

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
 Data File : VN082627.D
 Acq On : 18 Jun 2024 17:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

Quant Time: Jun 19 00:54:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	166092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	279830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	267014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	150891	56.651	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.300%			
35) Dibromofluoromethane	8.171	113	105522	55.586	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.180%			
50) Toluene-d8	10.571	98	407598	56.778	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.560%#			
62) 4-Bromofluorobenzene	12.853	95	144746	58.483	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 116.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115810	49.925	ug/l	99
3) Chloromethane	2.359	50	132304	47.578	ug/l	96
4) Vinyl Chloride	2.512	62	136639	51.633	ug/l	99
5) Bromomethane	2.936	94	77249	45.346	ug/l	96
6) Chloroethane	3.106	64	91105	48.279	ug/l	100
7) Trichlorofluoromethane	3.489	101	171065	49.548	ug/l	99
8) Diethyl Ether	3.959	74	59677	50.754	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	97483	50.409	ug/l	99
10) Methyl Iodide	4.589	142	101323	55.004	ug/l	96
11) Tert butyl alcohol	5.536	59	124614	285.862	ug/l	99
12) 1,1-Dichloroethene	4.336	96	90748	49.072	ug/l	93
13) Acrolein	4.183	56	106364	239.523	ug/l	98
14) Allyl chloride	5.018	41	196222	54.254	ug/l	90
15) Acrylonitrile	5.718	53	316416	274.983	ug/l	100
16) Acetone	4.436	43	282978	233.609	ug/l	97
17) Carbon Disulfide	4.706	76	269782	45.936	ug/l	99
18) Methyl Acetate	5.030	43	160125	54.047	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	340415	53.777	ug/l	99
20) Methylene Chloride	5.271	84	109154	51.255	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	97965	49.845	ug/l	96
22) Diisopropyl ether	6.677	45	405247	53.428	ug/l	98
23) Vinyl Acetate	6.606	43	1637536	272.251	ug/l	100
24) 1,1-Dichloroethane	6.571	63	211185	51.398	ug/l	100
25) 2-Butanone	7.488	43	467671	271.624	ug/l	99
26) 2,2-Dichloropropane	7.494	77	159235	44.674	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	118572	50.070	ug/l	99
28) Bromochloromethane	7.818	49	93600	49.917	ug/l	99
29) Tetrahydrofuran	7.841	42	316956	300.711	ug/l	100
30) Chloroform	7.971	83	206954	51.635	ug/l	100
31) Cyclohexane	8.259	56	184111	47.897	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	183339	50.443	ug/l	99
36) 1,1-Dichloropropene	8.371	75	147364	51.929	ug/l	99
37) Ethyl Acetate	7.565	43	190186	52.613	ug/l	100
38) Carbon Tetrachloride	8.365	117	164891	51.559	ug/l	98
39) Methylcyclohexane	9.606	83	154898	51.866	ug/l	97
40) Benzene	8.612	78	455388	51.934	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	99216	53.695	ug/l	99
42) 1,2-Dichloroethane	8.671	62	173373	51.981	ug/l	99
43) Isopropyl Acetate	8.694	43	322208	47.695	ug/l	99
44) Trichloroethene	9.353	130	103256	50.713	ug/l	100
45) 1,2-Dichloropropane	9.624	63	118205	52.372	ug/l	96
46) Dibromomethane	9.712	93	80500	52.616	ug/l	99
47) Bromodichloromethane	9.888	83	169846	52.071	ug/l	99
48) Methyl methacrylate	9.682	41	153915	55.267	ug/l	99
49) 1,4-Dioxane	9.700	88	54576	1252.859	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	1013103	292.381	ug/l	100
52) Toluene	10.629	92	285841	53.790	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	176953	53.067	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	181390	52.604	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	105351	54.774	ug/l	96
56) Ethyl methacrylate	10.876	69	182487	57.286	ug/l	100
57) 1,3-Dichloropropane	11.165	76	192537	54.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	503290	298.661	ug/l	99
59) 2-Hexanone	11.200	43	770988	292.754	ug/l	100
60) Dibromochloromethane	11.365	129	130787	55.705	ug/l	98
61) 1,2-Dibromoethane	11.470	107	110920	54.698	ug/l	99
64) Tetrachloroethene	11.106	164	102433	46.527	ug/l	98
65) Chlorobenzene	11.894	112	305303	49.861	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	109866	50.320	ug/l	98
67) Ethyl Benzene	11.965	91	543404	52.084	ug/l	98
68) m/p-Xylenes	12.076	106	418196	107.742	ug/l	98
69) o-Xylene	12.400	106	198723	54.494	ug/l	97
70) Styrene	12.412	104	350116	56.568	ug/l	99
71) Bromoform	12.582	173	91340	52.914	ug/l #	100
73) Isopropylbenzene	12.700	105	511605	49.355	ug/l	99
74) N-amyl acetate	12.494	43	280685	50.737	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	162591	48.087	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	160172m	47.973	ug/l	
77) Bromobenzene	12.982	156	126673	47.476	ug/l	99
78) n-propylbenzene	13.041	91	616507	50.280	ug/l	99
79) 2-Chlorotoluene	13.129	91	374071	48.649	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	432136	51.371	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	72066	51.639	ug/l	97
82) 4-Chlorotoluene	13.223	91	376845	49.060	ug/l	99
83) tert-Butylbenzene	13.441	119	362576	50.600	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	437360	51.828	ug/l	99
85) sec-Butylbenzene	13.617	105	513804	50.489	ug/l	100
86) p-Isopropyltoluene	13.735	119	432715	52.803	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	234692	48.513	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	230778	45.639	ug/l	99
89) n-Butylbenzene	14.059	91	357816	49.224	ug/l	100
90) Hexachloroethane	14.335	117	84384	47.326	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	225963	47.837	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36988	51.689	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	115806	46.493	ug/l	99
94) Hexachlorobutadiene	15.506	225	48102	39.167	ug/l	99
95) Naphthalene	15.641	128	399638	52.151	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	118641	46.739	ug/l	98

