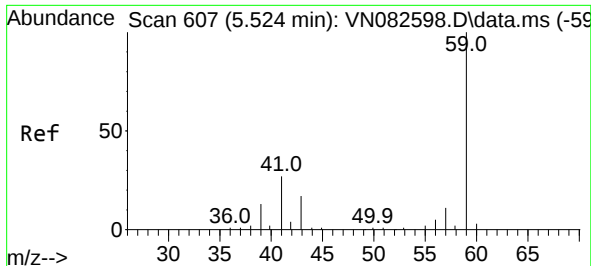
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#10
Methyl Iodide
Concen: 9.461 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

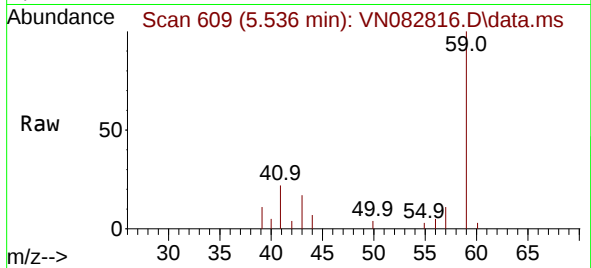
Tgt Ion:142 Resp: 15272
Ion Ratio Lower Upper
142 100
127 48.3 37.5 56.3
141 11.8 13.1 19.7#





#11
Tert butyl alcohol
Concen: 52.556 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

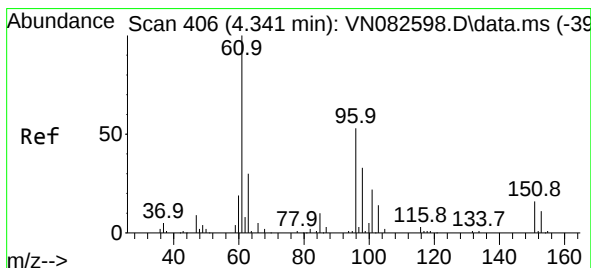
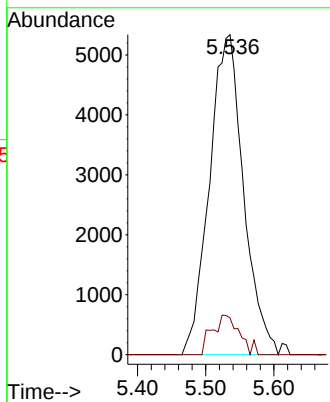
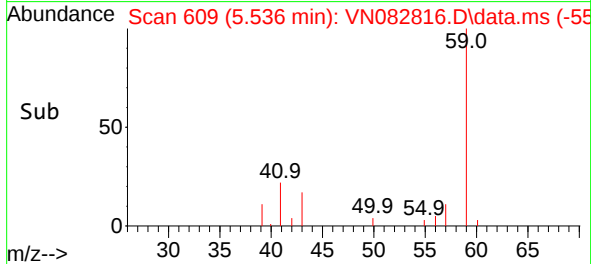
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



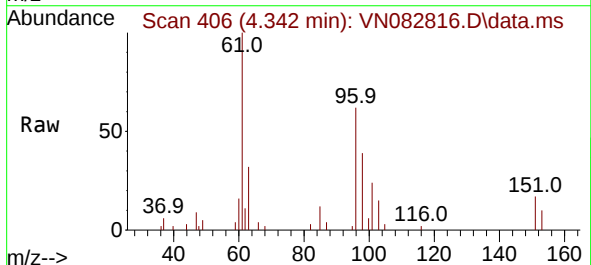
Tgt Ion: 59 Resp: 1858
Ion Ratio Lower Upper
59 100
57 9.8 8.9 13.3

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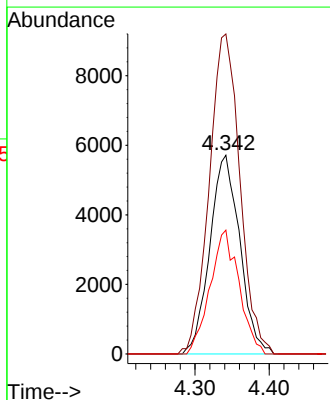
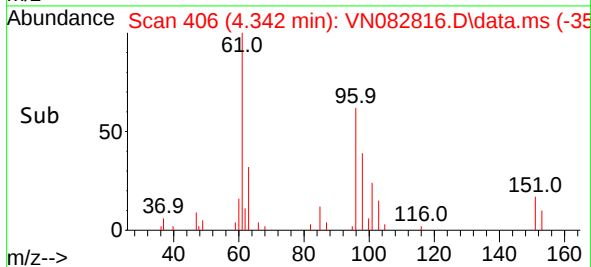
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#12
1,1-Dichloroethene
Concen: 10.477 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58



Tgt Ion: 96 Resp: 16042
Ion Ratio Lower Upper
96 100
61 161.1 149.7 224.5
98 62.3 50.1 75.1





#13

Acrolein

Concen: 52.546 ug/l

RT: 4.183 min Scan# 378

Delta R.T. 0.006 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 13410

Ion Ratio Lower Upper

56 100

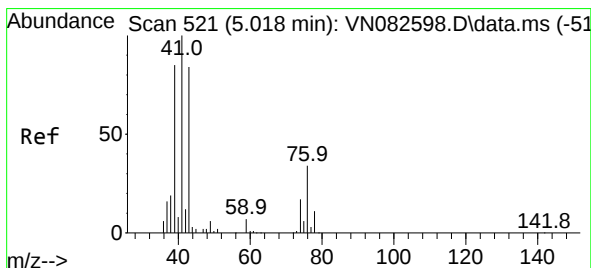
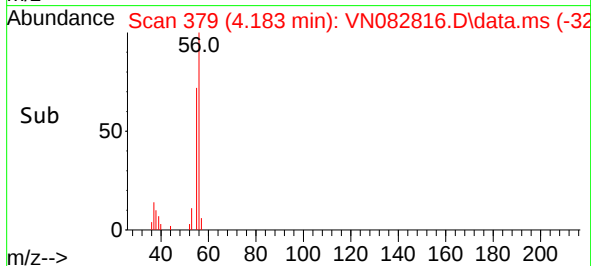
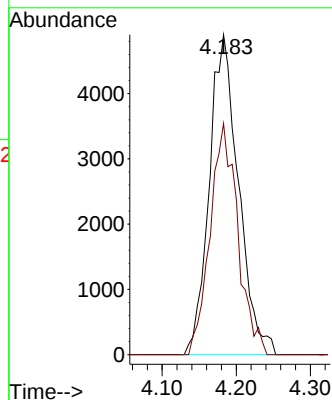
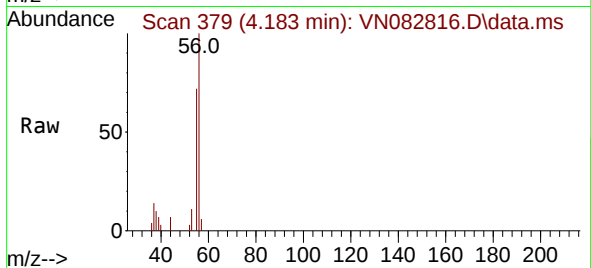
55 68.4 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#14

Allyl chloride

Concen: 9.926 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

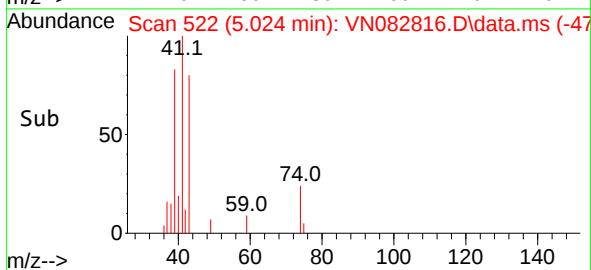
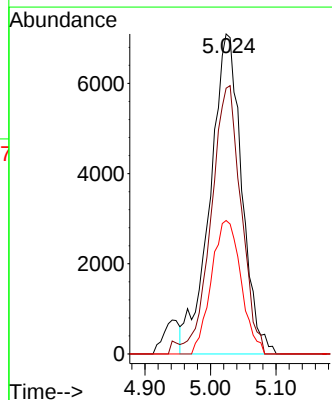
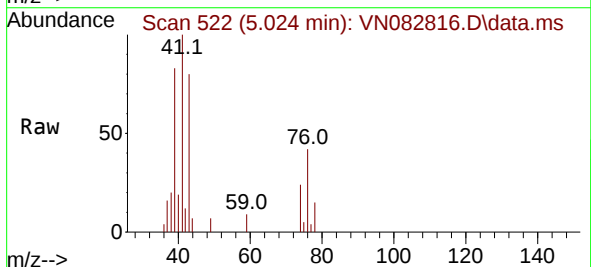
Tgt Ion: 41 Resp: 23698

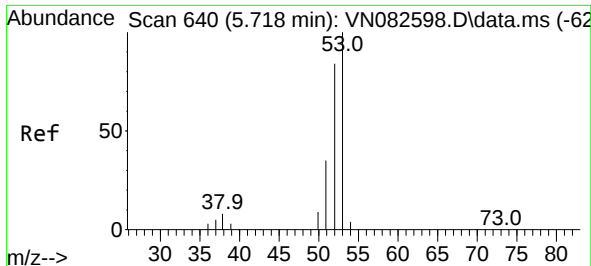
Ion Ratio Lower Upper

41 100

39 79.0 67.8 101.6

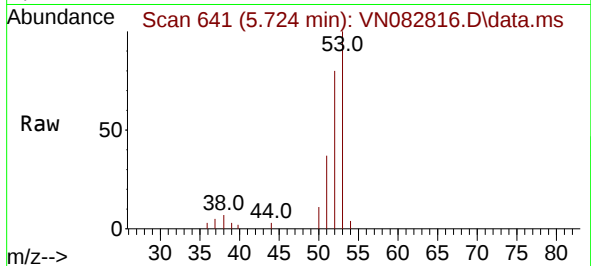
76 39.3 25.8 38.8#





#15
Acrylonitrile
Concen: 50.087 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

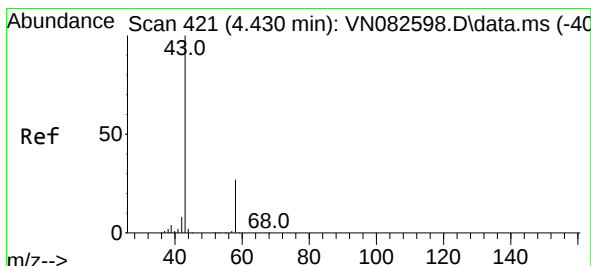
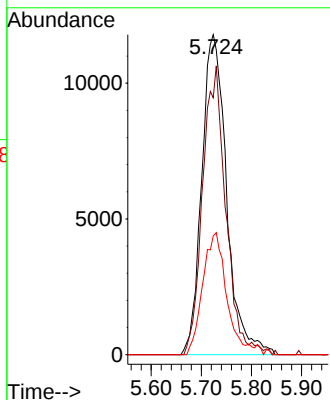
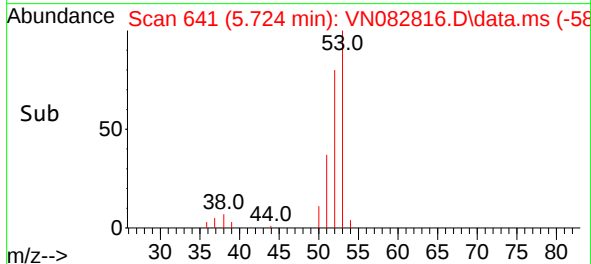
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 4070
Ion Ratio Lower Upper
53 100
52 84.4 66.6 100.0
51 37.2 30.1 45.1

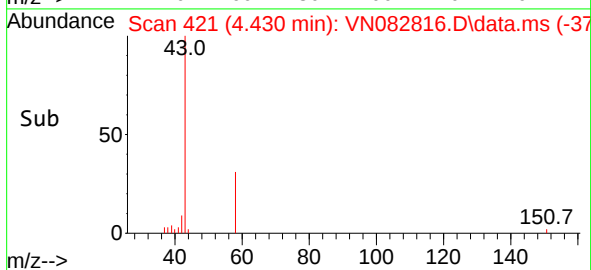
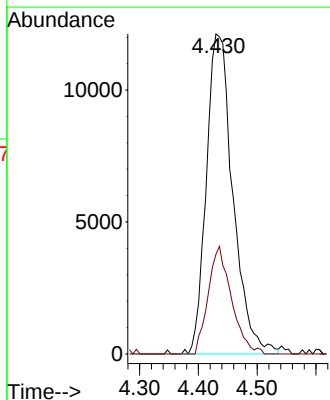
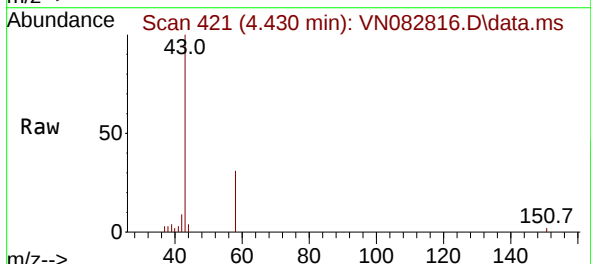
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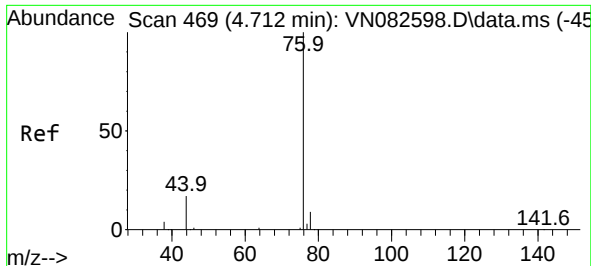
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#16
Acetone
Concen: 51.530 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Tgt Ion: 43 Resp: 38146
Ion Ratio Lower Upper
43 100
58 31.1 21.8 32.6





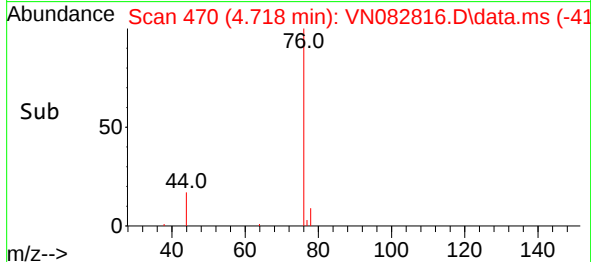
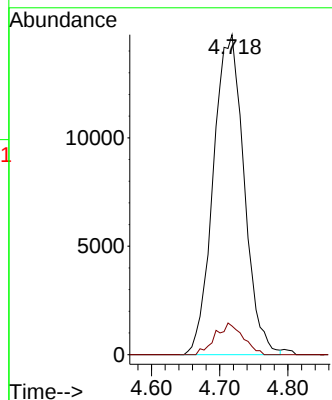
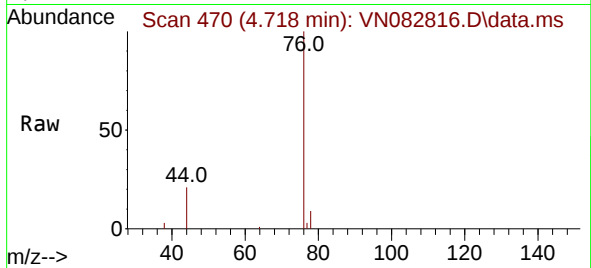
#17
Carbon Disulfide
Concen: 10.145 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 46410
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

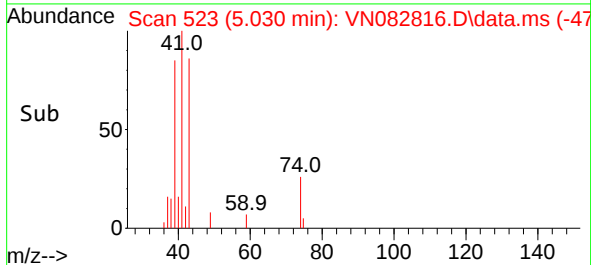
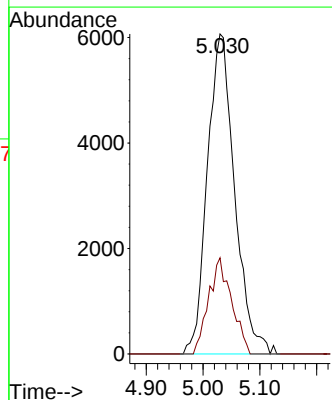
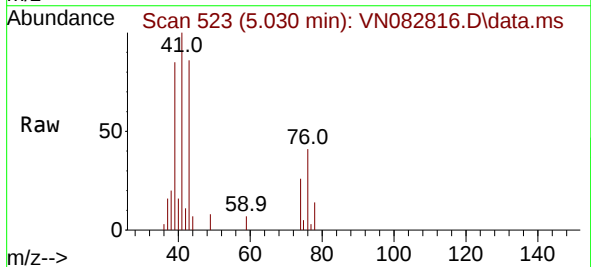
Manual Integrations
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Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#18
Methyl Acetate
Concen: 10.326 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Tgt Ion: 43 Resp: 20226
Ion Ratio Lower Upper
43 100
74 25.3 16.3 24.5#





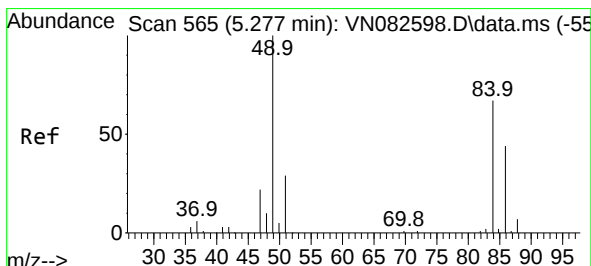
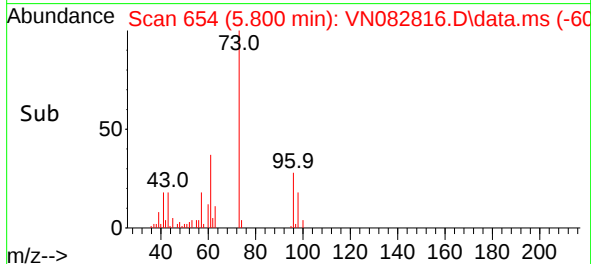
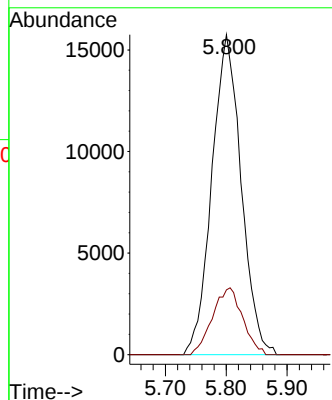
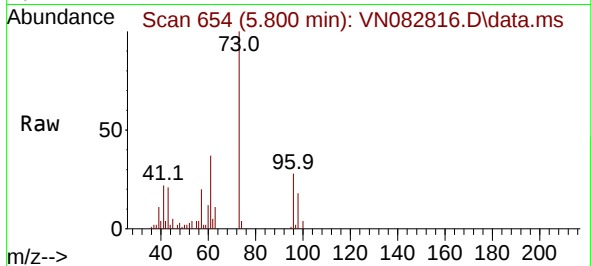
#19
Methyl tert-butyl Ether
Concen: 9.970 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 5265
Ion Ratio Lower Upper
73 100
57 20.3 17.9 26.9

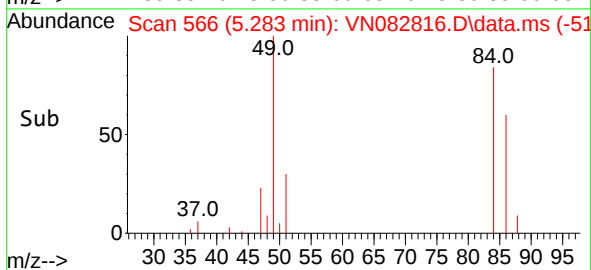
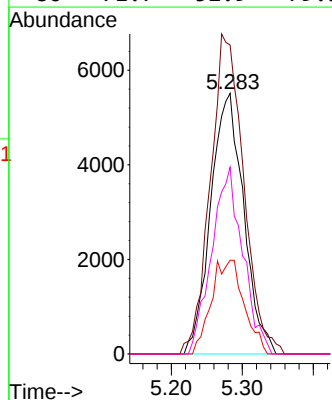
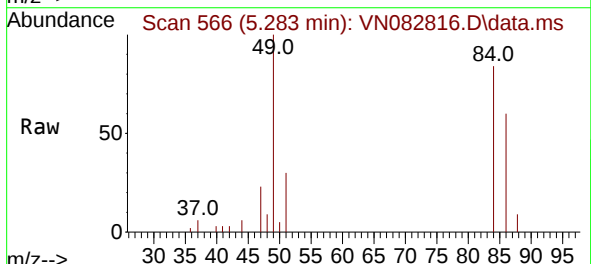
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#20
Methylene Chloride
Concen: 9.944 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

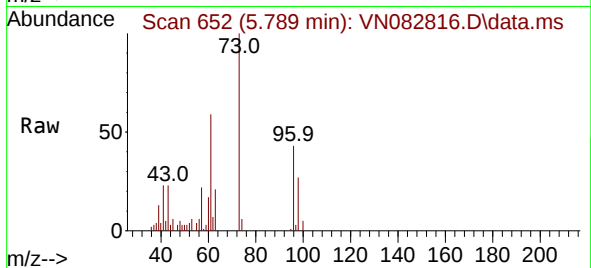
Tgt Ion: 84 Resp: 17778
Ion Ratio Lower Upper
84 100
49 118.6 119.6 179.4#
51 36.0 34.8 52.2
86 71.7 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 9.986 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

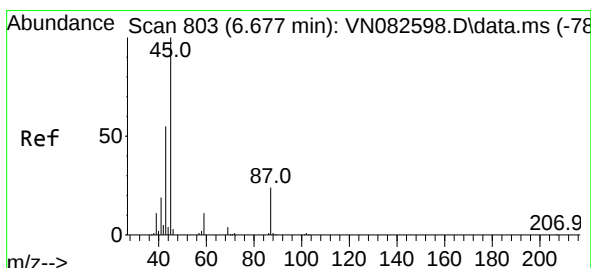
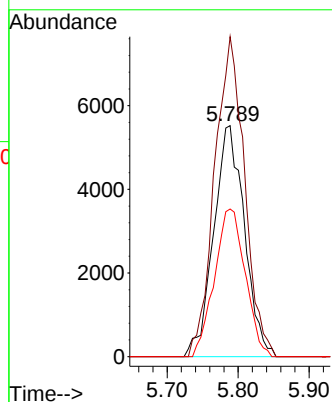
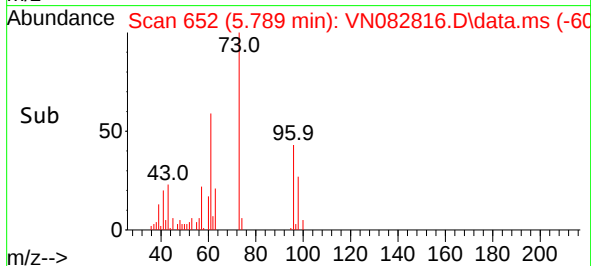
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 96 Resp: 1656
Ion Ratio Lower Upper
96 100
61 138.5 123.4 185.2
98 63.9 49.3 73.9