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ClientSampleId :
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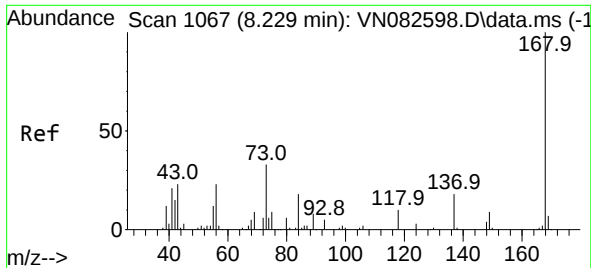
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/19/2024

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Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

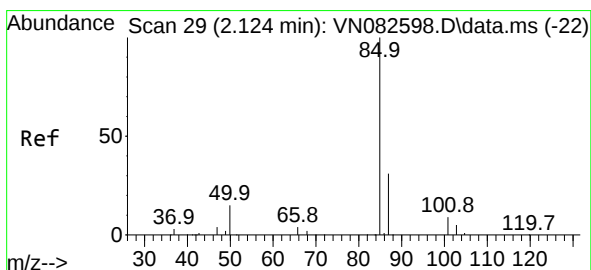
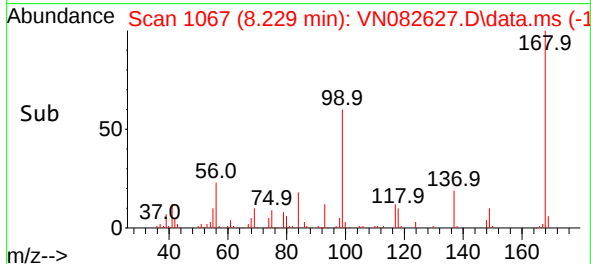
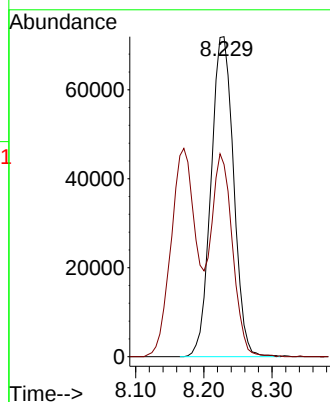
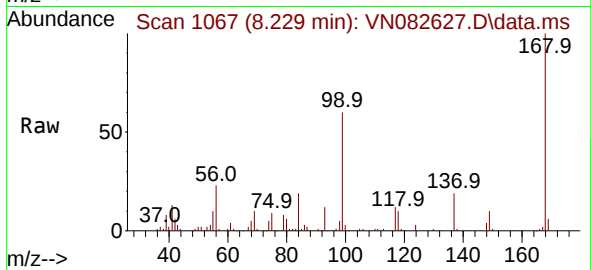
VSTDCCC050EC

Tgt Ion:168 Resp: 166092
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.4

Manual Integrations

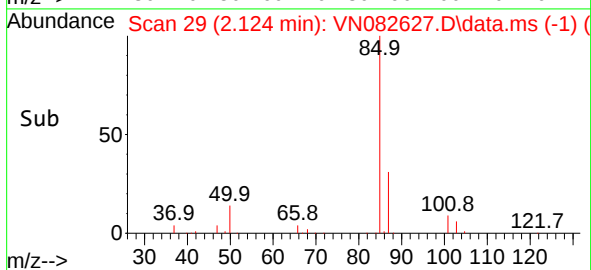
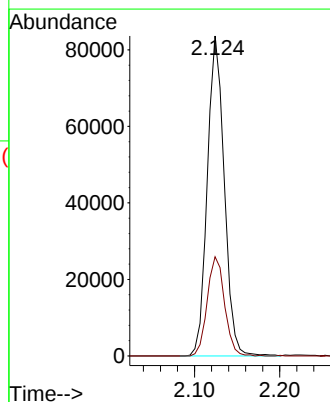
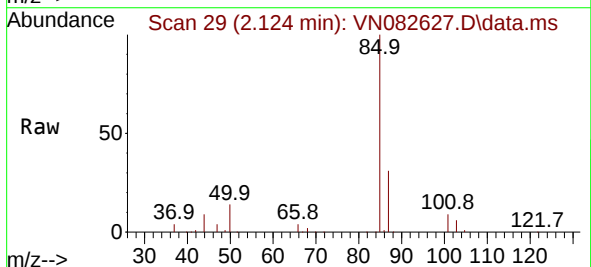
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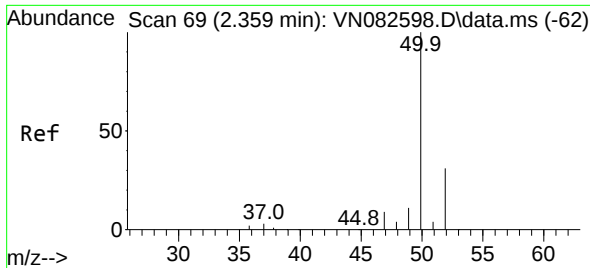
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#2
Dichlorodifluoromethane
Concen: 49.925 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

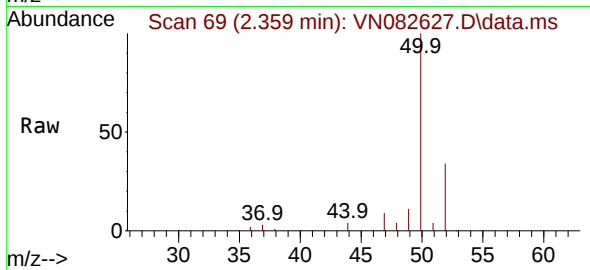
Tgt Ion: 85 Resp: 115810
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.0





#3
Chloromethane
Concen: 47.578 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