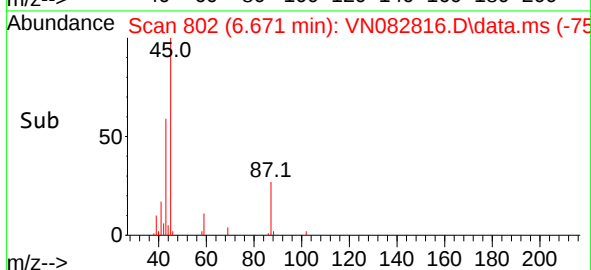
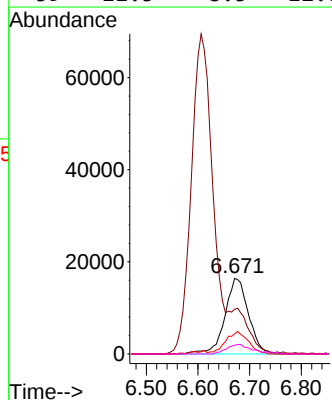
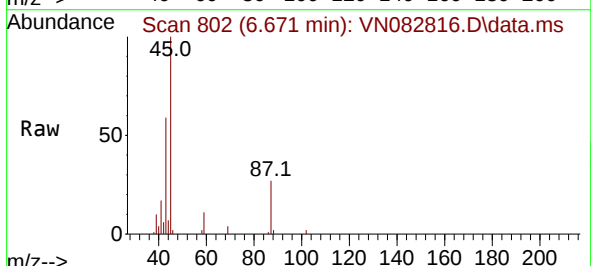
Manual Integrations
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Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#22
Diisopropyl ether
Concen: 10.357 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

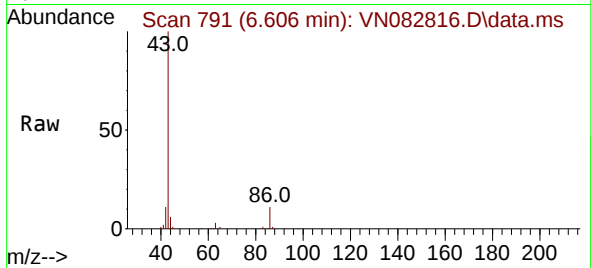
Tgt Ion: 45 Resp: 51732
Ion Ratio Lower Upper
45 100
43 57.6 44.0 66.0
87 26.6 19.7 29.5
59 11.5 8.5 12.7





#23
 Vinyl Acetate
 Concen: 51.523 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082816.D
 Acq: 08 Jul 2024 11:58

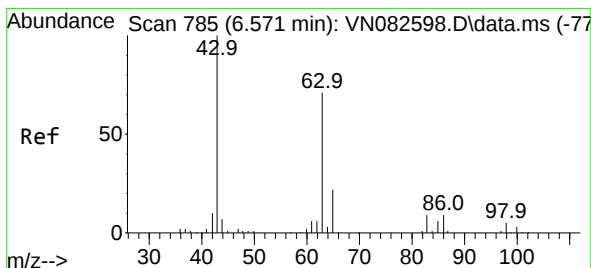
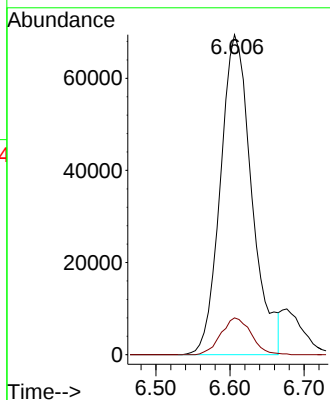
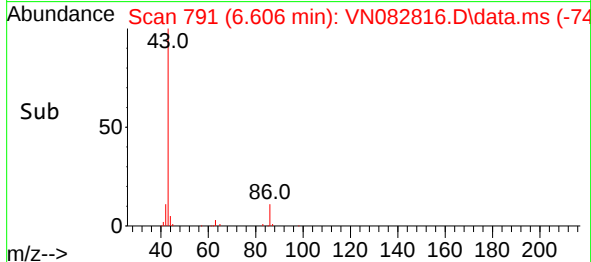
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



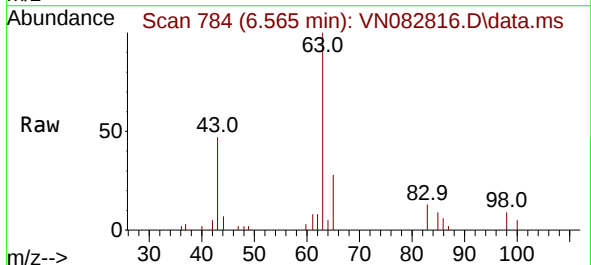
Tgt Ion: 43 Resp: 20436
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.3 10.9

Manual Integrations
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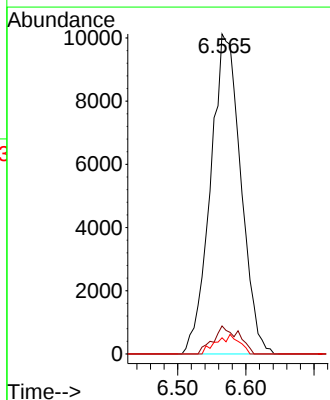
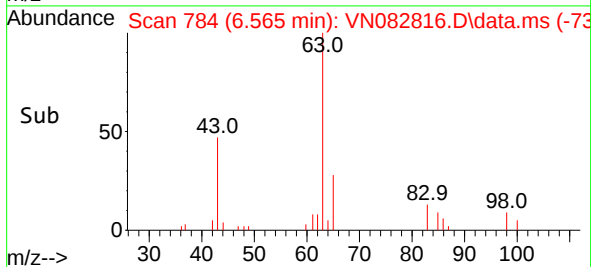
Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024

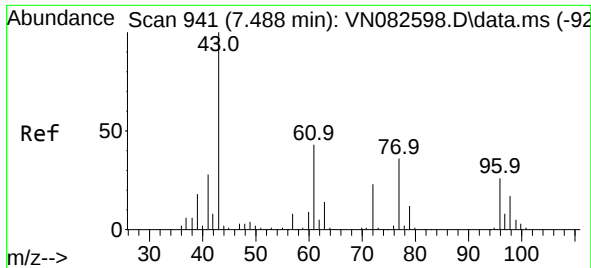


#24
 1,1-Dichloroethane
 Concen: 10.354 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082816.D
 Acq: 08 Jul 2024 11:58



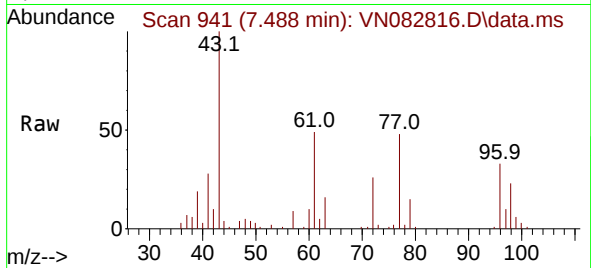
Tgt Ion: 63 Resp: 31369
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.3 9.9
 100 5.1 2.0 6.0





#25
2-Butanone
Concen: 49.684 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

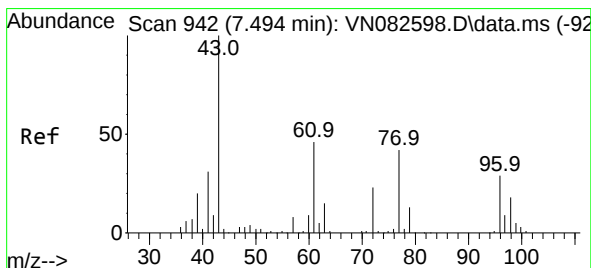
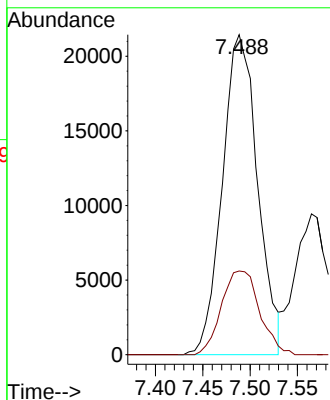
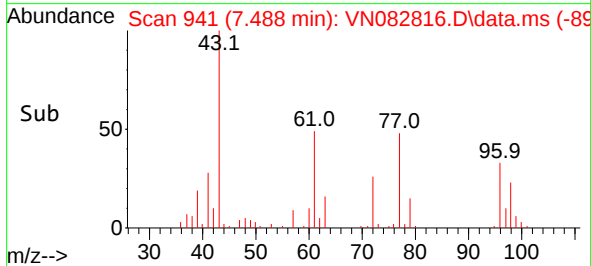
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 5553
Ion Ratio Lower Upper
43 100
72 26.1 18.2 27.2

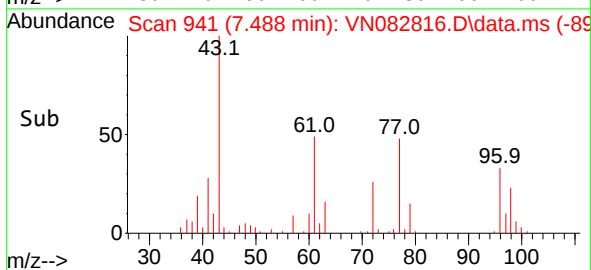
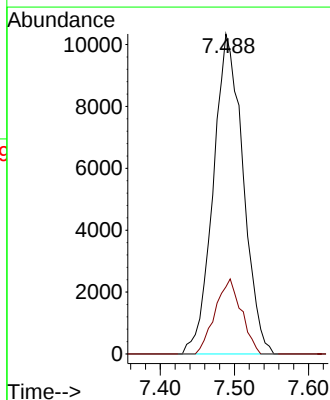
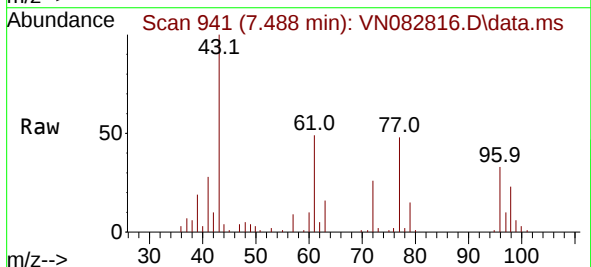
Manual Integrations
APPROVED

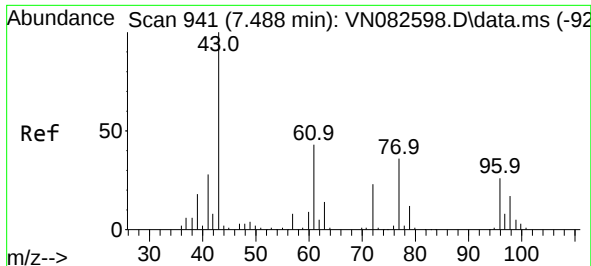
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#26
2,2-Dichloropropane
Concen: 10.253 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Tgt Ion: 77 Resp: 28882
Ion Ratio Lower Upper
77 100
97 20.6 10.3 30.9





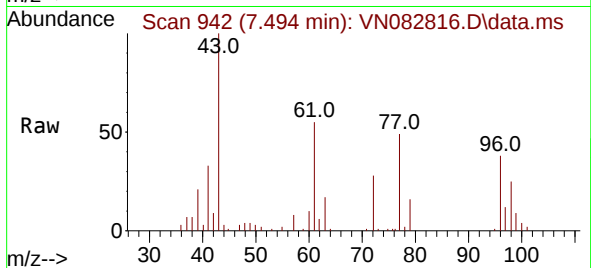
#27
 cis-1,2-Dichloroethene
 Concen: 10.081 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN082816.D
 Acq: 08 Jul 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010



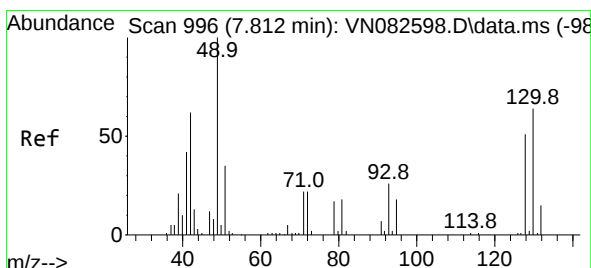
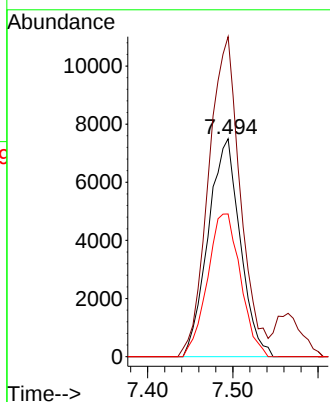
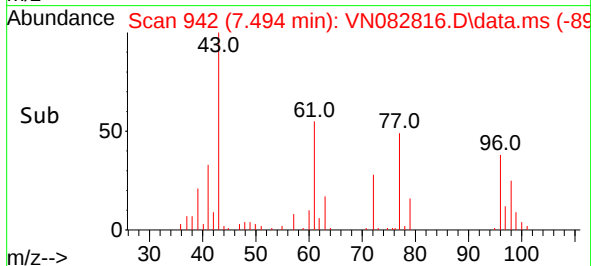
Tgt Ion: 96 Resp: 19580
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 329.6
 98 67.6 0.0 128.6

Manual Integrations

APPROVED

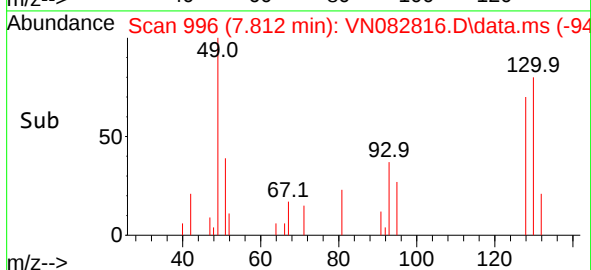
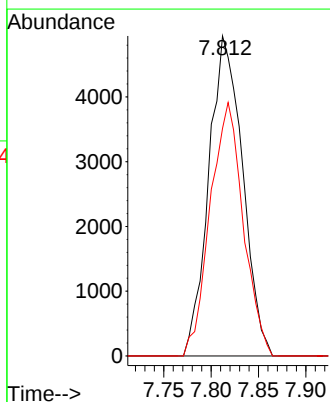
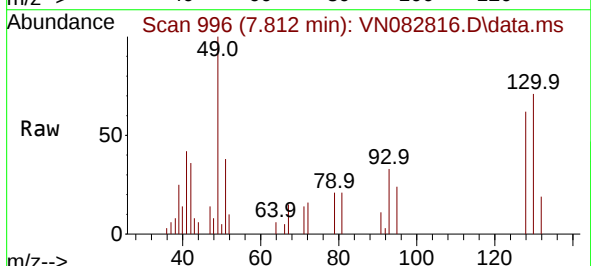
Reviewed By :John Carlone 07/08/2024

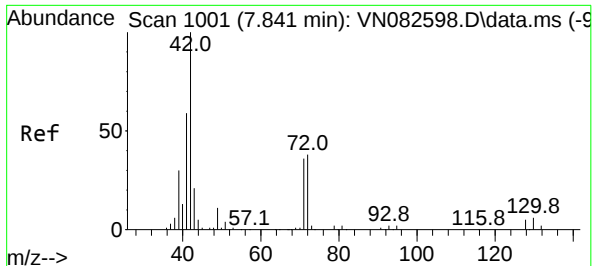
Supervised By :Mahesh Dadoda 07/09/2024



#28
 Bromochloromethane
 Concen: 9.424 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082816.D
 Acq: 08 Jul 2024 11:58

Tgt Ion: 49 Resp: 12249
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 77.6 50.5 75.7#





#29

Tetrahydrofuran

Concen: 52.030 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 42 Resp: 3661

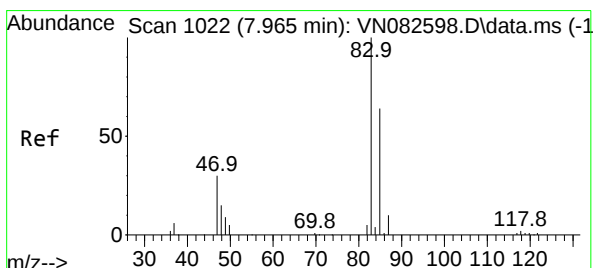
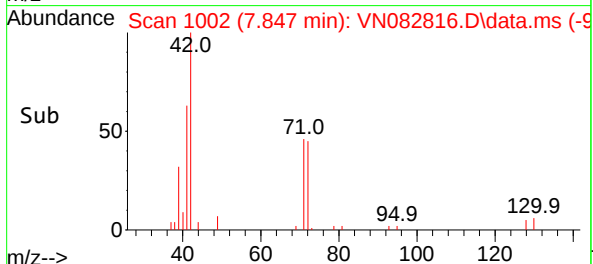
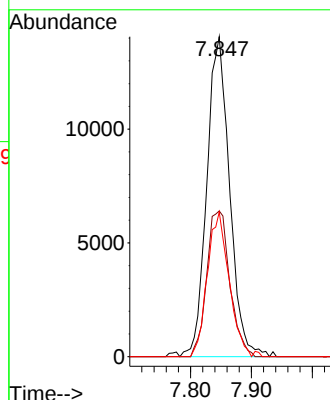
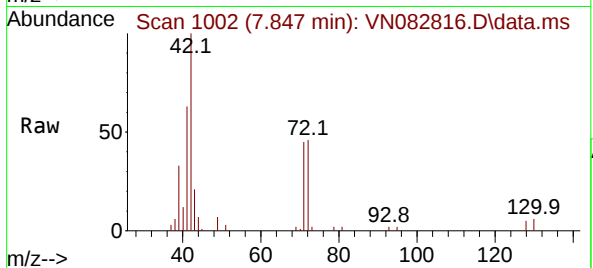
Ion	Ratio	Lower	Upper
42	100		
72	46.2	30.0	45.0
71	42.8	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#30

Chloroform

Concen: 10.276 ug/l

RT: 7.971 min Scan# 1023

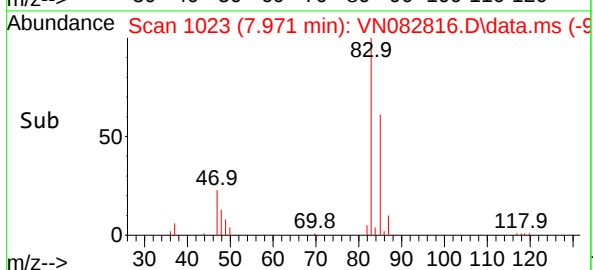
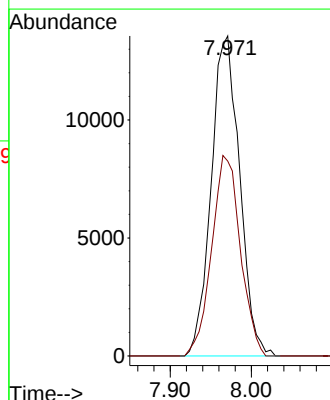
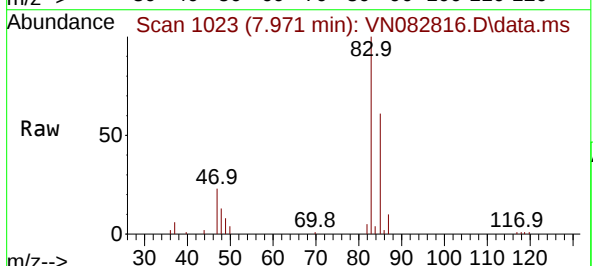
Delta R.T. 0.006 min

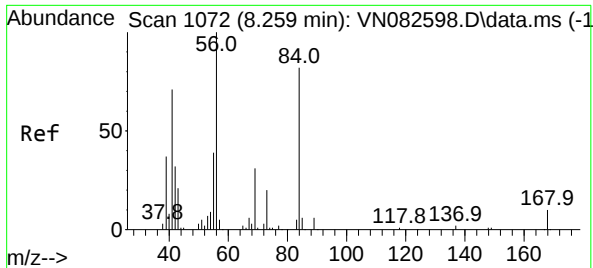
Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

Tgt Ion: 83 Resp: 33027

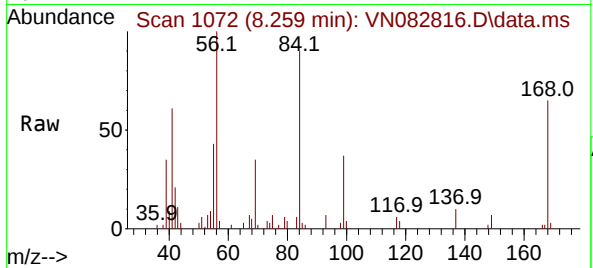
Ion	Ratio	Lower	Upper
83	100		
85	60.9	50.9	76.3





#31
Cyclohexane
Concen: 10.394 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

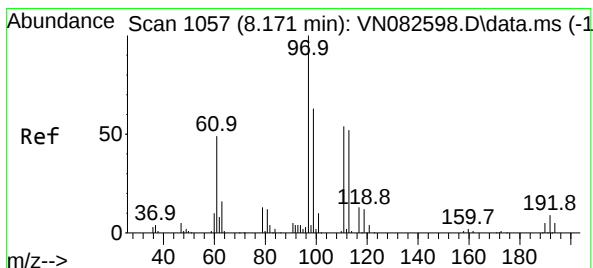
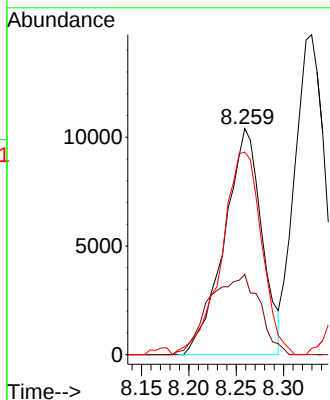
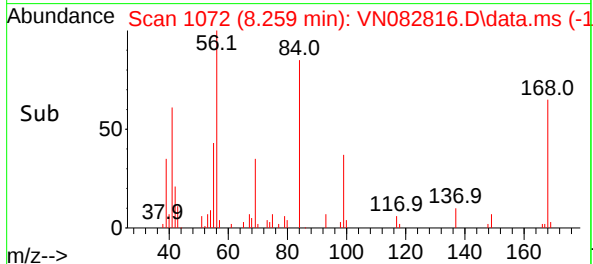
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



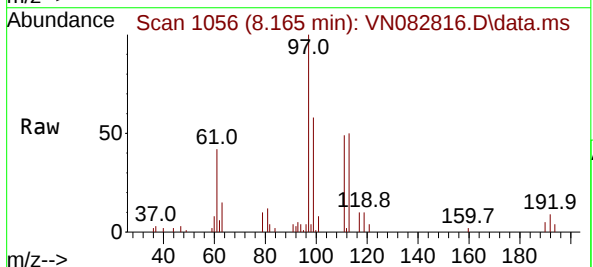
Tgt Ion: 56 Resp: 2857
Ion Ratio Lower Upper
56 100
69 34.0 24.5 36.7
84 87.6 66.0 99.0

Manual Integrations
APPROVED

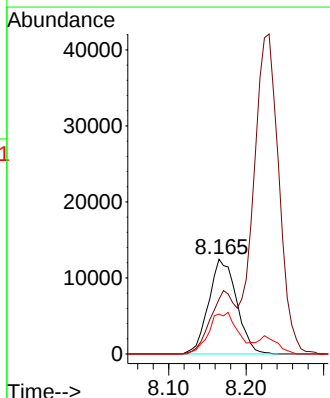
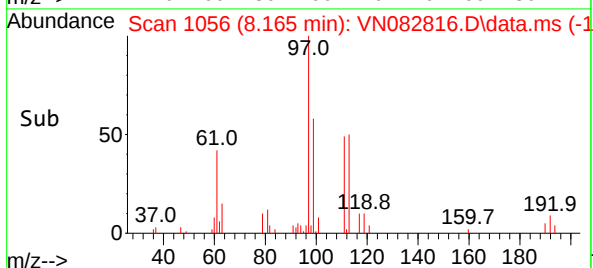
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