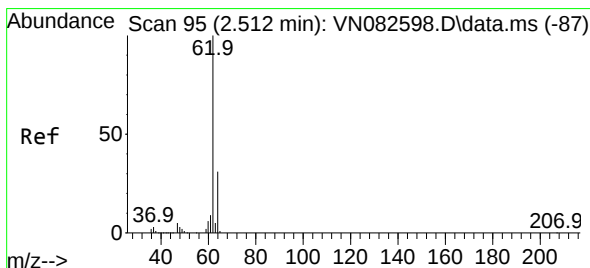
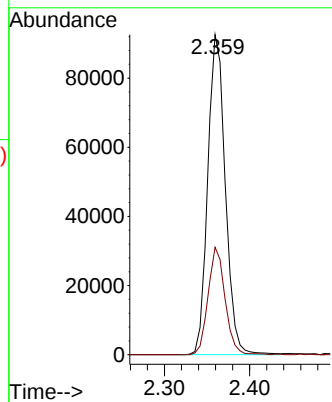
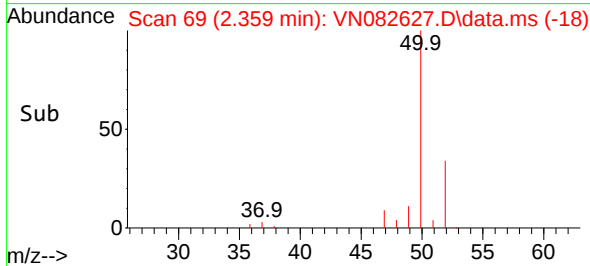
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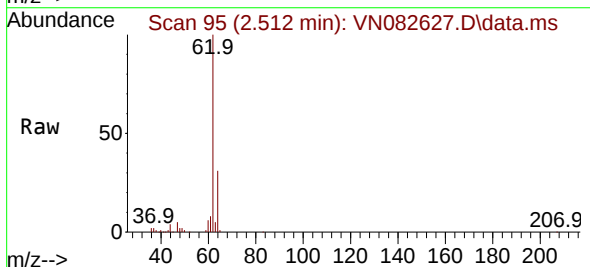
Tgt Ion: 50 Resp: 132304
Ion Ratio Lower Upper
50 100
52 33.5 25.0 37.4

Manual Integrations
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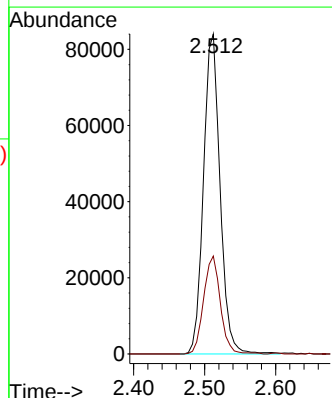
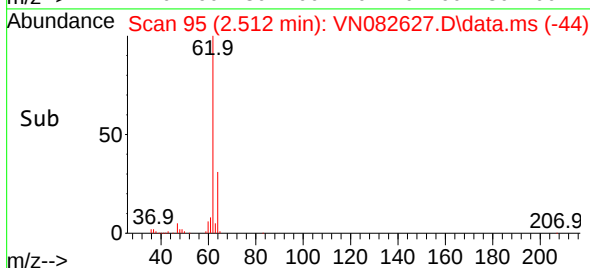
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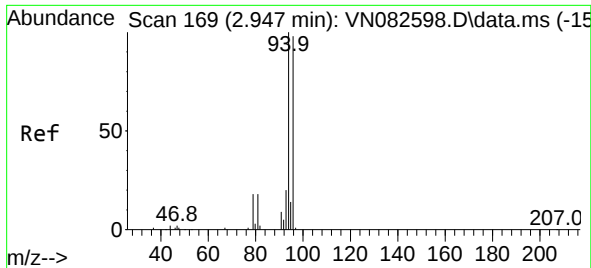


#4
Vinyl Chloride
Concen: 51.633 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48



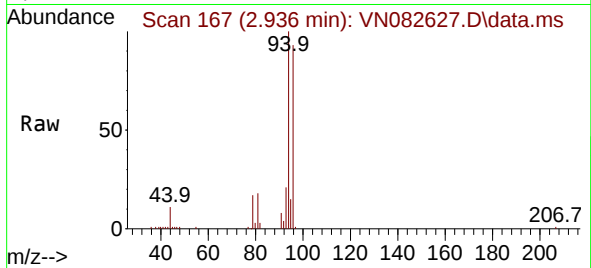
Tgt Ion: 62 Resp: 136639
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.6





#5
Bromomethane
Concen: 45.346 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.011 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

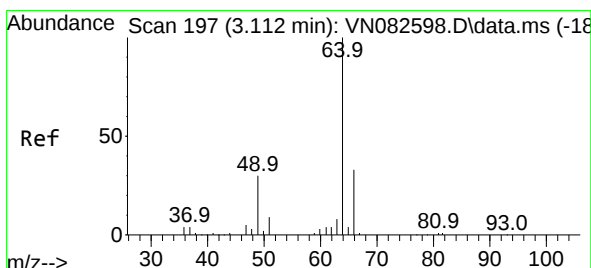
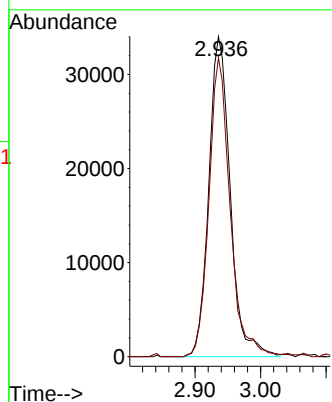
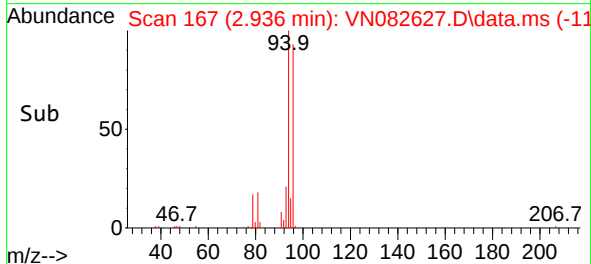
Instrument :
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Tgt Ion: 94 Resp: 77249
Ion Ratio Lower Upper
94 100
96 93.4 78.0 117.0

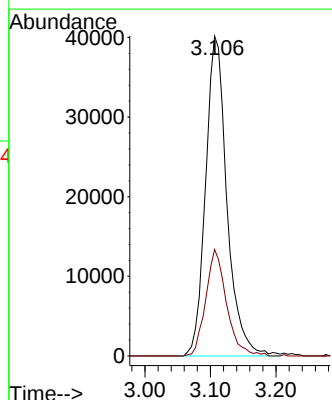
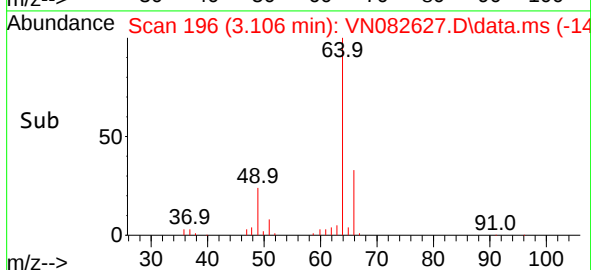
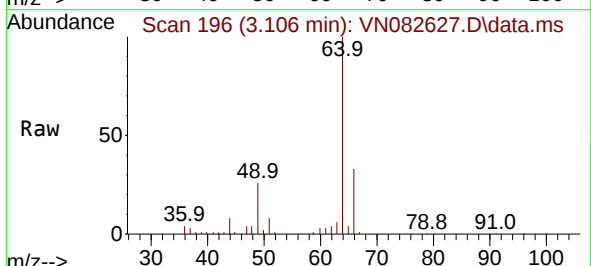
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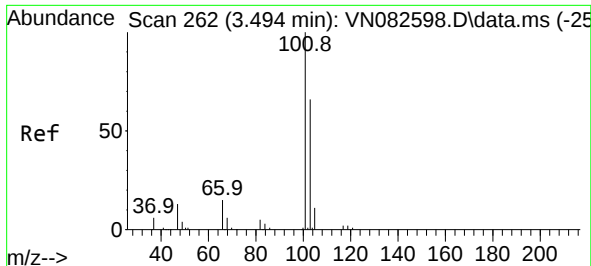
Reviewed By :John Carlone 06/19/2024
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#6
Chloroethane
Concen: 48.279 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 91105
Ion Ratio Lower Upper
64 100
66 33.3 26.6 40.0