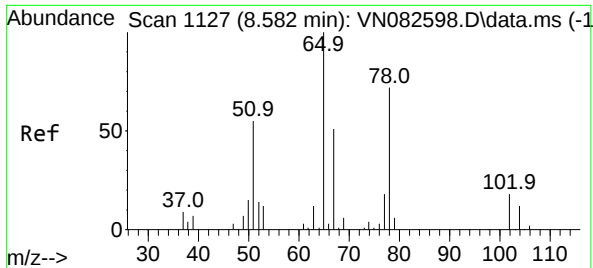


#32
1,1,1-Trichloroethane
Concen: 10.464 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58



Tgt Ion: 97 Resp: 31226
Ion Ratio Lower Upper
97 100
99 59.1 52.0 78.0
61 47.2 42.1 63.1





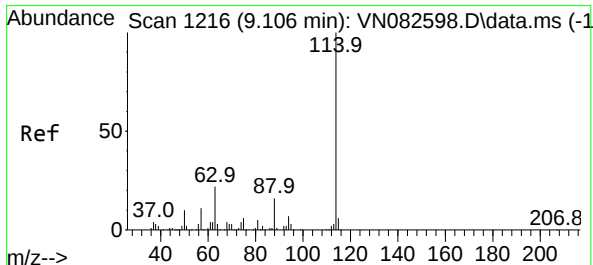
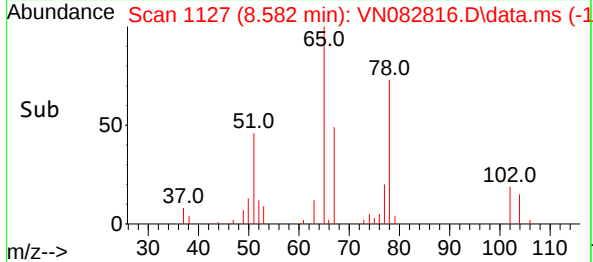
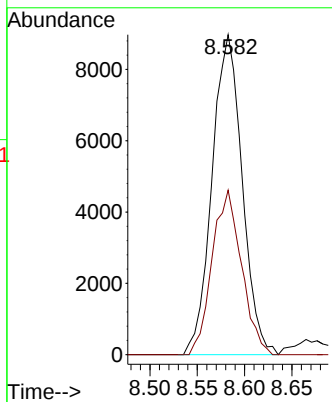
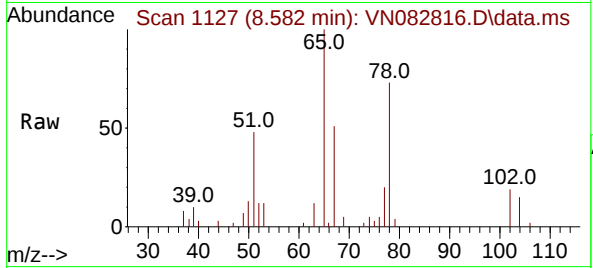
#33
 1,2-Dichloroethane-d4
 Concen: 9.440 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082816.D
 Acq: 08 Jul 2024 11:58

Instrument : MSVOA_N
 ClientSampleId : VSTDIC010

Tgt Ion: 65 Resp: 19849
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.4

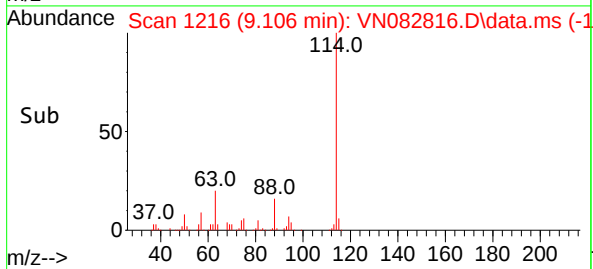
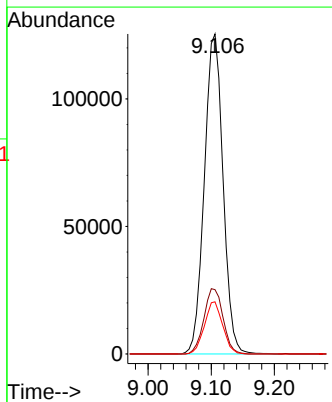
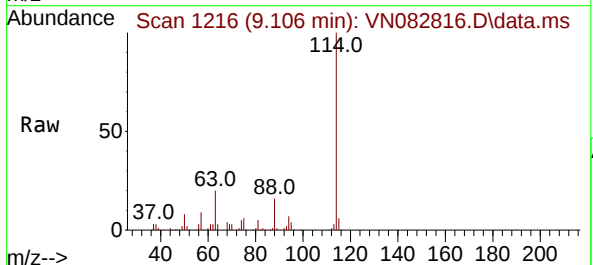
Manual Integrations
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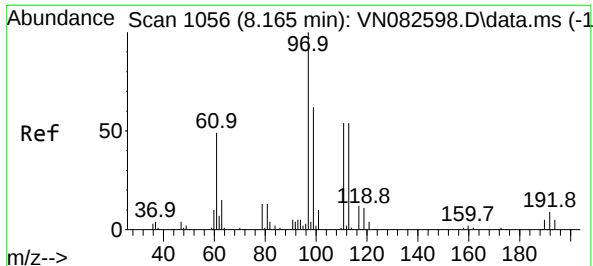
Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082816.D
 Acq: 08 Jul 2024 11:58

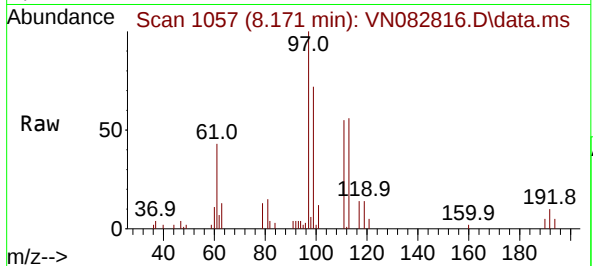
Tgt Ion:114 Resp: 257779
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.6
 88 16.3 0.0 31.4





#35
Dibromofluoromethane
Concen: 9.311 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

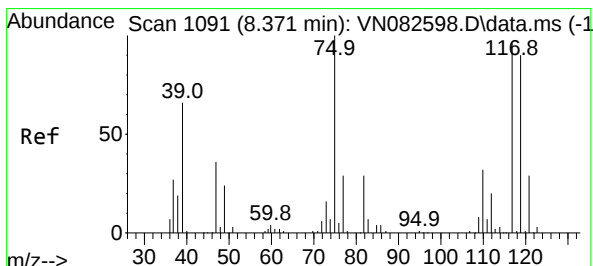
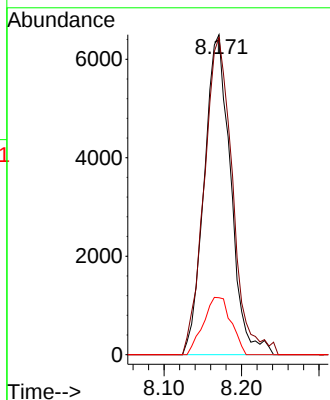
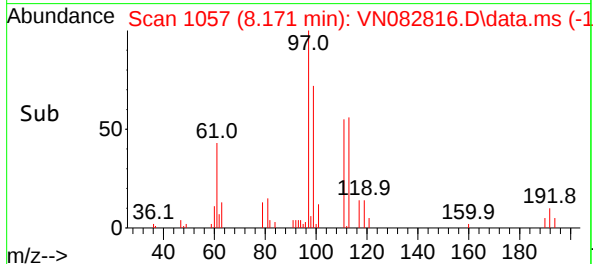
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



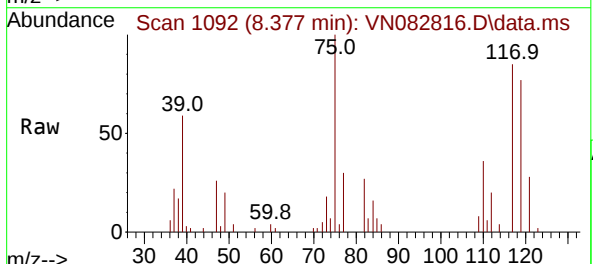
Tgt Ion: 113 Resp: 1540
Ion Ratio Lower Upper
113 100
111 105.9 82.4 123.6
192 18.7 14.9 22.3

Manual Integrations
APPROVED

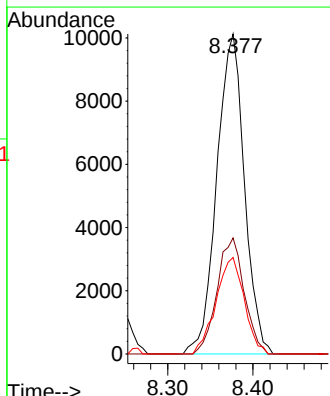
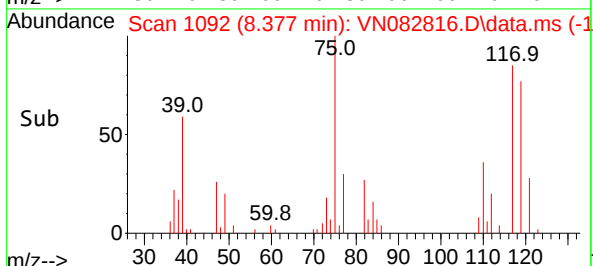
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#36
1,1-Dichloropropene
Concen: 9.994 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58



Tgt Ion: 75 Resp: 22791
Ion Ratio Lower Upper
75 100
110 35.6 16.3 48.9
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 10.586 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN082816.D

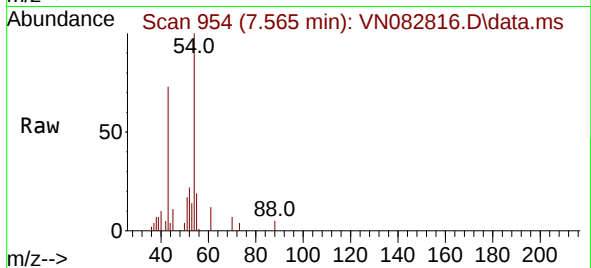
Acq: 08 Jul 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010



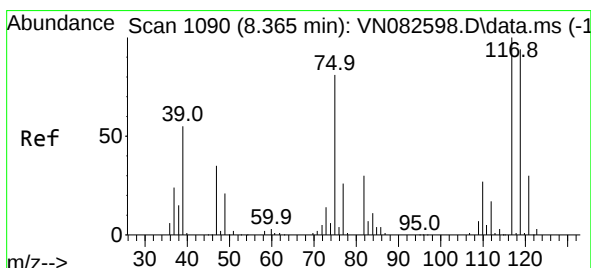
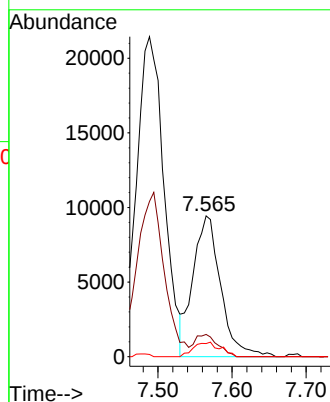
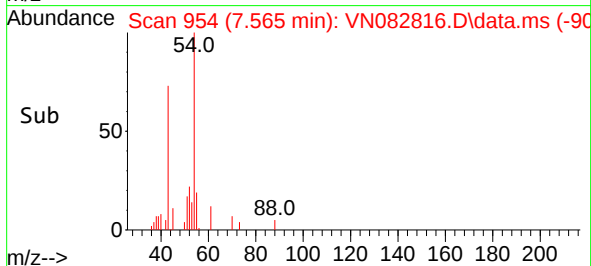
Tgt Ion:	43	Resp:	24578
Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.3	13.9
70	9.9	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#38

Carbon Tetrachloride

Concen: 10.071 ug/l

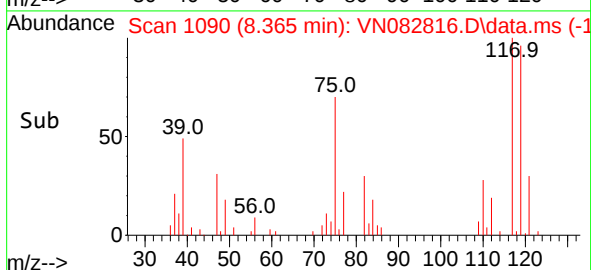
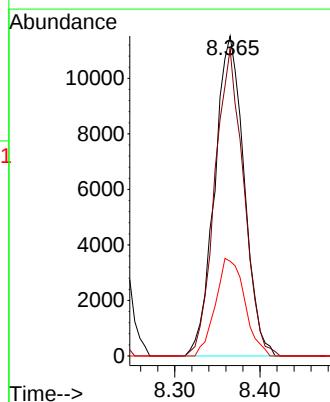
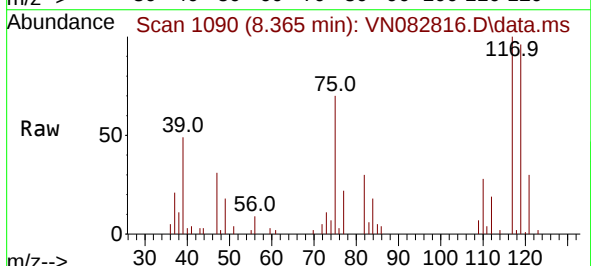
RT: 8.365 min Scan# 1090

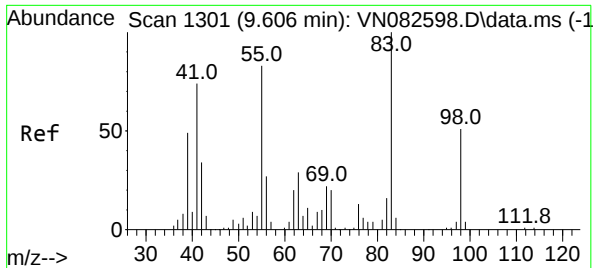
Delta R.T. -0.000 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

Tgt Ion:	117	Resp:	27654
Ion	Ratio	Lower	Upper
117	100		
119	95.9	74.9	112.3
121	29.6	24.3	36.5





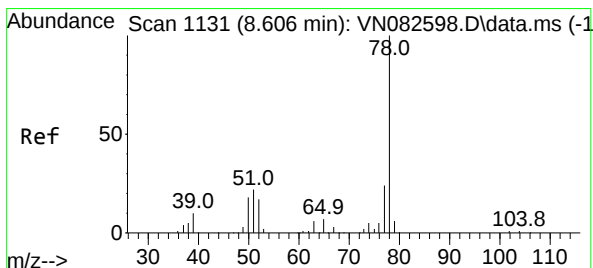
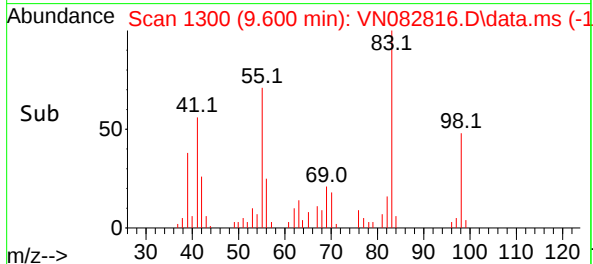
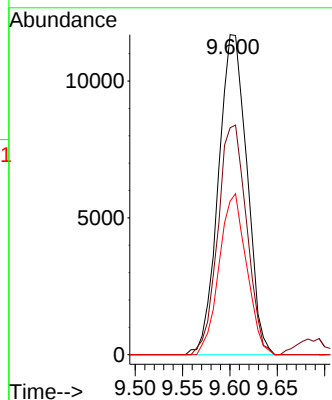
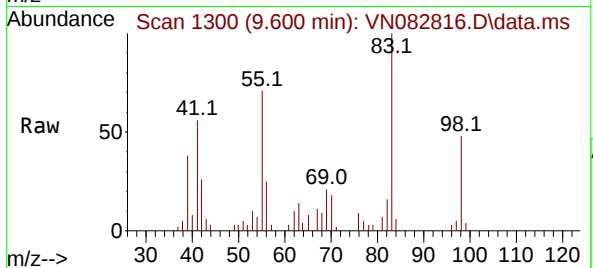
#39
Methylcyclohexane
Concen: 9.943 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 2449
Ion Ratio Lower Upper
83 100
55 70.9 66.4 99.6
98 48.0 40.7 61.1

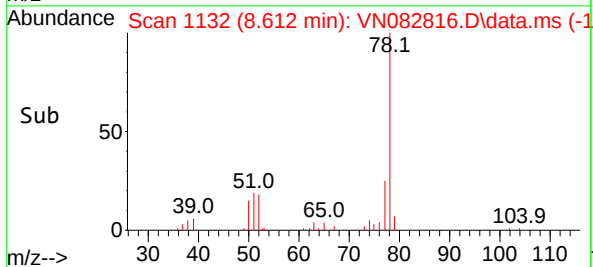
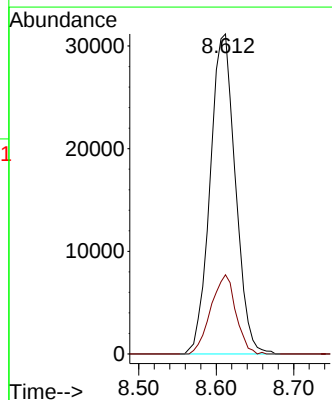
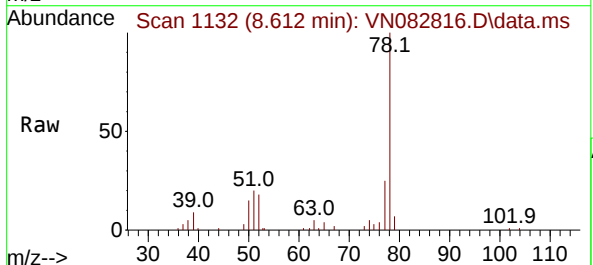
Manual Integrations
APPROVED

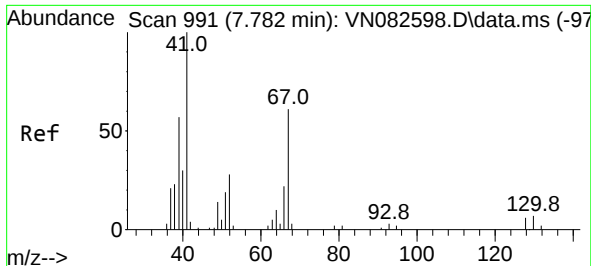
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#40
Benzene
Concen: 10.069 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

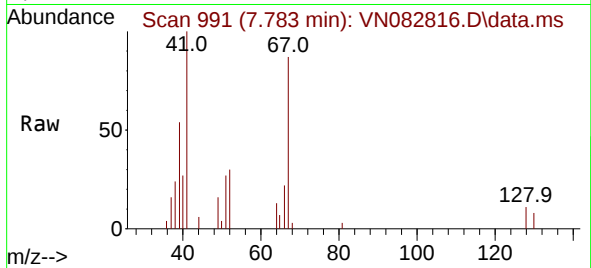
Tgt Ion: 78 Resp: 70633
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4





#41
Methacrylonitrile
Concen: 9.290 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

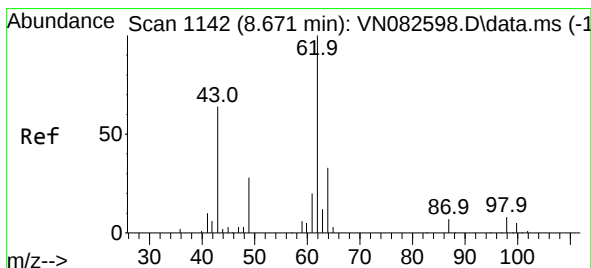
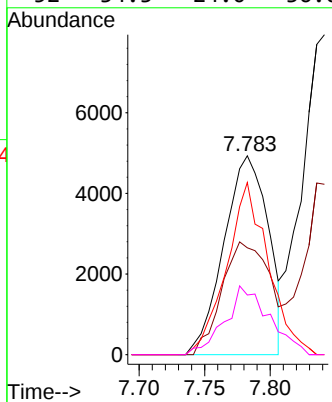
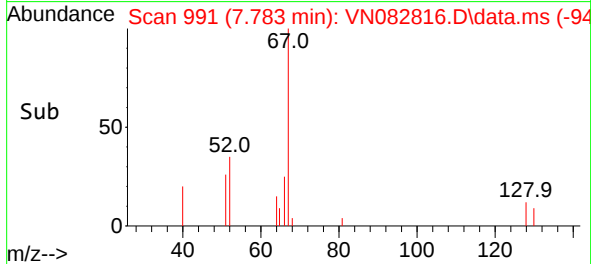
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



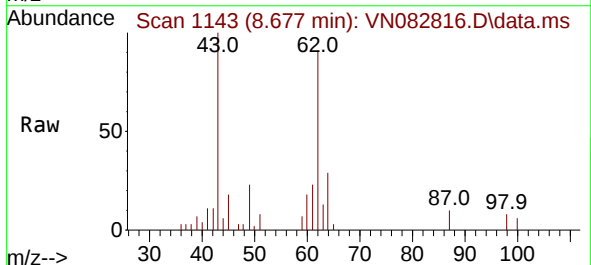
Tgt Ion: 41 Resp: 11620
Ion Ratio Lower Upper
41 100
39 64.0 45.5 68.3
67 81.3 50.5 75.7
52 34.3 24.0 36.0

Manual Integrations
APPROVED

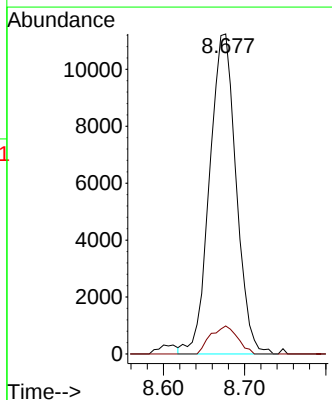
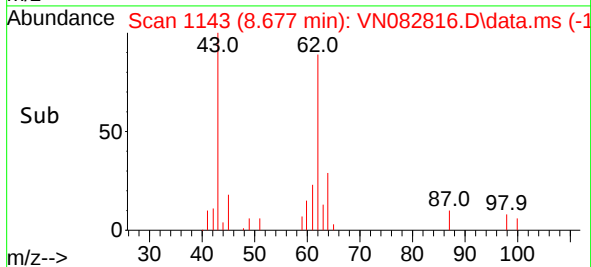
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

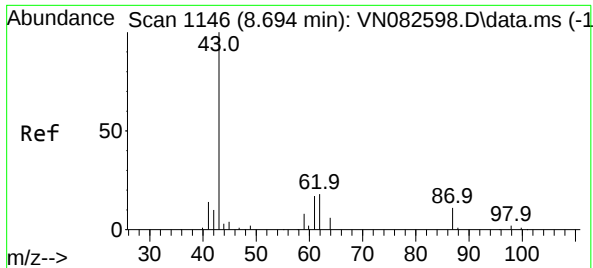


#42
1,2-Dichloroethane
Concen: 10.130 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58



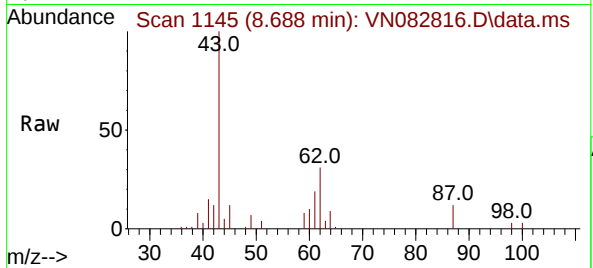
Tgt Ion: 62 Resp: 25582
Ion Ratio Lower Upper
62 100
98 8.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 9.276 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

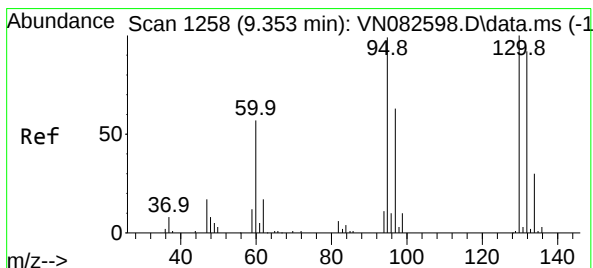
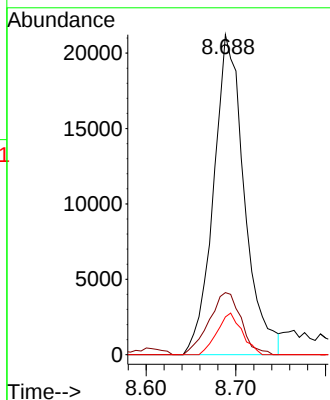
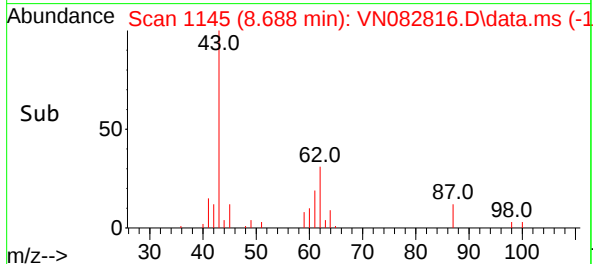
Instrument : MSVOA_N
ClientSampleId : VSTDIC010



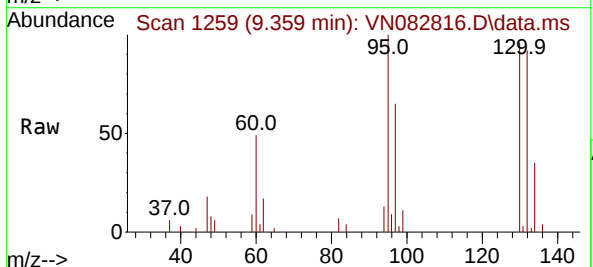
Tgt Ion: 43 Resp: 50619
Ion Ratio Lower Upper
43 100
61 20.2 17.8 26.6
87 10.5 8.2 12.2

Manual Integrations
APPROVED

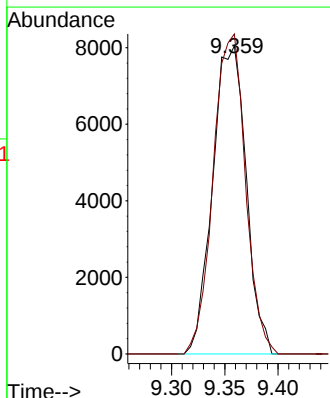
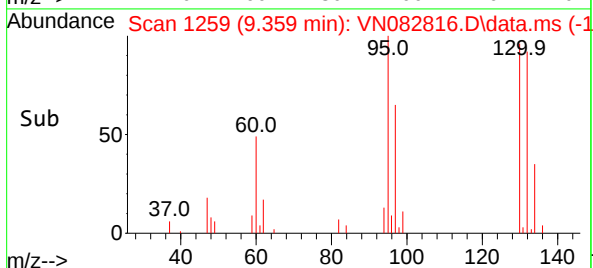
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

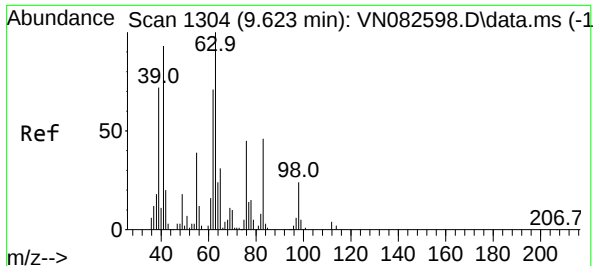


#44
Trichloroethene
Concen: 9.807 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58



Tgt Ion:130 Resp: 17626
Ion Ratio Lower Upper
130 100
95 103.9 0.0 197.8





#45

1,2-Dichloropropane

Concen: 10.139 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 1660

Ion Ratio Lower Upper

63 100

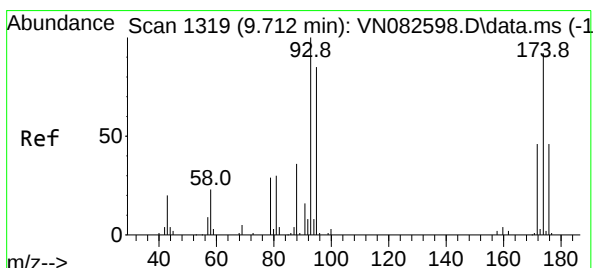
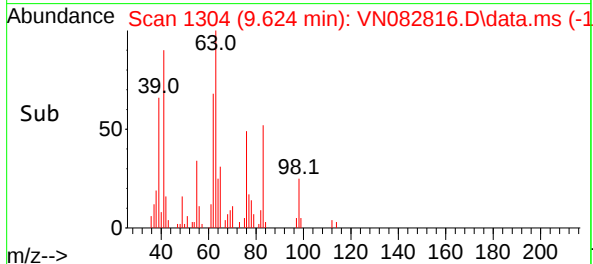
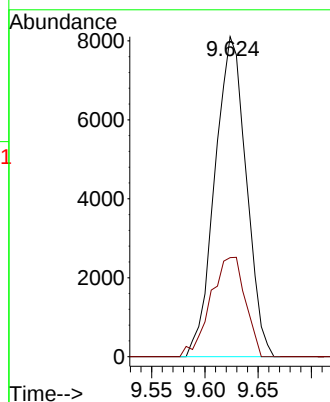
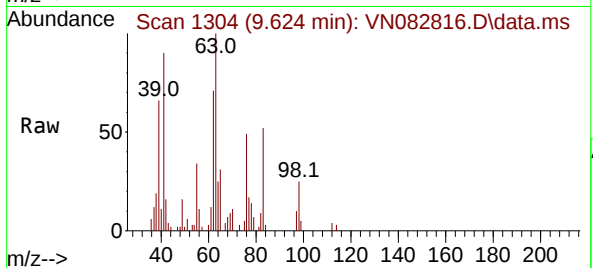
65 31.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#46

Dibromomethane

Concen: 10.033 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

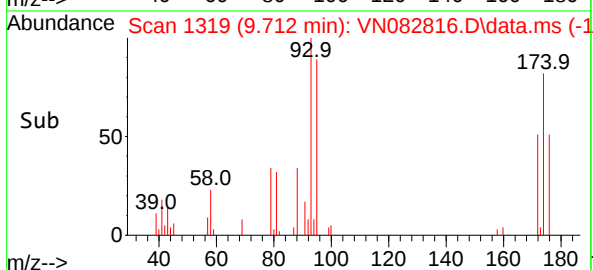
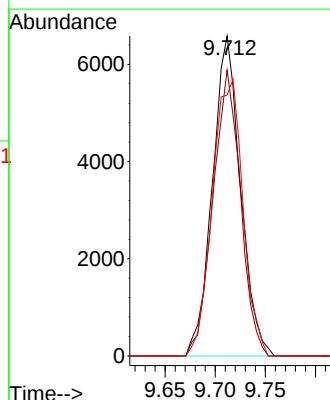
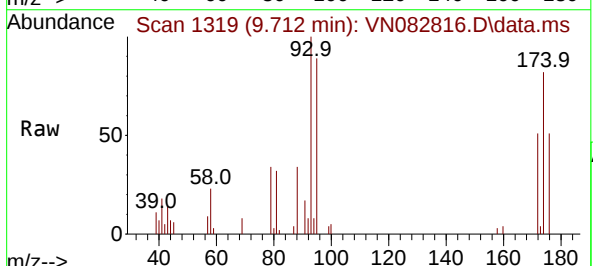
Tgt Ion: 93 Resp: 12801

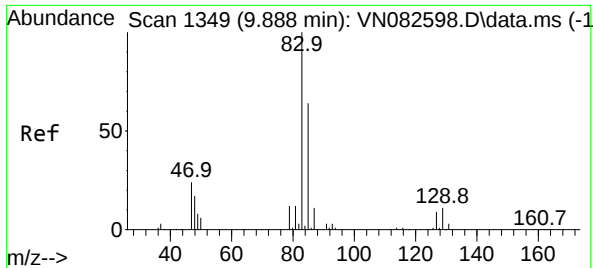
Ion Ratio Lower Upper

93 100

95 87.5 65.8 98.6

174 93.9 71.7 107.5





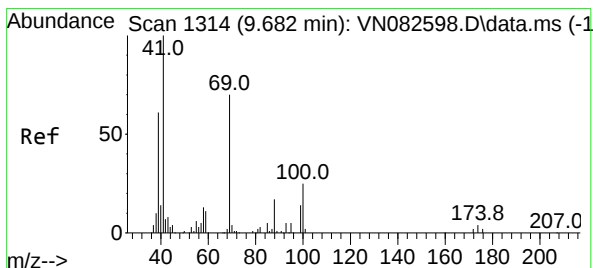
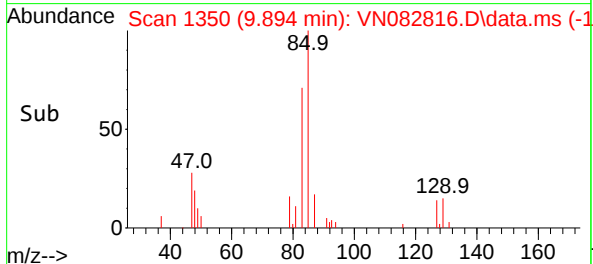
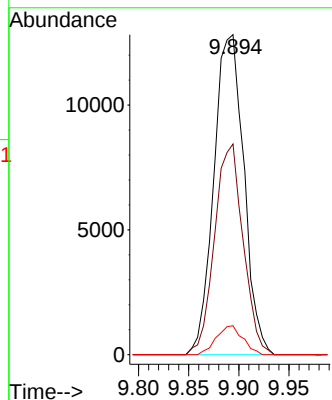
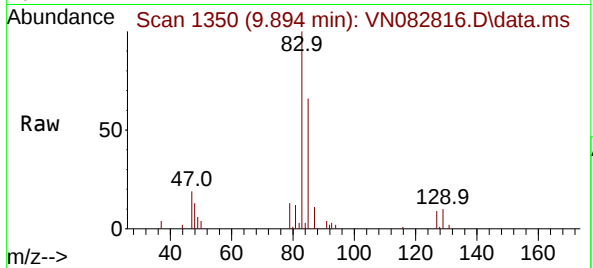
#47
Bromodichloromethane
Concen: 10.117 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 2667
Ion Ratio Lower Upper
83 100
85 65.8 51.1 76.7
127 9.1 7.2 10.8

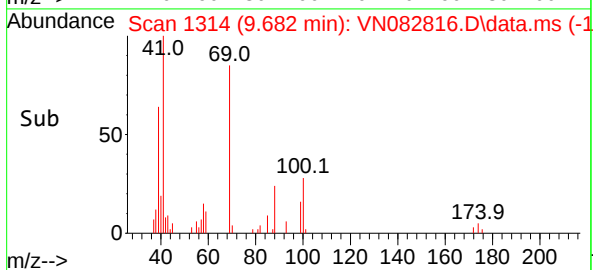
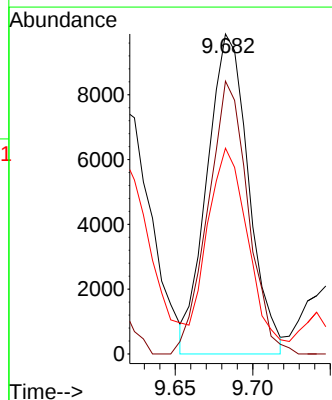
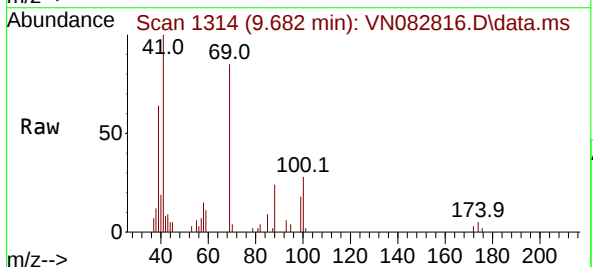
Manual Integrations
APPROVED

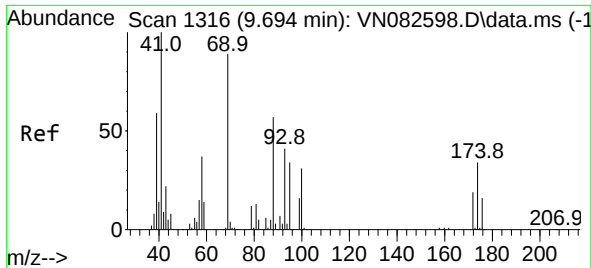
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#48
Methyl methacrylate
Concen: 10.126 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

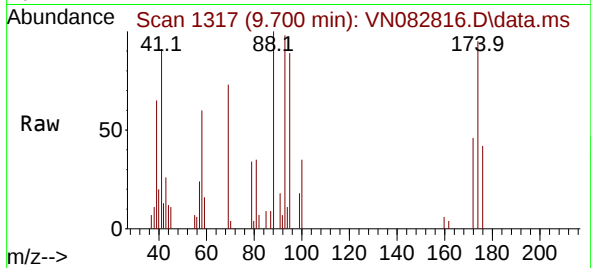
Tgt Ion: 41 Resp: 18436
Ion Ratio Lower Upper
41 100
69 82.4 56.3 84.5
39 63.6 50.3 75.5





#49
1,4-Dioxane
Concen: 205.979 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

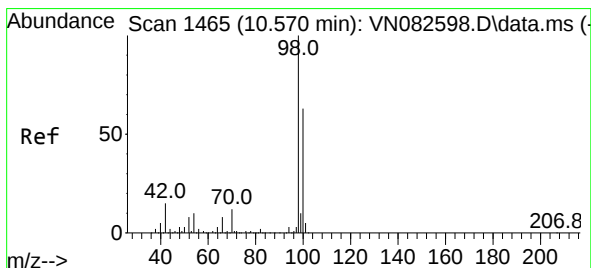
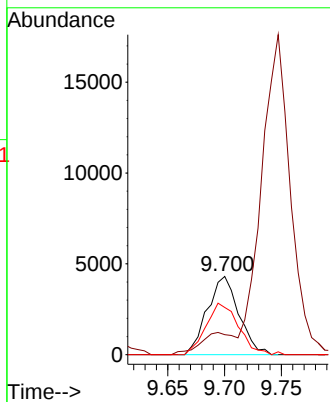
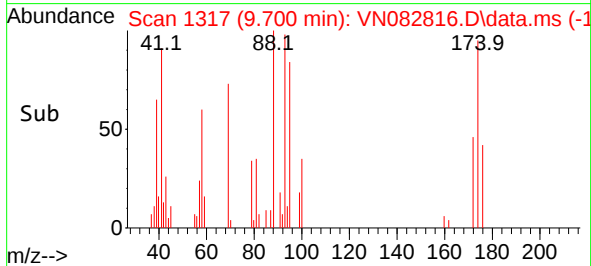
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 88 Resp: 8300
Ion Ratio Lower Upper
88 100
43 27.7 27.8 41.8
58 68.4 59.4 89.0

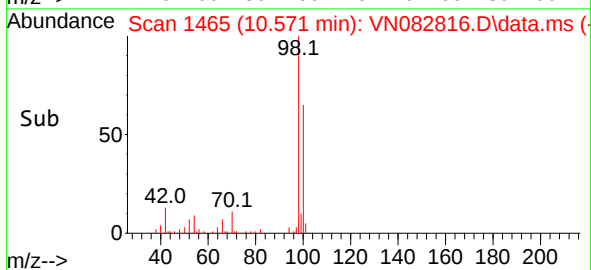
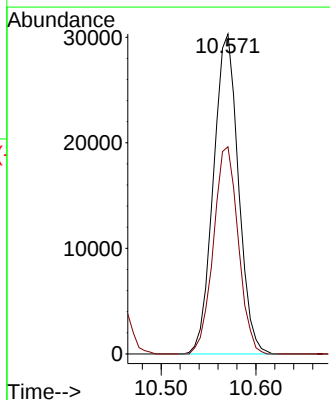
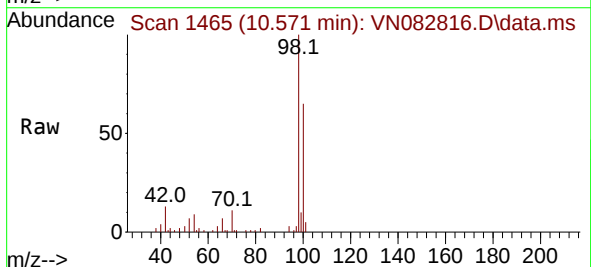
Manual Integrations
APPROVED

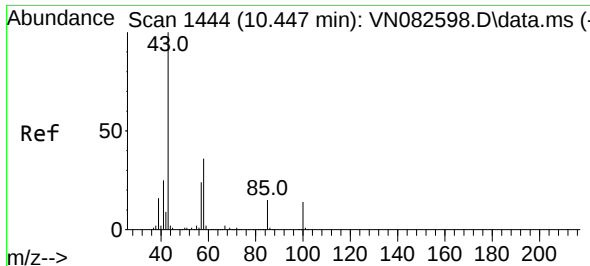
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#50
Toluene-d8
Concen: 9.105 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Tgt Ion: 98 Resp: 55629
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3





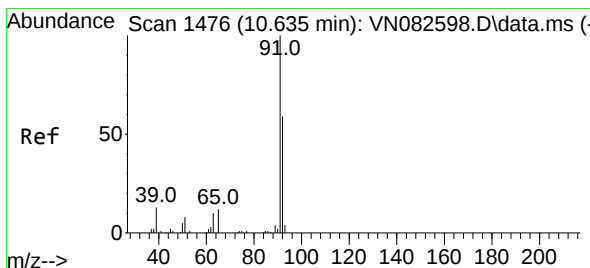
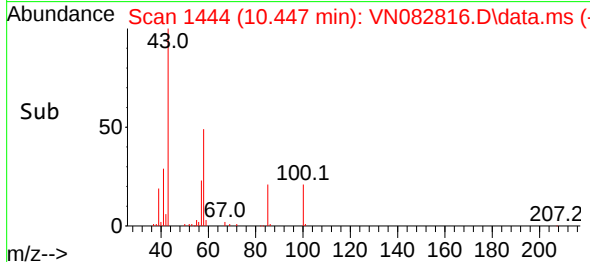
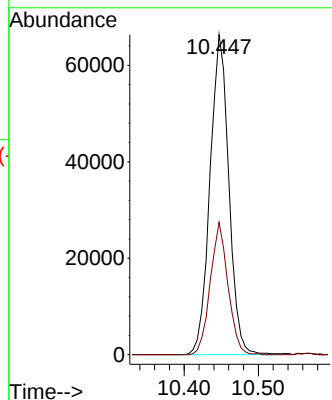
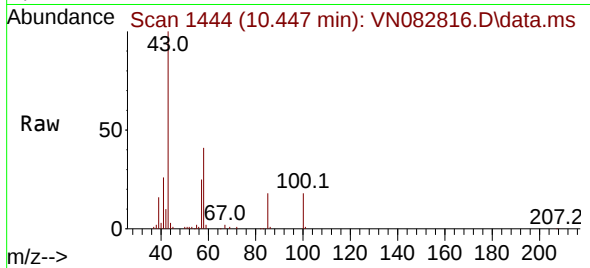
#51
4-Methyl-2-Pentanone
Concen: 50.968 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 117319
Ion Ratio Lower Upper
43 100
58 38.8 28.2 42.4

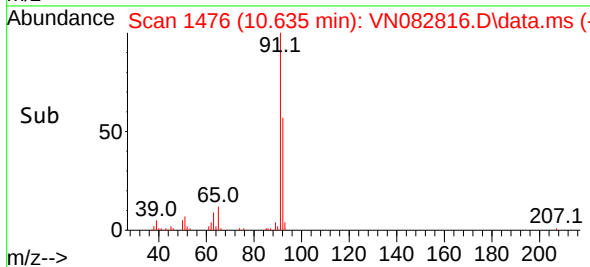
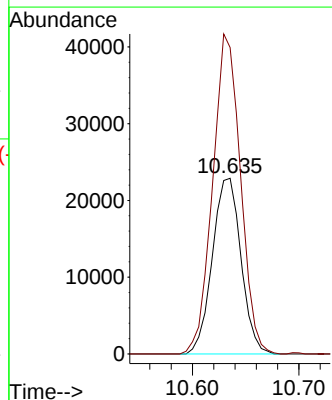
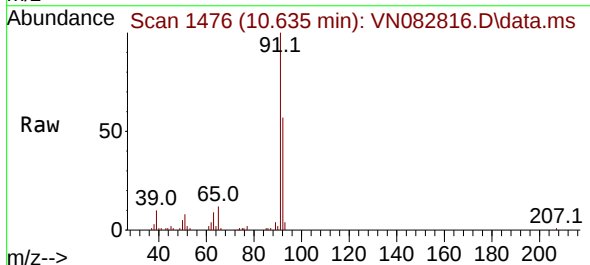
Manual Integrations
APPROVED

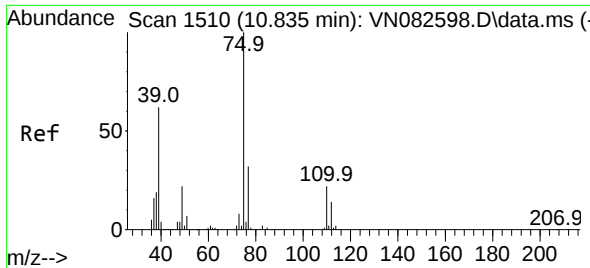
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#52
Toluene
Concen: 9.734 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

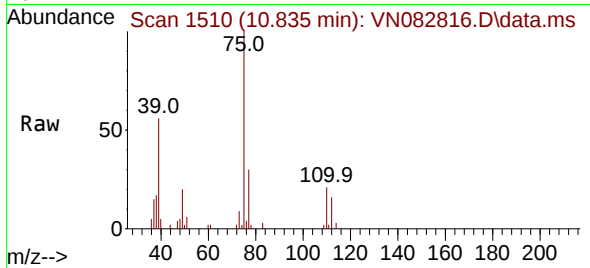
Tgt Ion: 92 Resp: 42655
Ion Ratio Lower Upper
92 100
91 177.0 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 9.947 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

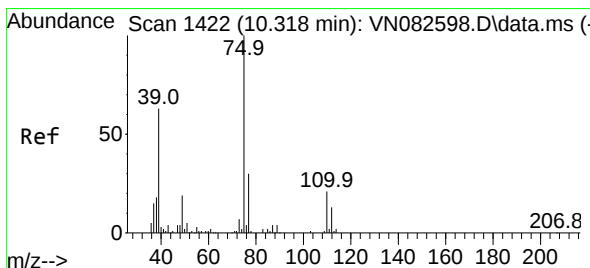
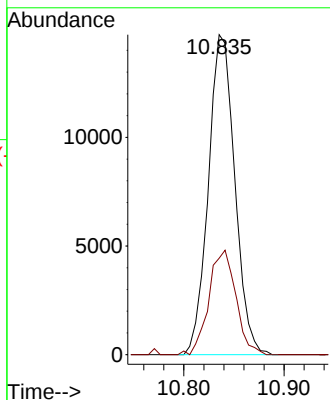
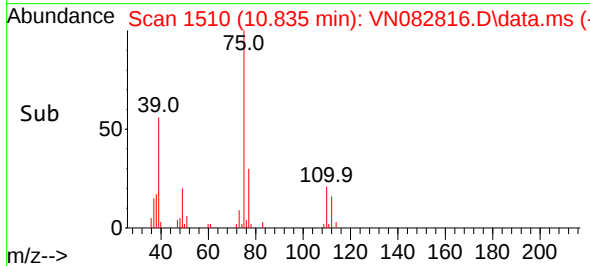
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