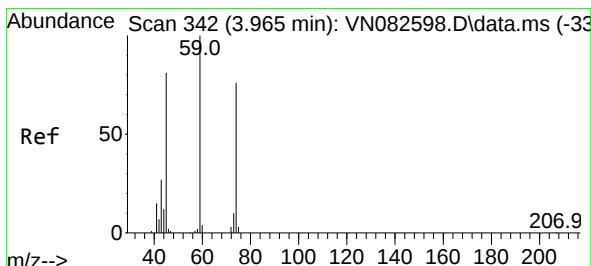
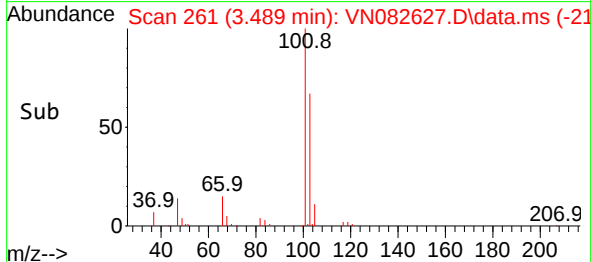
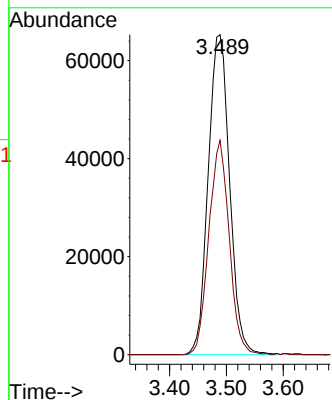
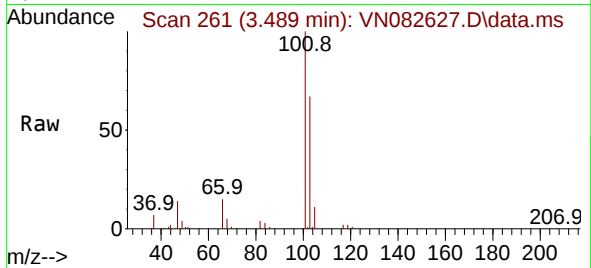
#7
Trichlorofluoromethane
Concen: 49.548 ug/l
RT: 3.489 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 17106
Ion Ratio Lower Upper
101 100
103 66.9 52.7 79.1

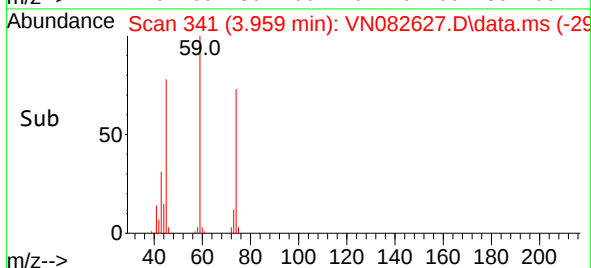
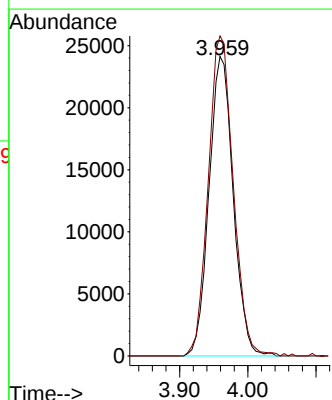
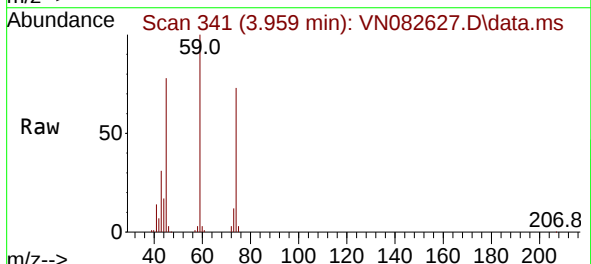
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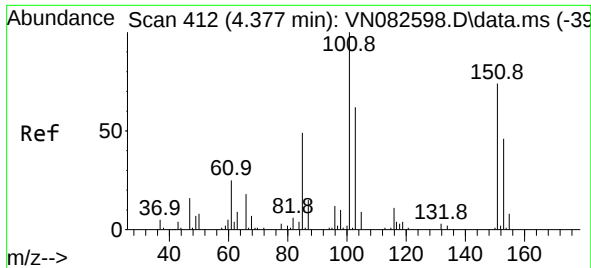
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#8
Diethyl Ether
Concen: 50.754 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Tgt Ion: 74 Resp: 59677
Ion Ratio Lower Upper
74 100
45 110.2 55.5 166.3