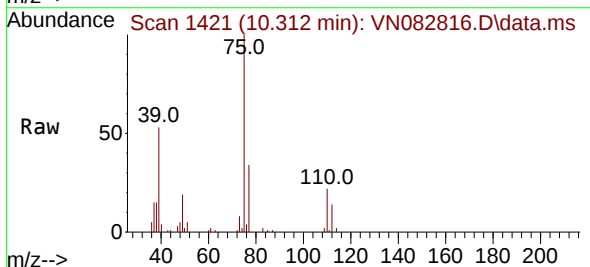
Tgt Ion: 75 Resp: 27010
Ion Ratio Lower Upper
75 100
77 30.2 25.7 38.5

Manual Integrations
APPROVED

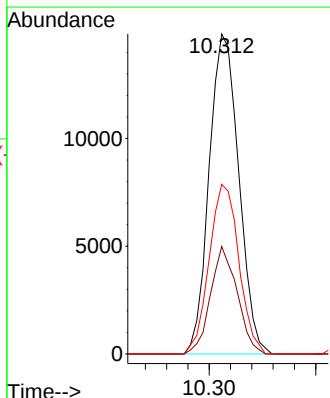
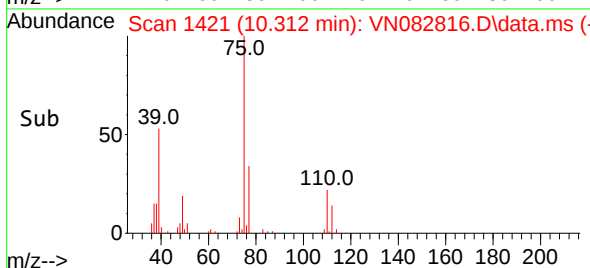
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

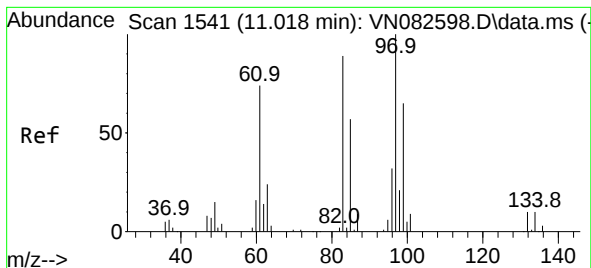


#54
cis-1,3-Dichloropropene
Concen: 9.970 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58



Tgt Ion: 75 Resp: 28660
Ion Ratio Lower Upper
75 100
77 33.6 24.3 36.5
39 53.0 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 10.164 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 16379

Ion Ratio Lower Upper

97 100

83 94.8 71.4 107.0

85 52.1 45.8 68.6

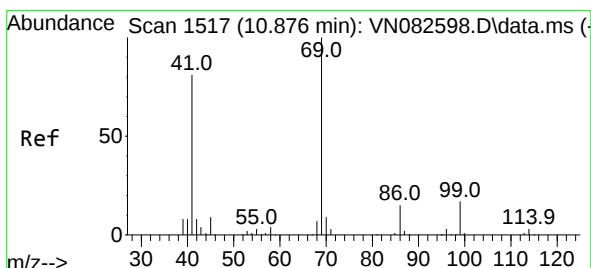
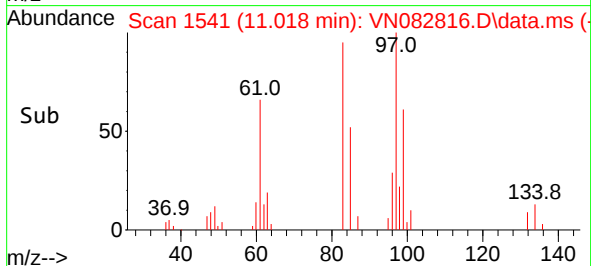
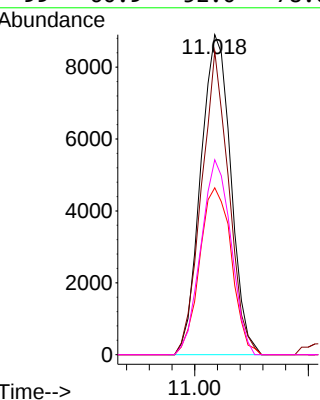
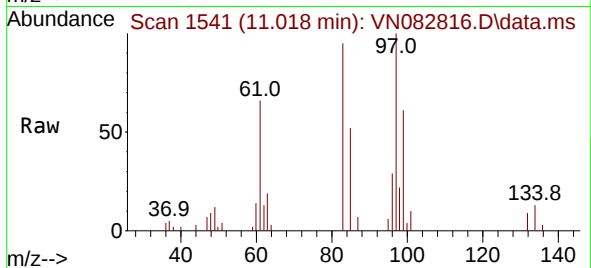
99 60.9 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#56

Ethyl methacrylate

Concen: 9.939 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

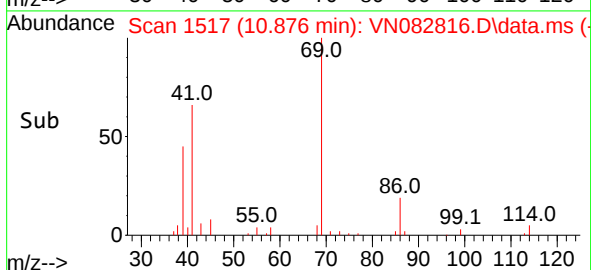
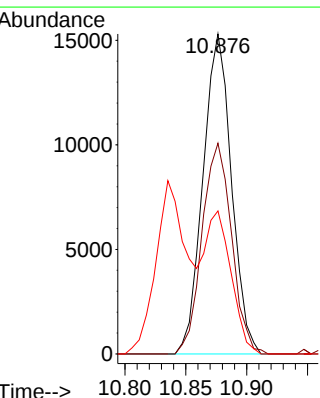
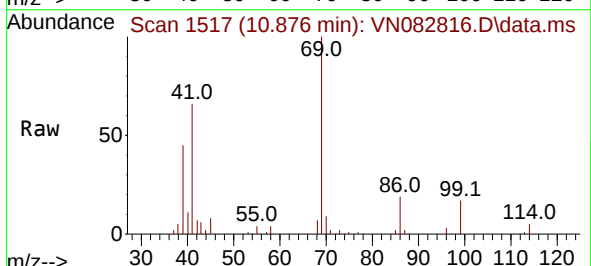
Tgt Ion: 69 Resp: 24916

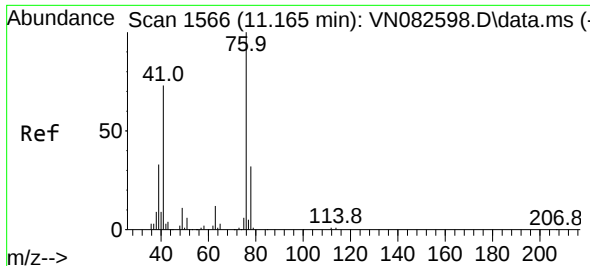
Ion Ratio Lower Upper

69 100

41 68.3 63.4 95.2

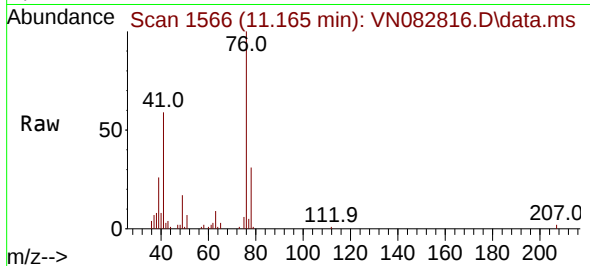
39 42.0 37.4 56.0





#57
1,3-Dichloropropane
Concen: 10.005 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

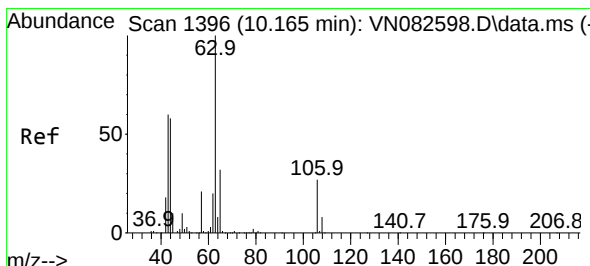
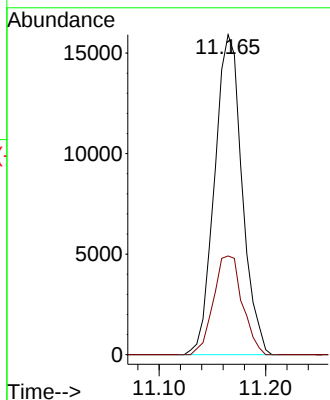
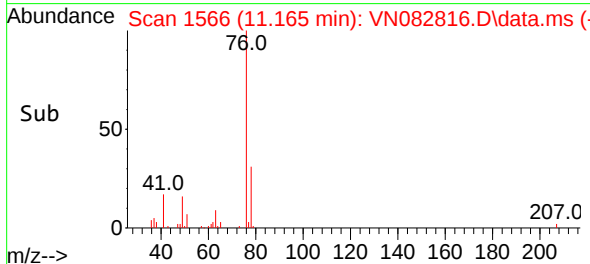
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 2853
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4

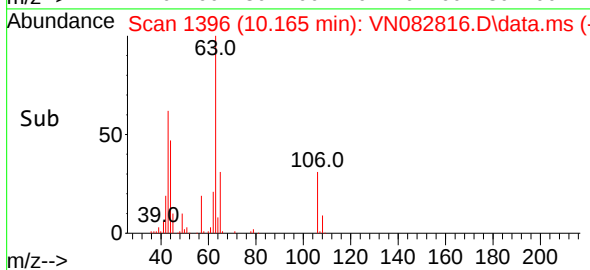
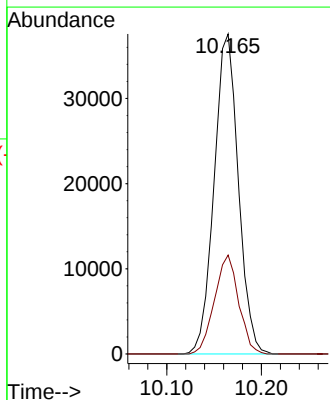
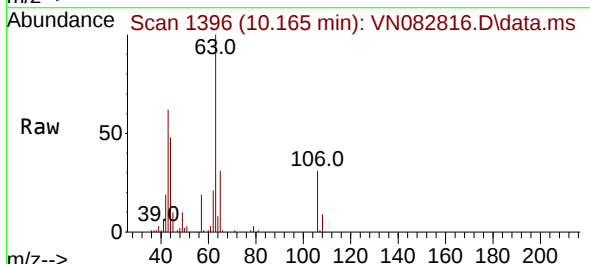
Manual Integrations
APPROVED

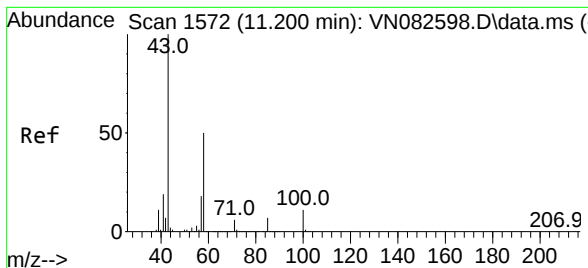
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#58
2-Chloroethyl Vinyl ether
Concen: 51.884 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

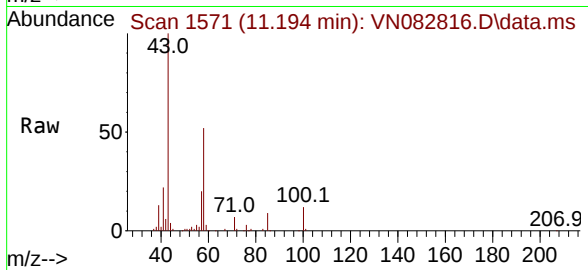
Tgt Ion: 63 Resp: 66744
Ion Ratio Lower Upper
63 100
106 30.8 21.4 32.0





#59
2-Hexanone
Concen: 51.000 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

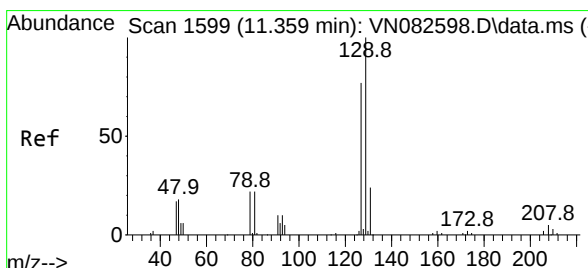
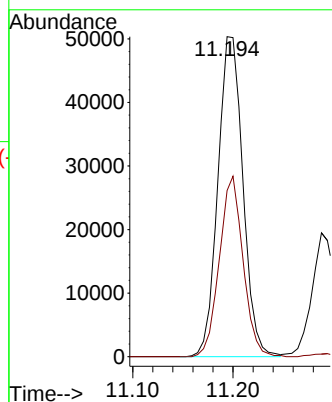
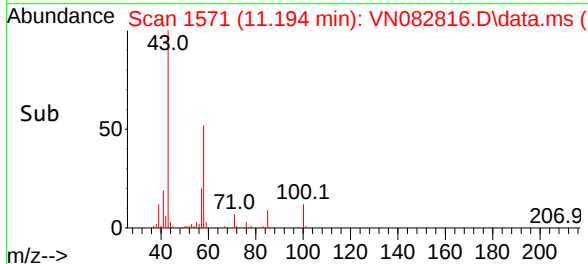
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



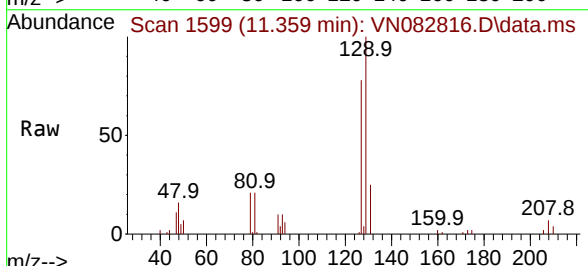
Tgt Ion: 43 Resp: 87280
Ion Ratio Lower Upper
43 100
58 53.3 24.6 73.8

Manual Integrations
APPROVED

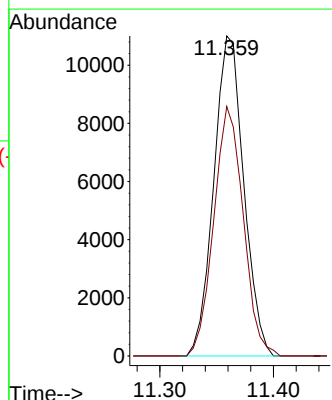
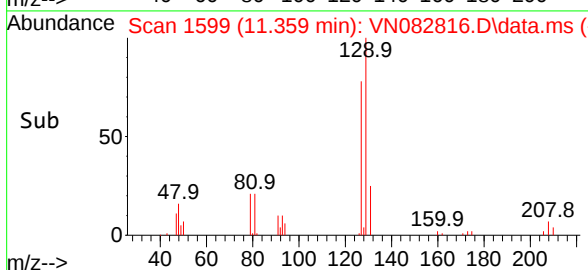
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

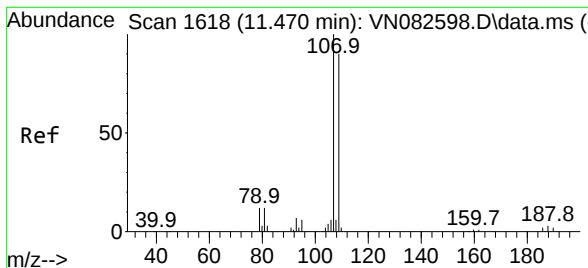


#60
Dibromochloromethane
Concen: 9.845 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58



Tgt Ion:129 Resp: 20206
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6





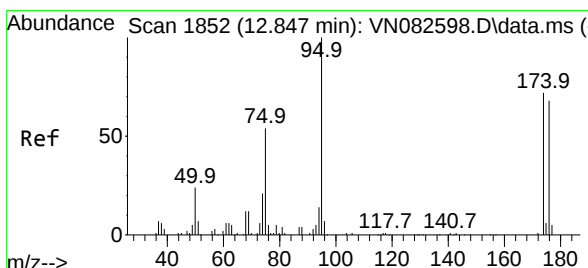
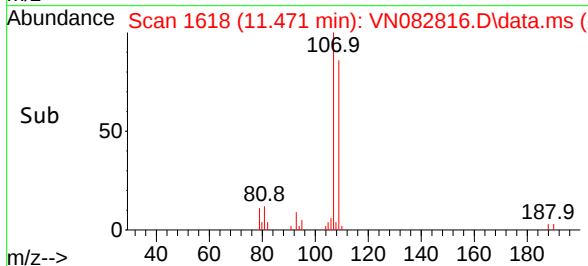
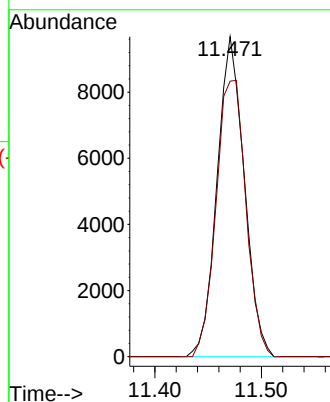
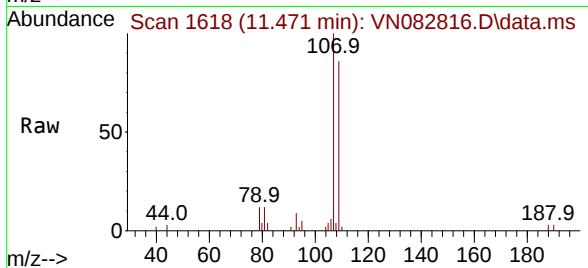
#61
1,2-Dibromoethane
Concen: 10.010 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 17130
Ion Ratio Lower Upper
107 100
109 94.9 73.7 110.5

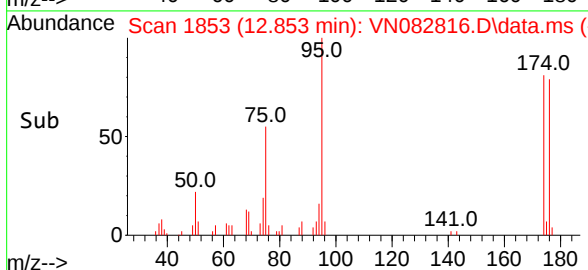
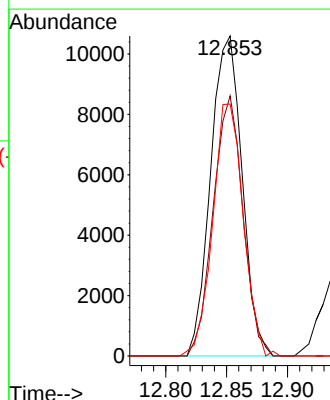
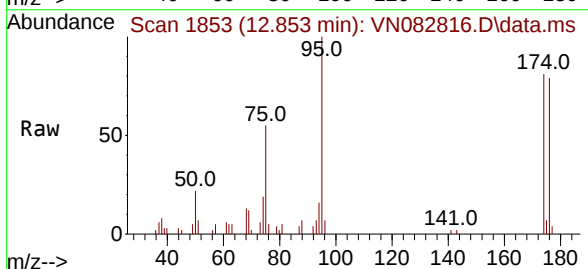
Manual Integrations
APPROVED

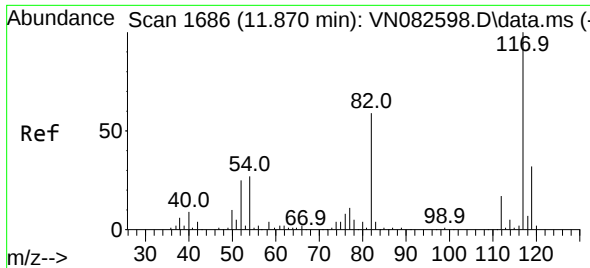
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#62
4-Bromofluorobenzene
Concen: 8.651 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

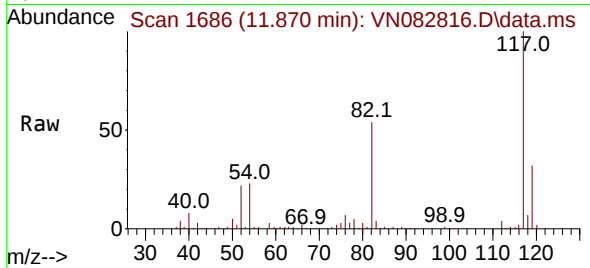
Tgt Ion: 95 Resp: 18985
Ion Ratio Lower Upper
95 100
174 77.2 0.0 159.2
176 76.5 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

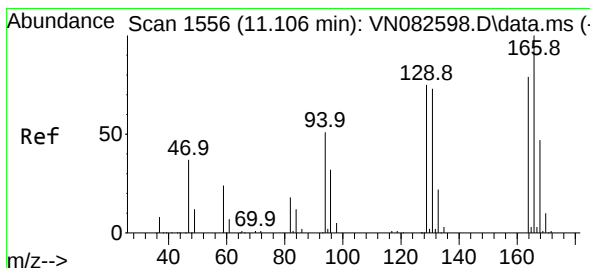
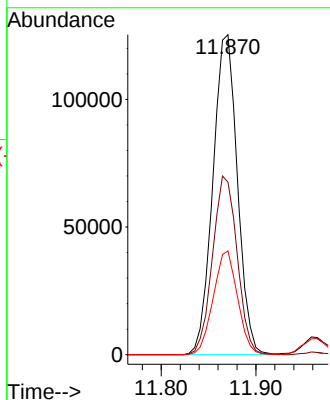
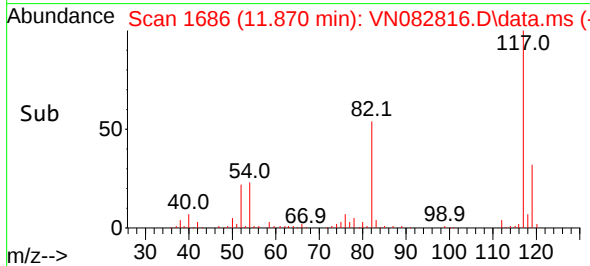
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 22588
Ion Ratio Lower Upper
117 100
82 53.9 47.5 71.3
119 32.5 25.6 38.4

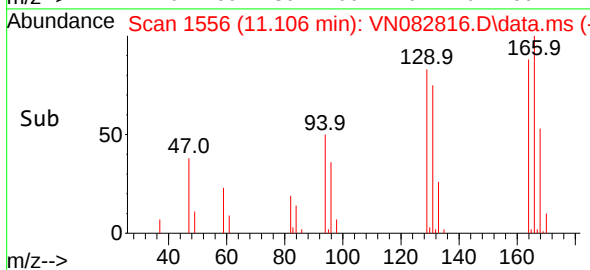
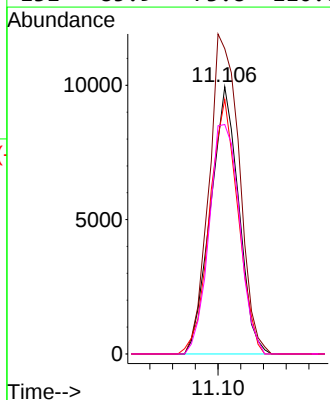
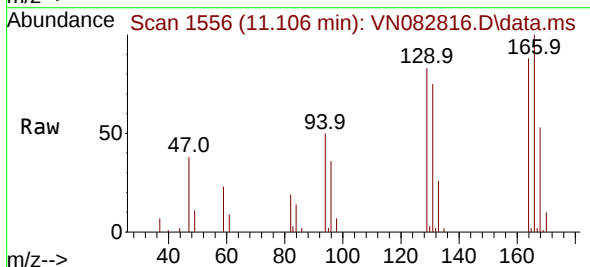
Manual Integrations
APPROVED

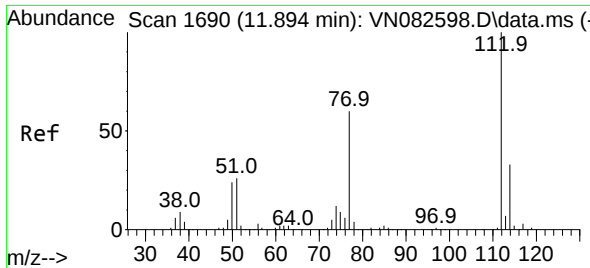
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#64
Tetrachloroethene
Concen: 10.150 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Tgt Ion:164 Resp: 17106
Ion Ratio Lower Upper
164 100
166 114.3 101.4 152.0
129 95.3 75.7 113.5
131 85.9 73.8 110.6





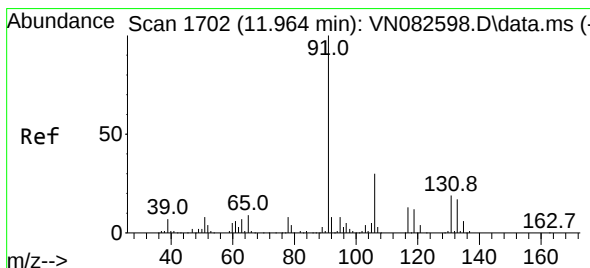
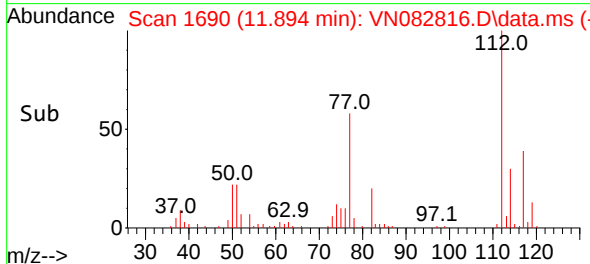
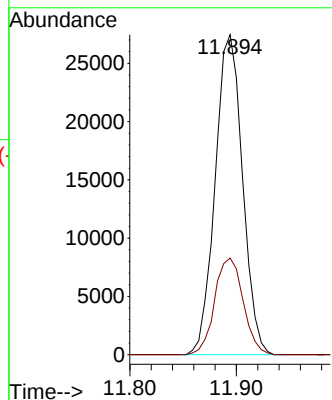
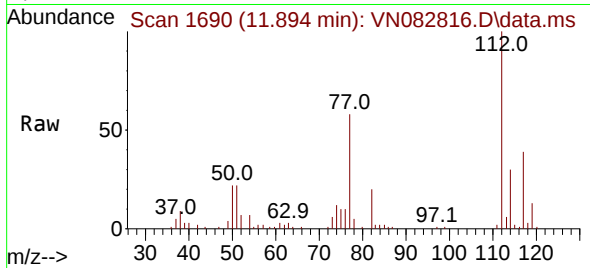
#65
Chlorobenzene
Concen: 10.105 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 4891
Ion Ratio Lower Upper
112 100
114 30.2 26.2 39.2

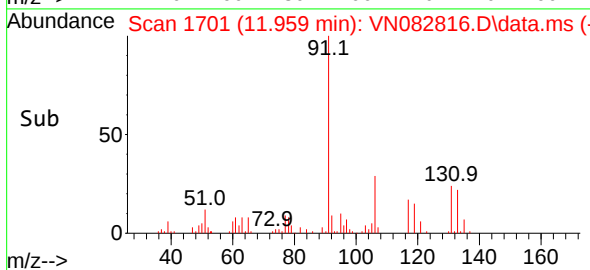
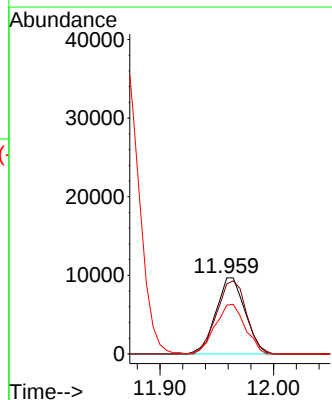
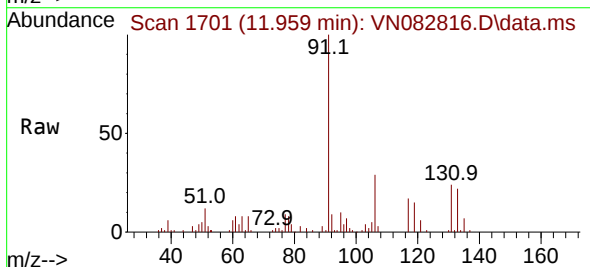
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 10.013 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Tgt Ion:131 Resp: 17240
Ion Ratio Lower Upper
131 100
133 98.5 47.3 142.0
119 67.0 32.5 97.4





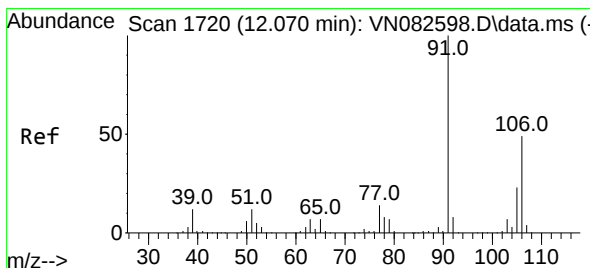
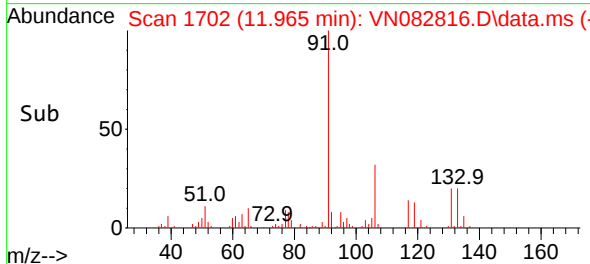
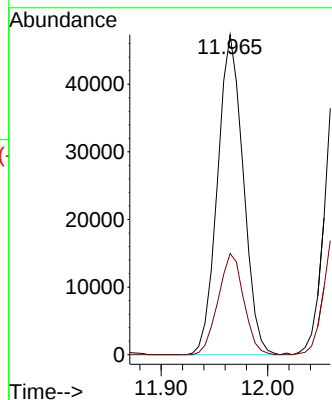
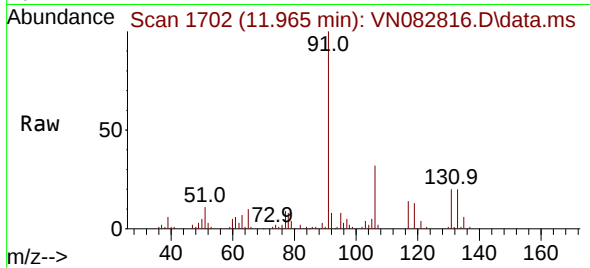
#67
Ethyl Benzene
Concen: 9.747 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 7929
Ion Ratio Lower Upper
91 100
106 31.6 24.0 36.0

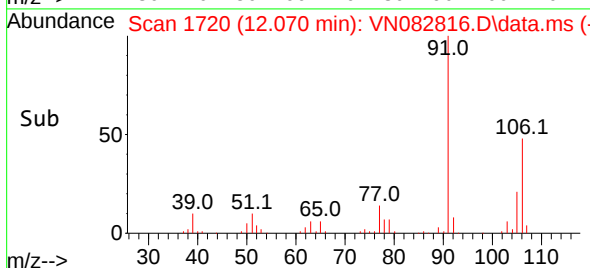
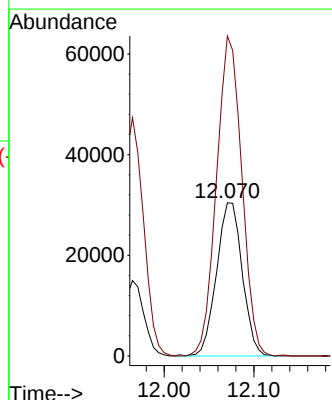
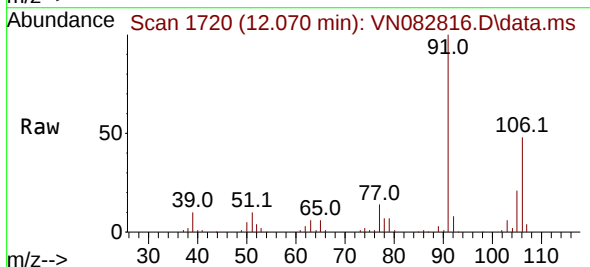
Manual Integrations
APPROVED

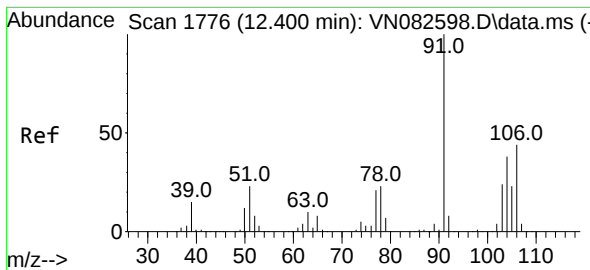
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#68
m/p-Xylenes
Concen: 19.693 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Tgt Ion:106 Resp: 60484
Ion Ratio Lower Upper
106 100
91 206.2 166.1 249.1





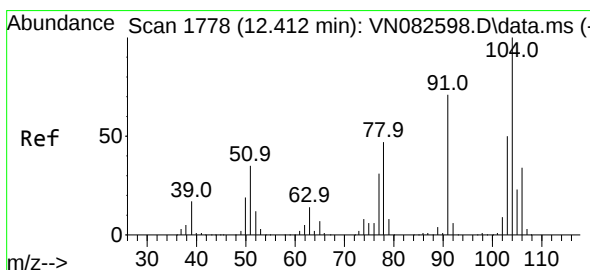
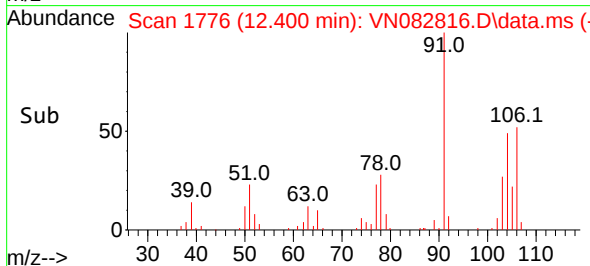
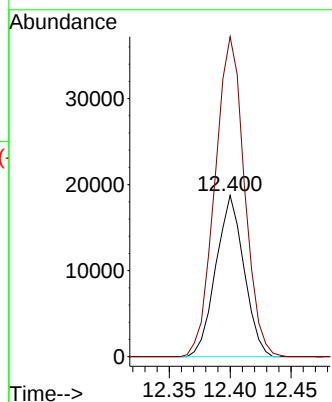
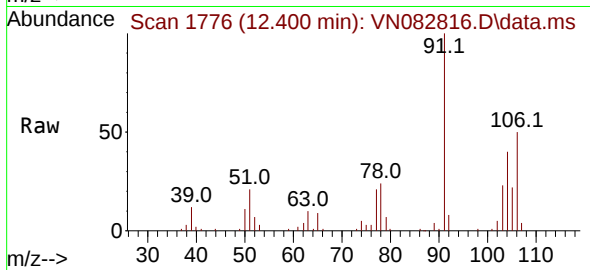
#69
o-Xylene
Concen: 10.232 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 3011
Ion Ratio Lower Upper
106 100
91 208.1 111.3 333.9

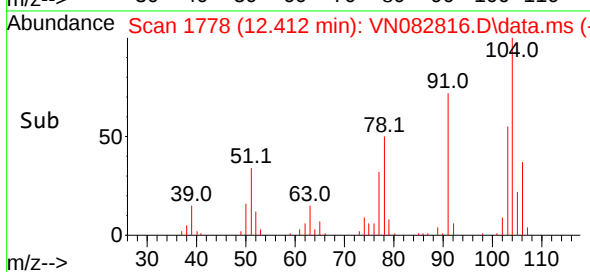
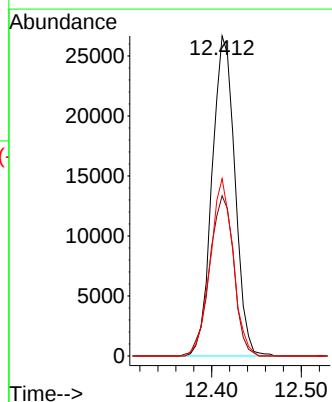
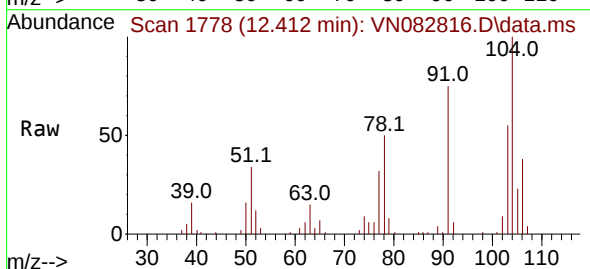
Manual Integrations
APPROVED

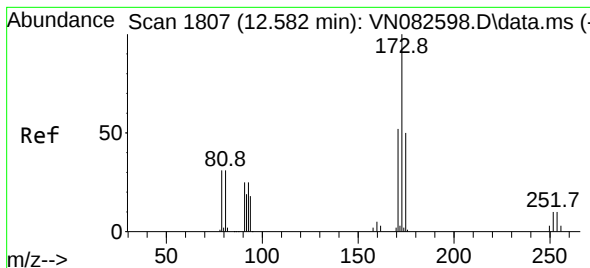
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#70
Styrene
Concen: 9.705 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Tgt Ion:104 Resp: 47190
Ion Ratio Lower Upper
104 100
78 52.8 41.6 62.4
103 55.3 44.0 66.0





#71

Bromoform

Concen: 10.162 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

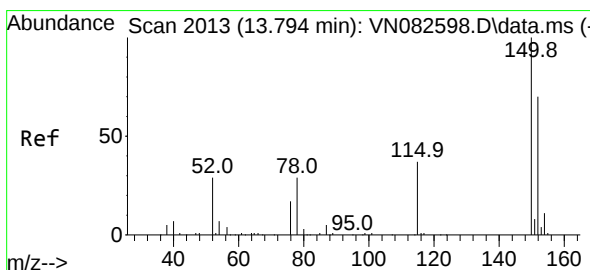
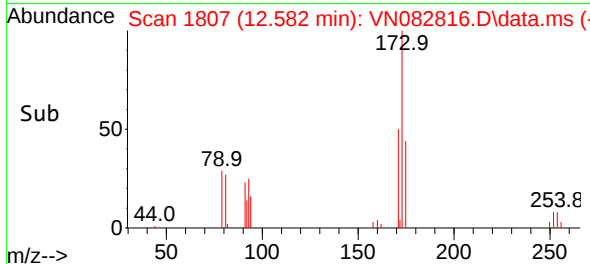
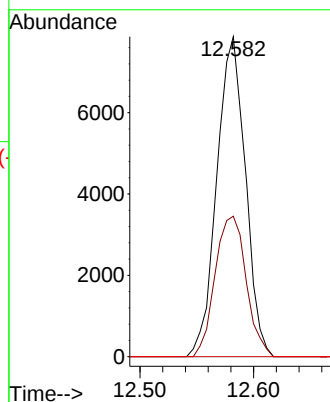
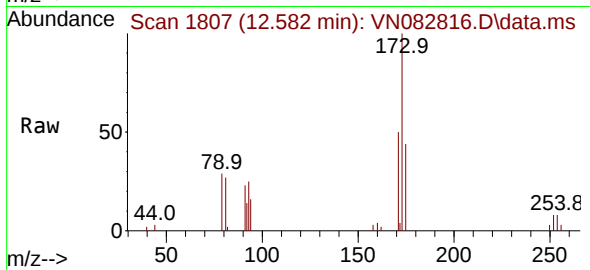
Tgt Ion:173 Resp: 13759
 Ion Ratio Lower Upper
 173 100
 175 47.6 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

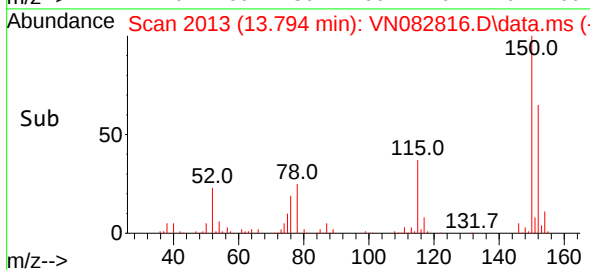
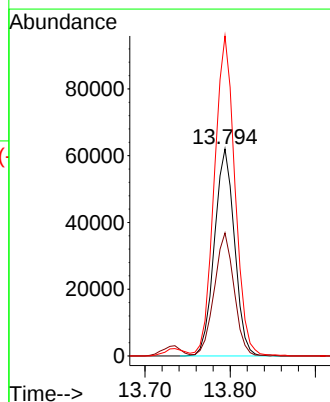
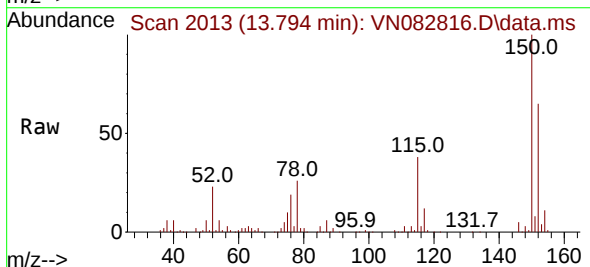
RT: 13.794 min Scan# 2013

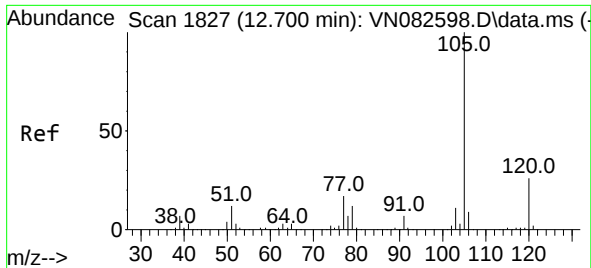
Delta R.T. -0.000 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

Tgt Ion:152 Resp: 101665
 Ion Ratio Lower Upper
 152 100
 115 58.7 30.6 91.6
 150 158.5 0.0 348.6





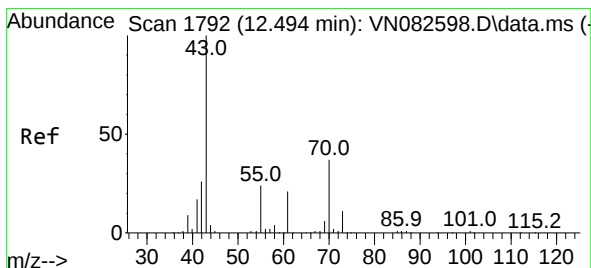
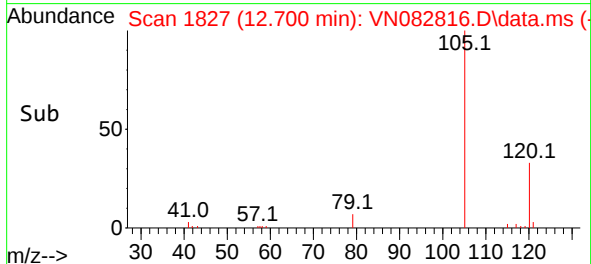
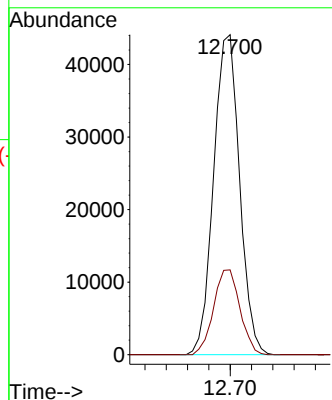
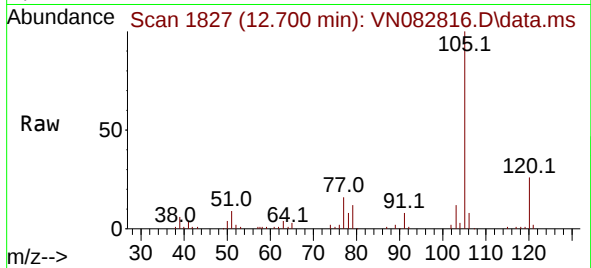
#73
Isopropylbenzene
Concen: 10.087 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 74520
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.6

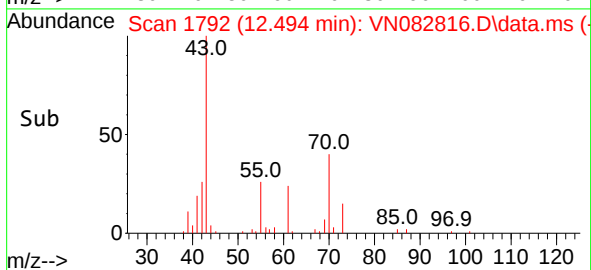
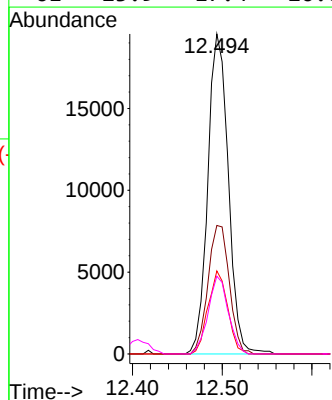
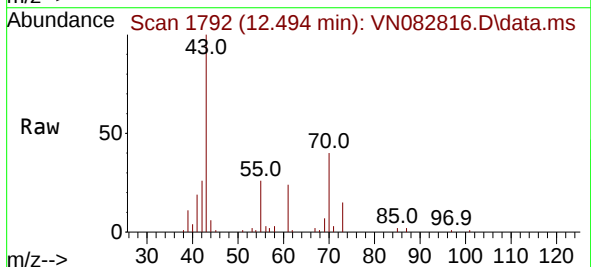
Manual Integrations
APPROVED

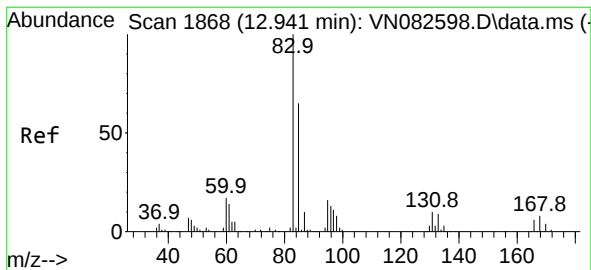
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#74
N-ethyl acetate
Concen: 10.149 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