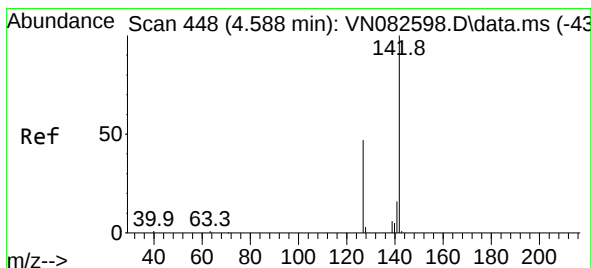
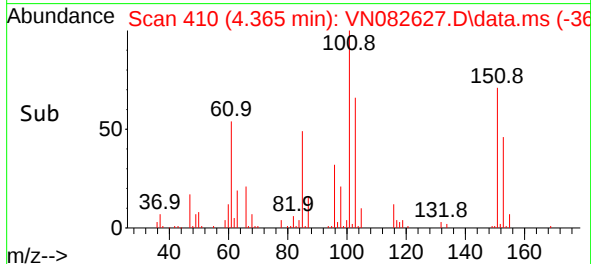
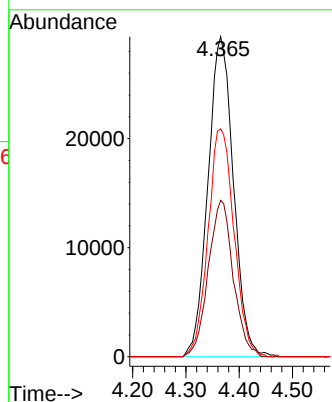
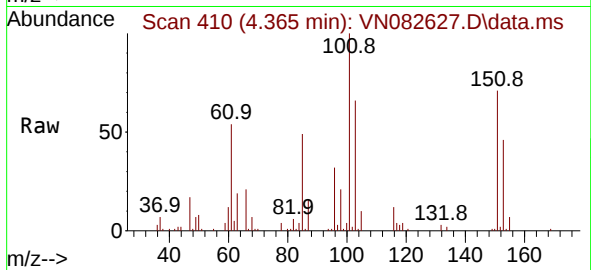
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.409 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9748
Ion Ratio Lower Upper
101 100
85 47.8 38.3 57.5
151 72.5 59.3 88.9

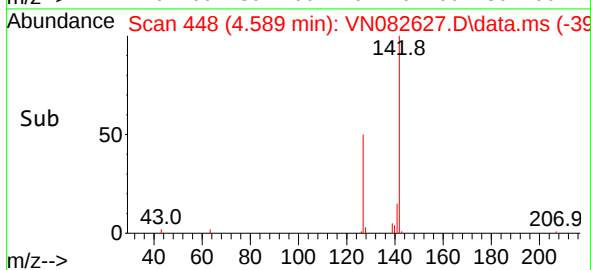
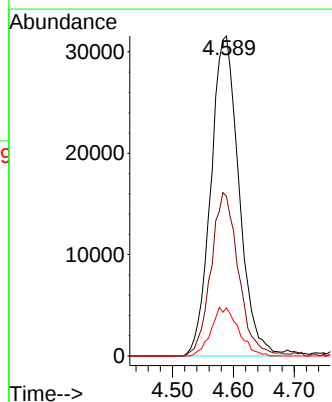
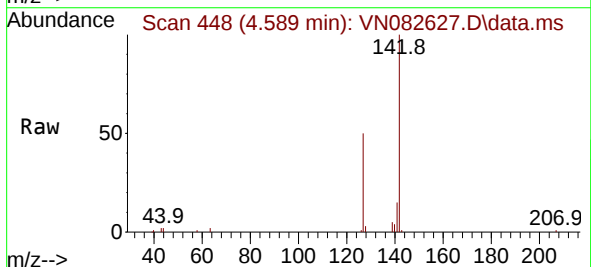
Manual Integrations
APPROVED

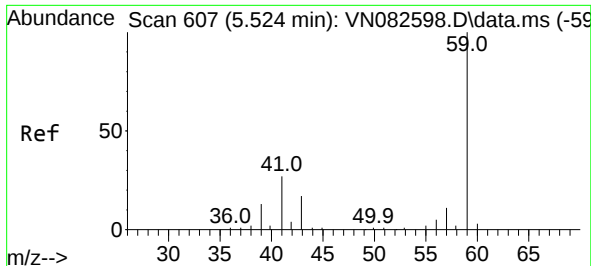
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#10
Methyl Iodide
Concen: 55.004 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