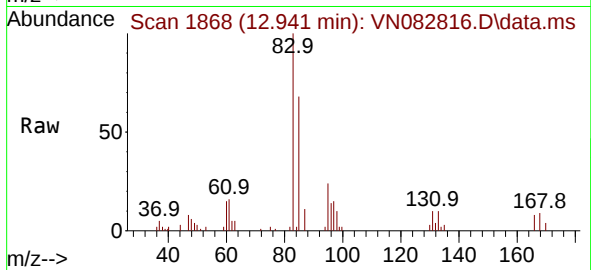
Tgt Ion: 43 Resp: 31013
Ion Ratio Lower Upper
43 100
70 41.9 29.8 44.6
55 24.7 18.7 28.1
61 23.9 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 10.025 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

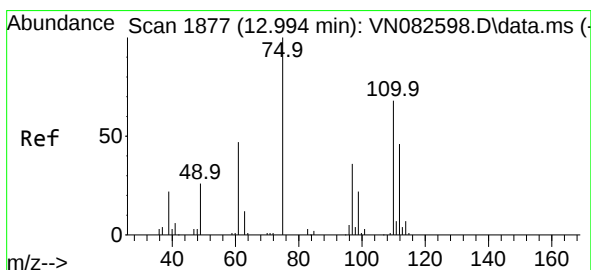
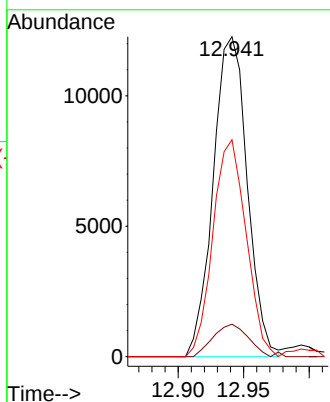
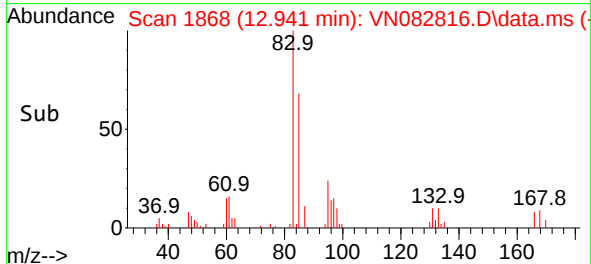
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 83 Resp: 2218
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 65.8 31.9 95.7

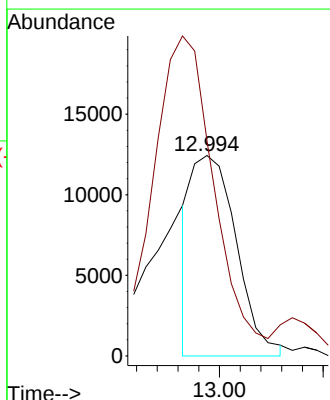
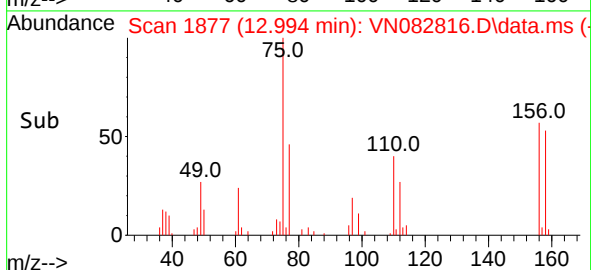
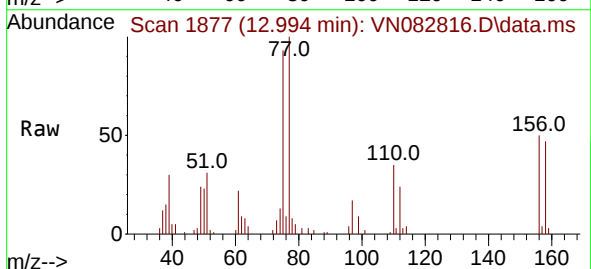
Manual Integrations
APPROVED

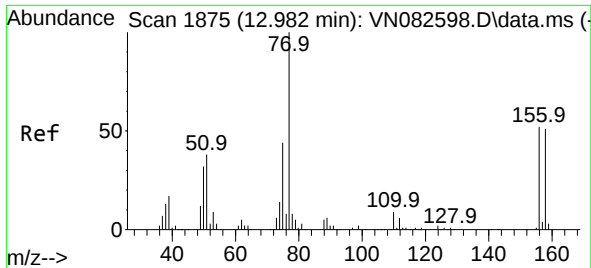
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#76
1,2,3-Trichloropropane
Concen: 9.311 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

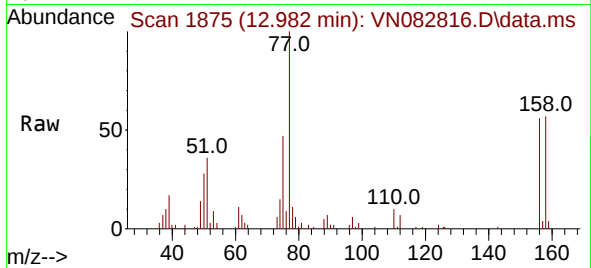
Tgt Ion: 75 Resp: 18724
Ion Ratio Lower Upper
75 100
77 217.9 110.9 332.6





#77
Bromobenzene
Concen: 9.895 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

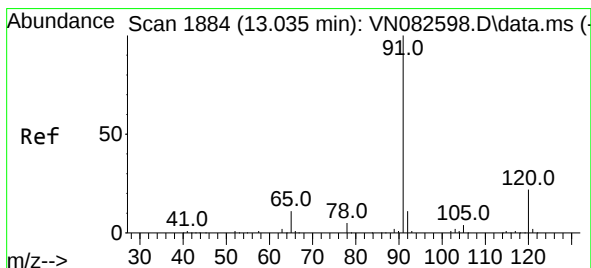
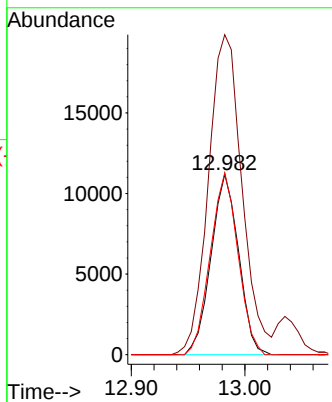
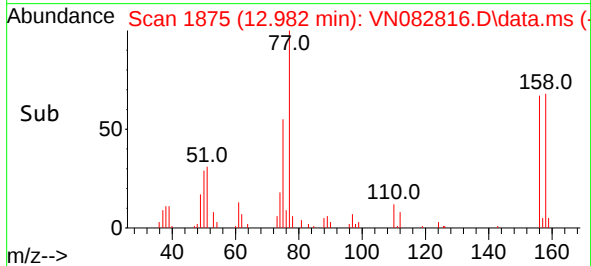
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



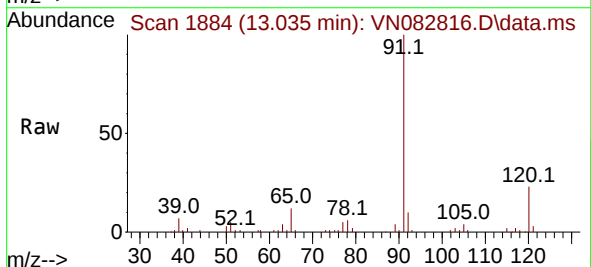
Tgt Ion:156 Resp: 1885
Ion Ratio Lower Upper
156 100
77 216.3 111.3 333.8
158 101.4 48.3 144.9

Manual Integrations
APPROVED

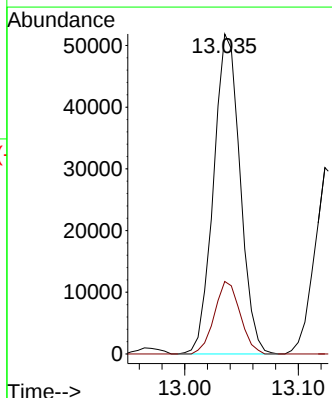
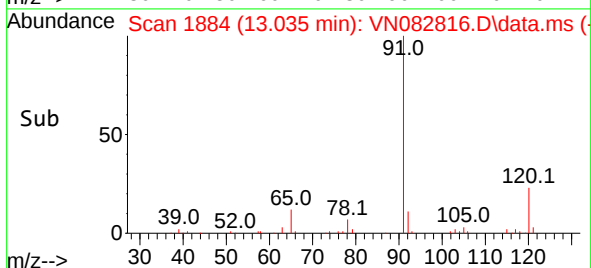
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

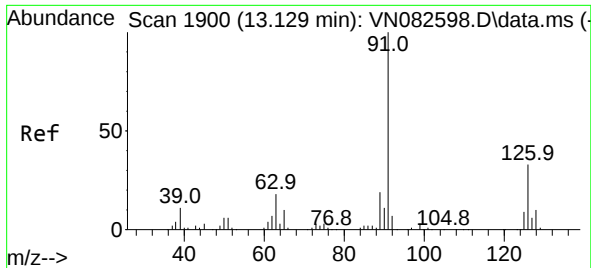


#78
n-propylbenzene
Concen: 9.919 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58



Tgt Ion: 91 Resp: 84252
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.9





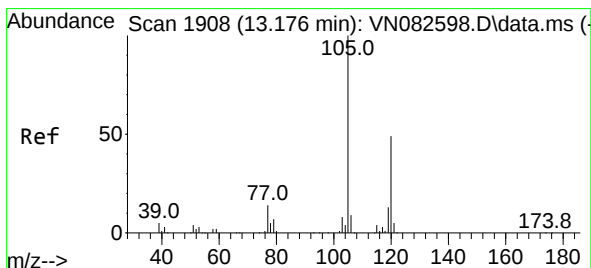
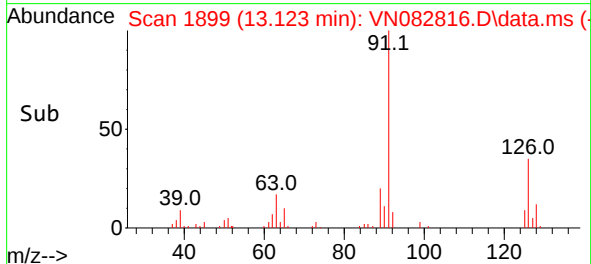
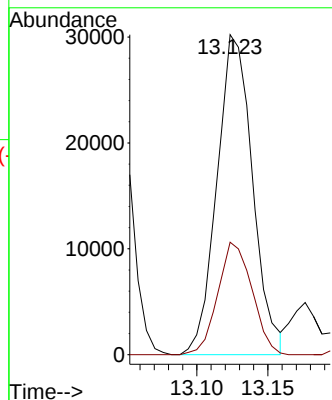
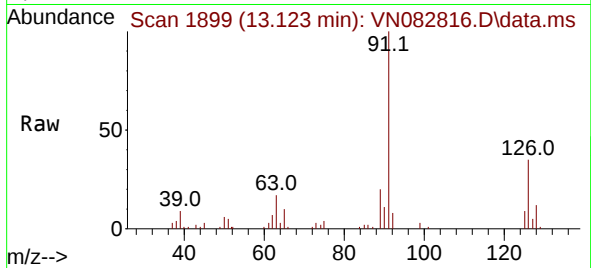
#79
2-Chlorotoluene
Concen: 9.743 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 52729
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6

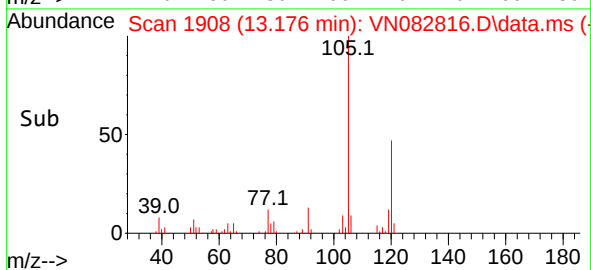
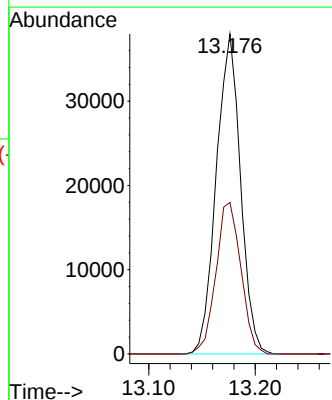
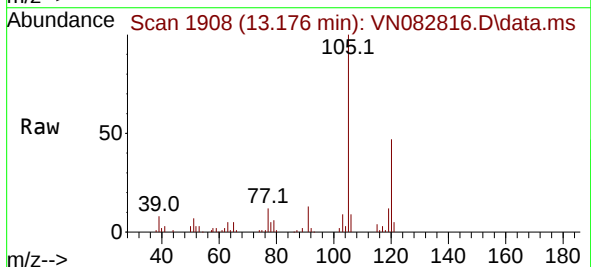
Manual Integrations
APPROVED

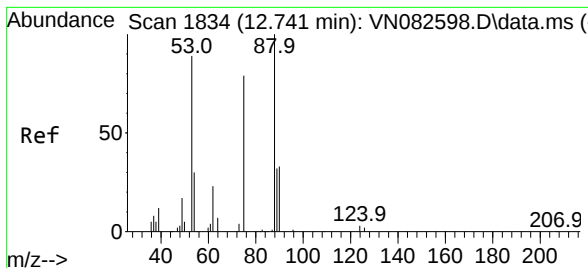
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#80
1,3,5-Trimethylbenzene
Concen: 10.032 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Tgt Ion:105 Resp: 59907
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8





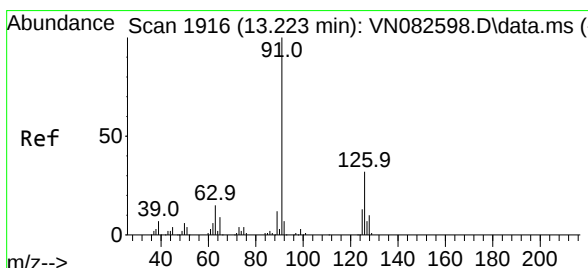
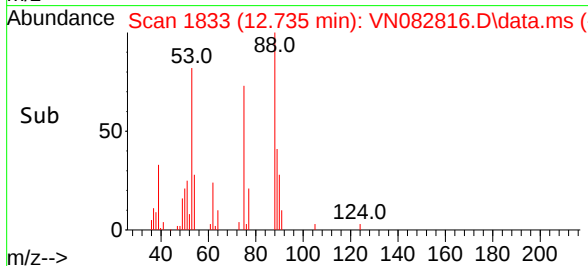
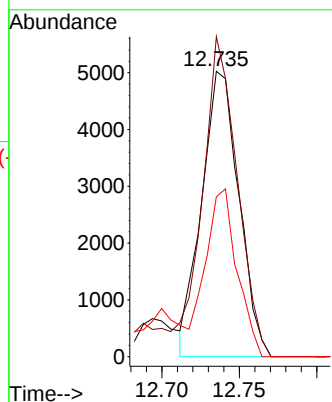
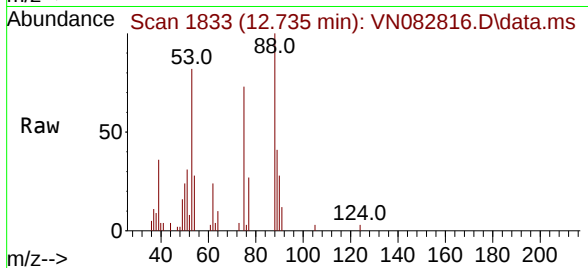
#81
trans-1,4-Dichloro-2-butene
Concen: 9.413 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument : MSVOA_N
ClientSampleId : VSTDIC010

Tgt Ion: 75 Resp: 8389
Ion Ratio Lower Upper
75 100
53 105.2 88.4 132.6
89 49.7 36.3 54.5

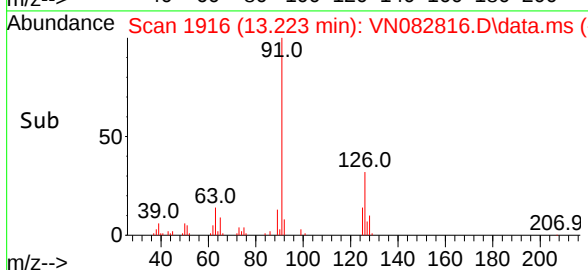
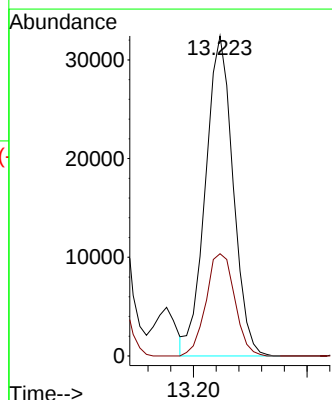
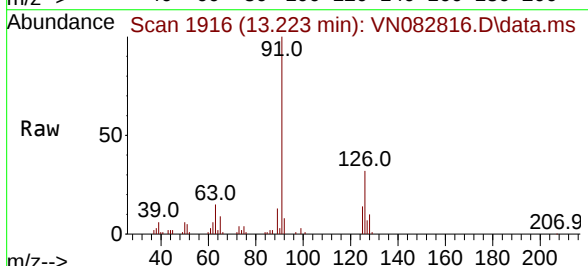
Manual Integrations
APPROVED

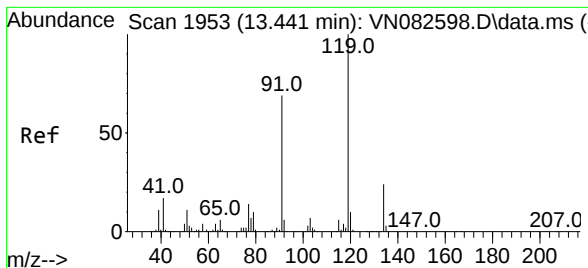
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#82
4-Chlorotoluene
Concen: 10.213 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

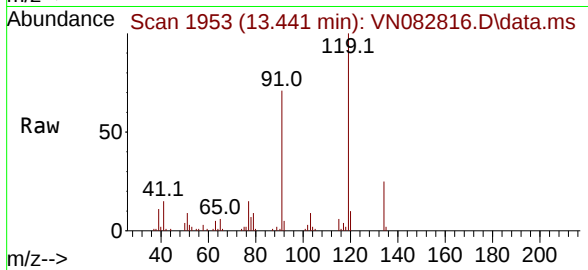
Tgt Ion: 91 Resp: 54707
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6





#83
tert-Butylbenzene
Concen: 9.753 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

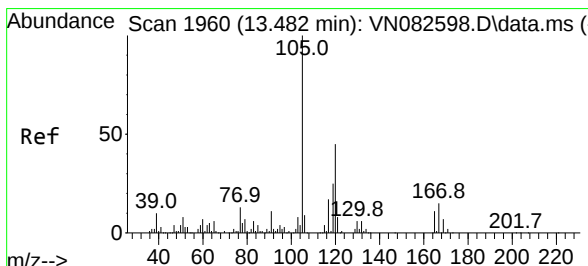
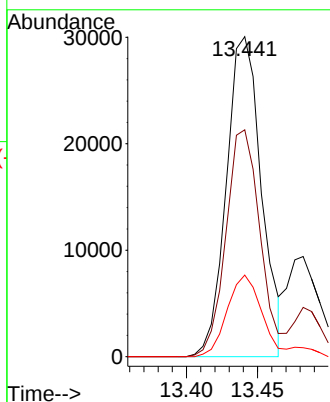
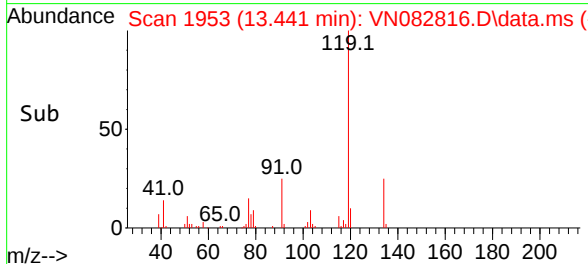
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



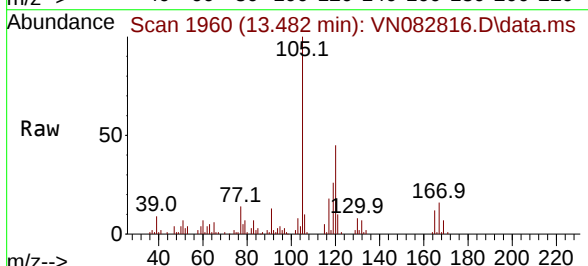
Tgt Ion:119 Resp: 51630
Ion Ratio Lower Upper
119 100
91 69.8 35.0 105.1
134 25.0 13.3 39.8

Manual Integrations
APPROVED

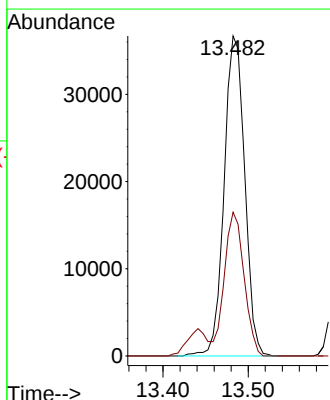
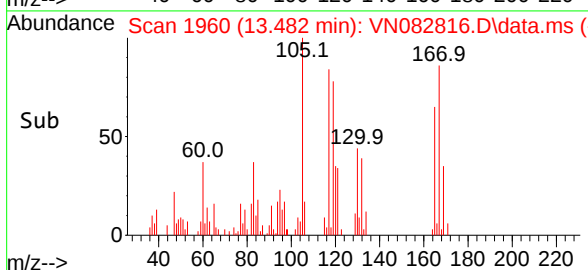
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

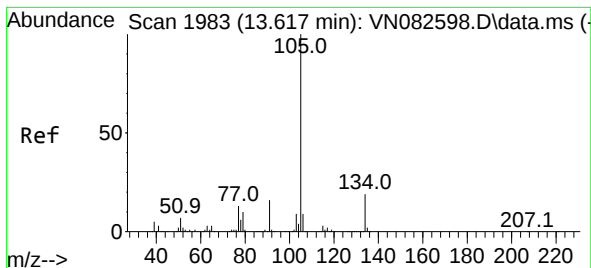


#84
1,2,4-Trimethylbenzene
Concen: 10.109 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58



Tgt Ion:105 Resp: 61527
Ion Ratio Lower Upper
105 100
120 42.7 21.9 65.8





#85

sec-Butylbenzene

Concen: 9.893 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:105 Resp: 7077

Ion Ratio Lower Upper

105 100

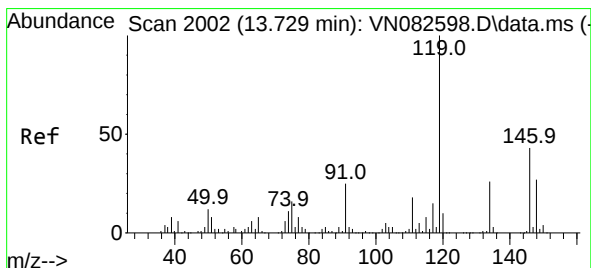
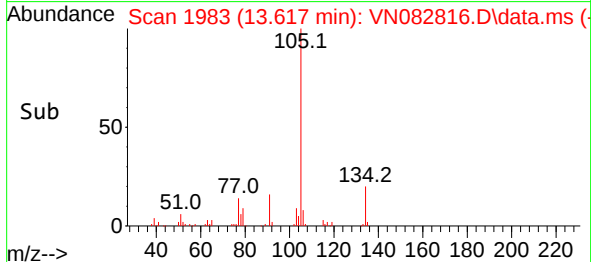
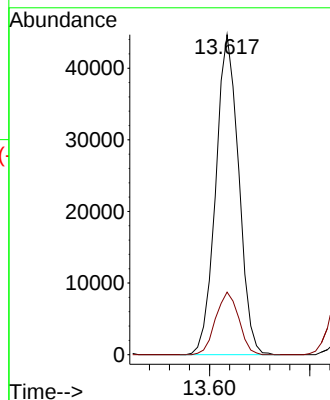
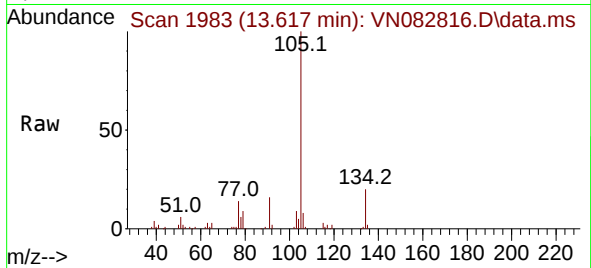
134 19.7 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#86

p-Isopropyltoluene

Concen: 9.788 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

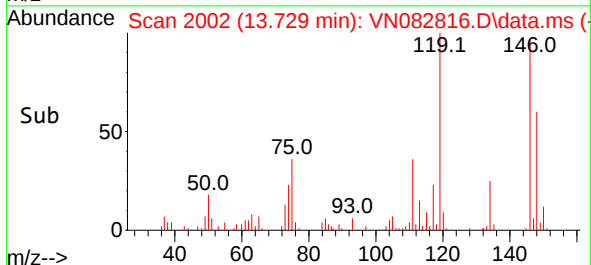
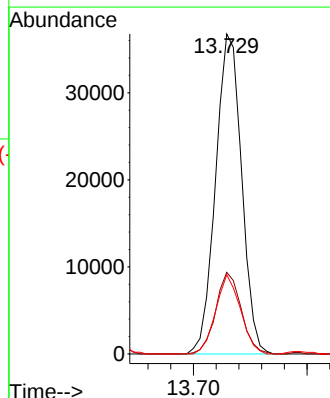
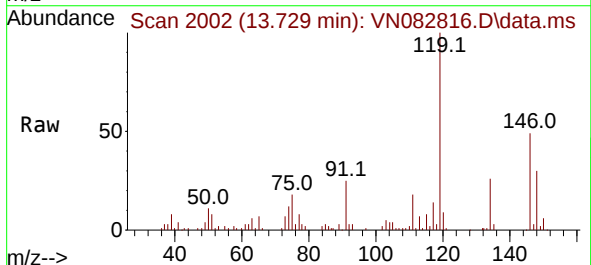
Tgt Ion:119 Resp: 58424

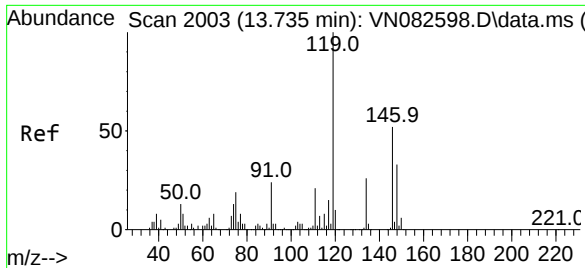
Ion Ratio Lower Upper

119 100

134 24.9 13.0 39.0

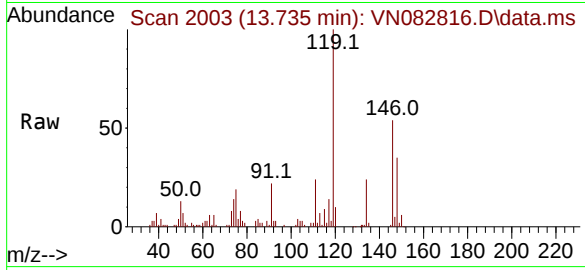
91 23.6 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 9.798 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082816.D
 Acq: 08 Jul 2024 11:58

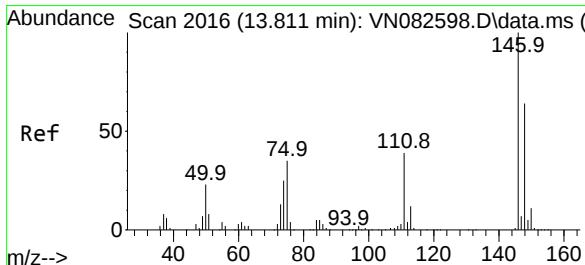
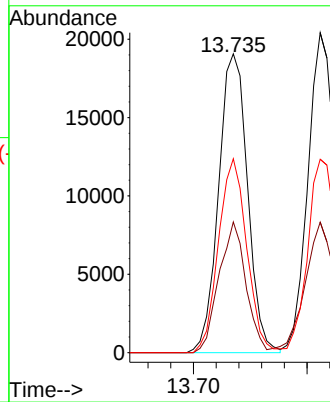
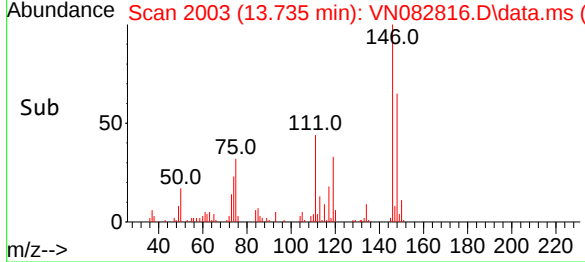
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



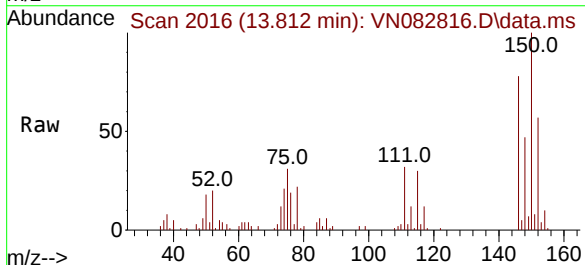
Tgt Ion:146 Resp: 3373
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.9
 148 63.5 31.8 95.3

Manual Integrations
 APPROVED

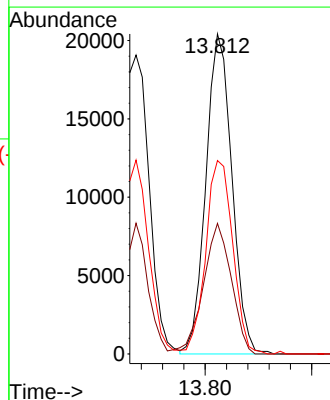
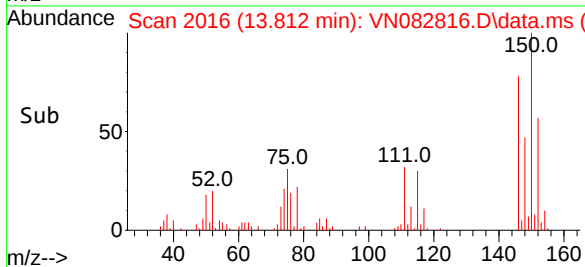
Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024

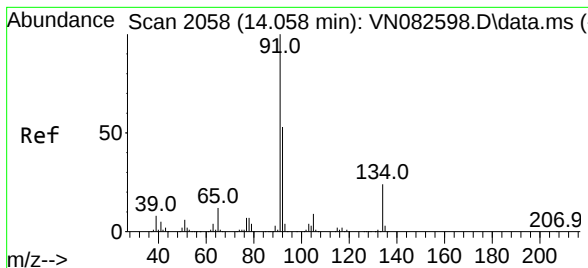


#88
 1,4-Dichlorobenzene
 Concen: 10.049 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.001 min
 Lab File: VN082816.D
 Acq: 08 Jul 2024 11:58



Tgt Ion:146 Resp: 34718
 Ion Ratio Lower Upper
 146 100
 111 43.7 20.1 60.3
 148 62.8 32.2 96.6





#89

n-Butylbenzene

Concen: 9.295 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

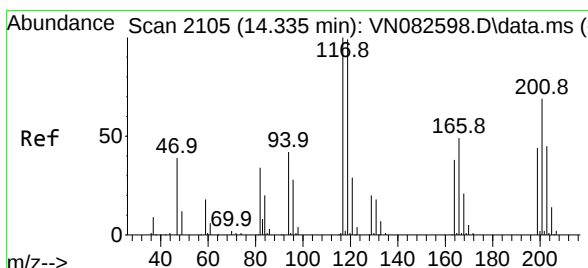
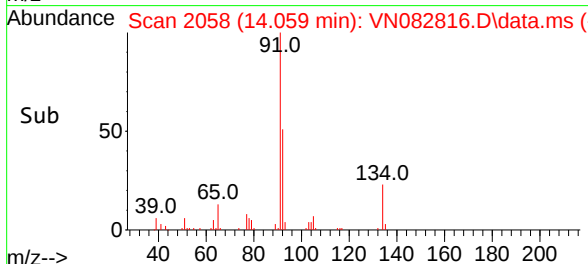
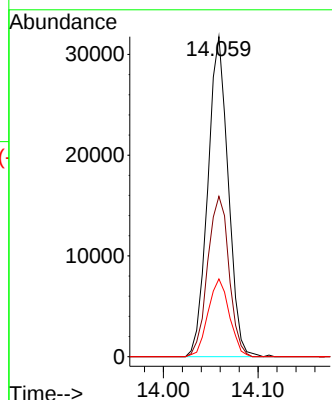
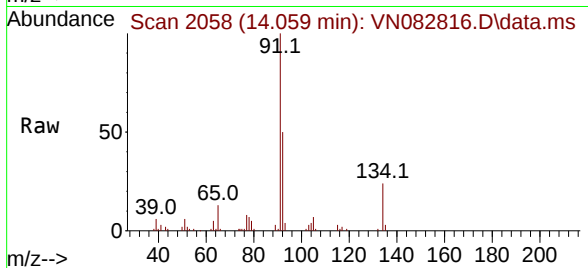
Tgt Ion:	91	Resp:	47529
Ion Ratio	Lower	Upper	
91	100		
92	52.4	26.1	78.3
134	25.4	12.1	36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#90

Hexachloroethane

Concen: 10.139 ug/l

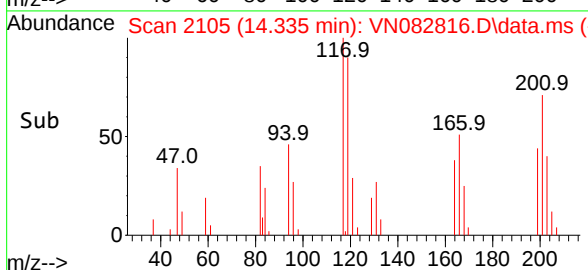
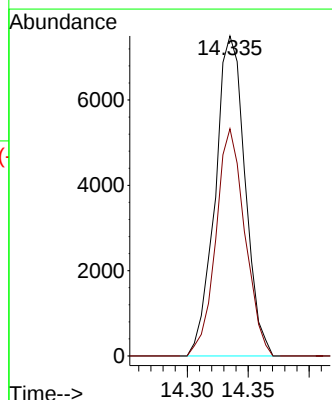
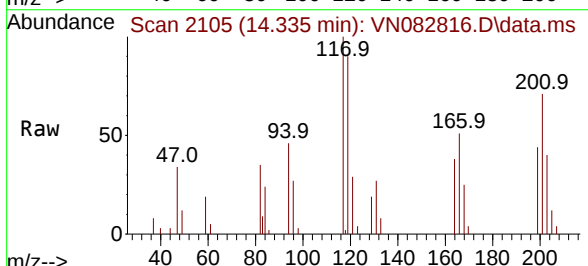
RT: 14.335 min Scan# 2105

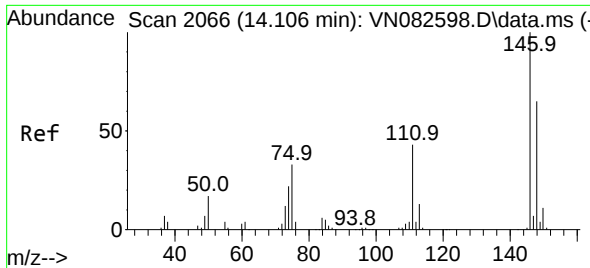
Delta R.T. 0.000 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

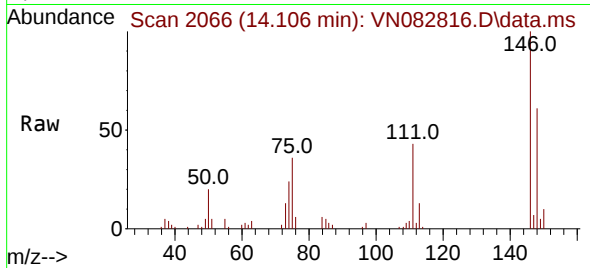
Tgt Ion:	117	Resp:	12805
Ion Ratio	Lower	Upper	
117	100		
201	69.0	35.8	107.3





#91
1,2-Dichlorobenzene
Concen: 10.004 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

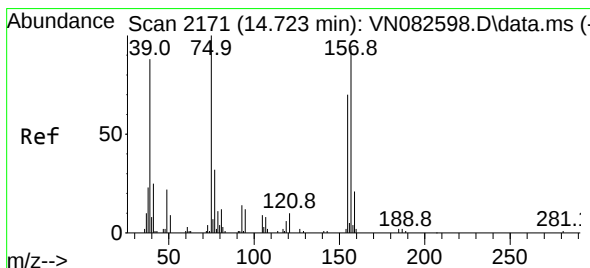
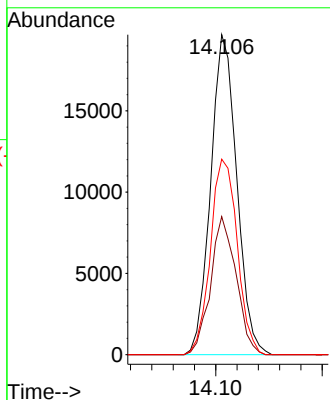
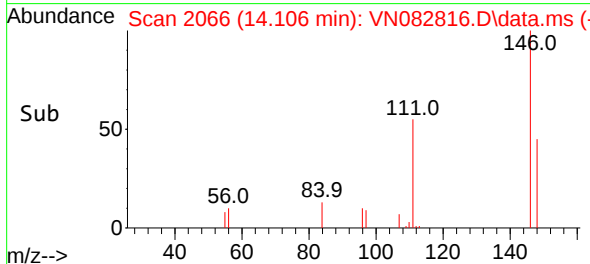
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



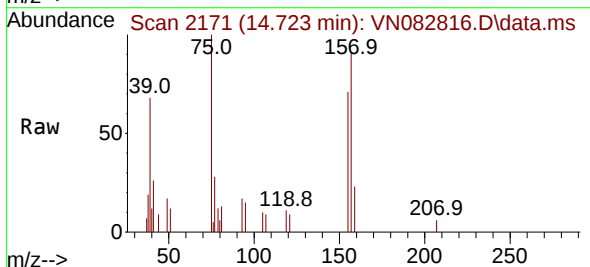
Tgt Ion:146 Resp: 33440
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 62.9 32.1 96.5

Manual Integrations
APPROVED

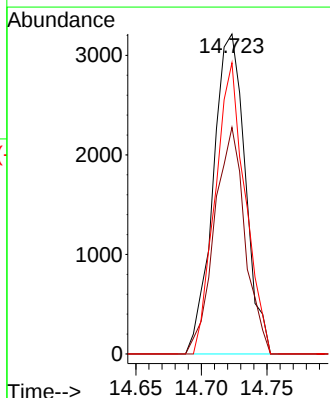
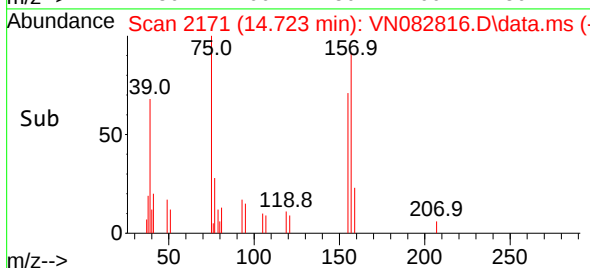
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

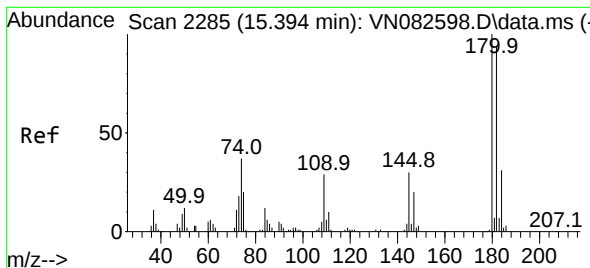


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.698 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58



Tgt Ion: 75 Resp: 5476
Ion Ratio Lower Upper
75 100
155 67.7 36.6 109.8
157 84.9 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 9.365 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

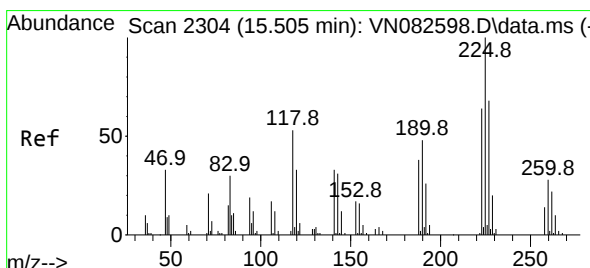
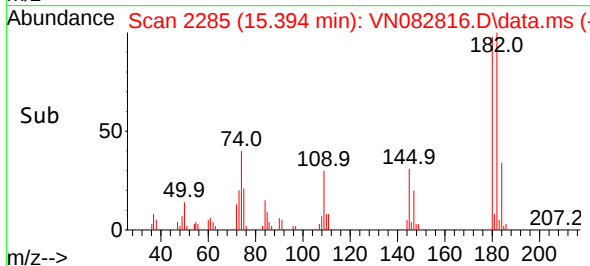
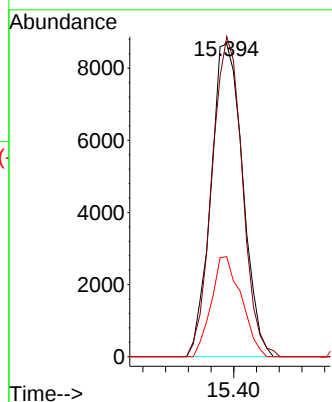
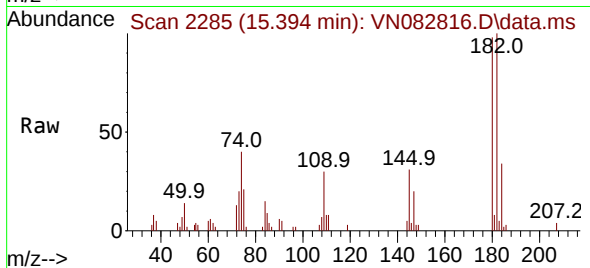
Tgt Ion:180	Resp:	1686
Ion Ratio	Lower	Upper
180	100	
182	97.7	47.3 141.8
145	30.2	15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#94

Hexachlorobutadiene

Concen: 9.684 ug/l

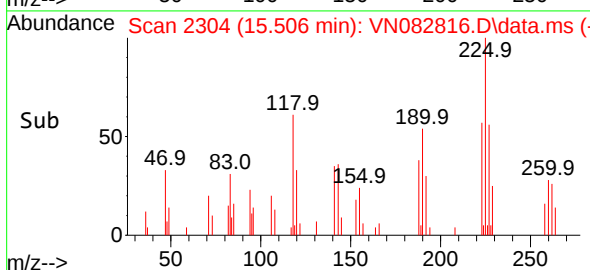
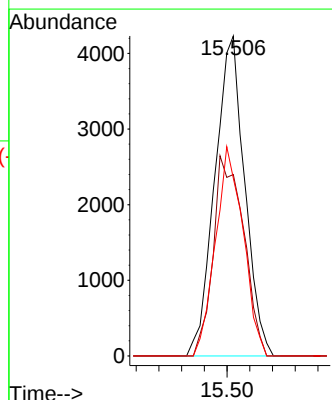
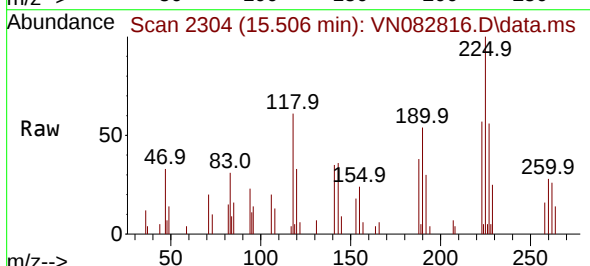
RT: 15.506 min Scan# 2304

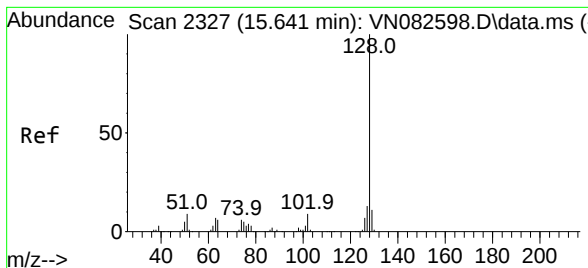
Delta R.T. 0.001 min

Lab File: VN082816.D

Acq: 08 Jul 2024 11:58

Tgt Ion:225	Resp:	7730
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.9 95.7
227	60.6	32.5 97.5





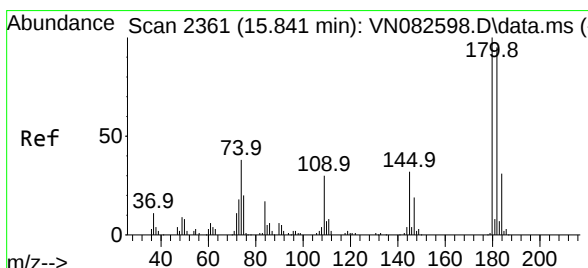
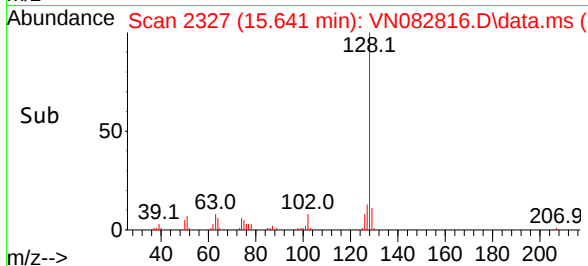
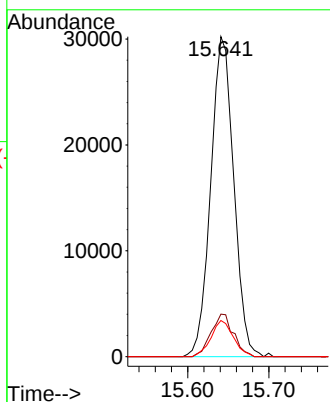
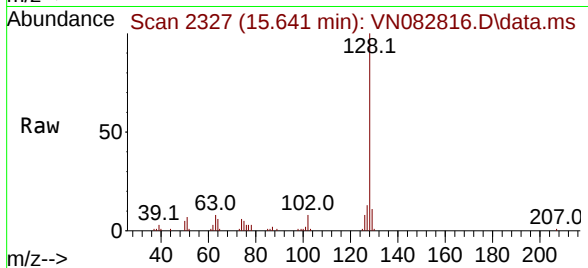
#95
Naphthalene
Concen: 9.670 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:128 Resp: 59638
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#96
1,2,3-Trichlorobenzene
Concen: 9.490 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082816.D
Acq: 08 Jul 2024 11:58

Tgt Ion:180 Resp: 17569
Ion Ratio Lower Upper
180 100
182 98.9 48.9 146.8
145 35.0 16.8 50.4