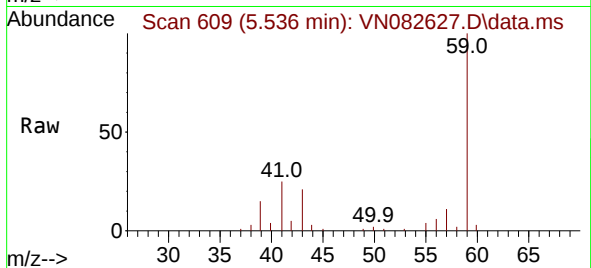
Tgt Ion:142 Resp: 101323
Ion Ratio Lower Upper
142 100
127 49.8 37.5 56.3
141 15.1 13.1 19.7





#11
Tert butyl alcohol
Concen: 285.862 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

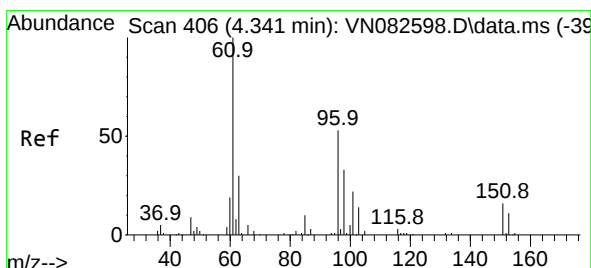
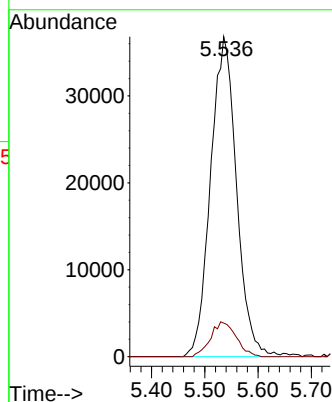
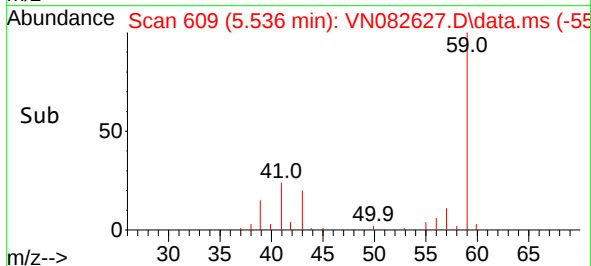
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



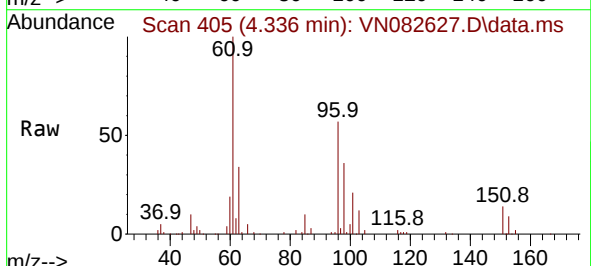
Tgt Ion: 59 Resp: 124614
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3

Manual Integrations
APPROVED

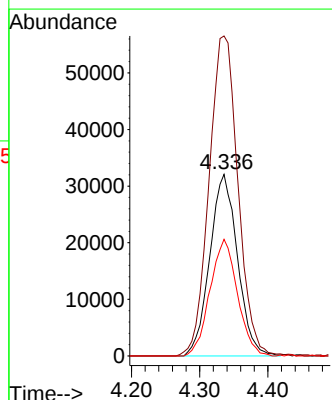
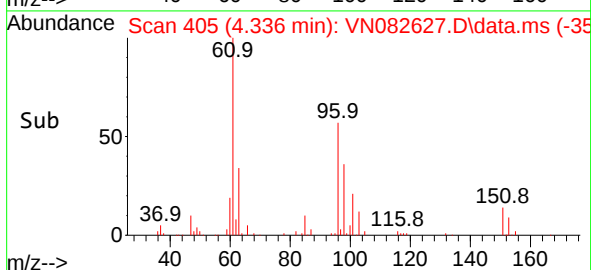
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

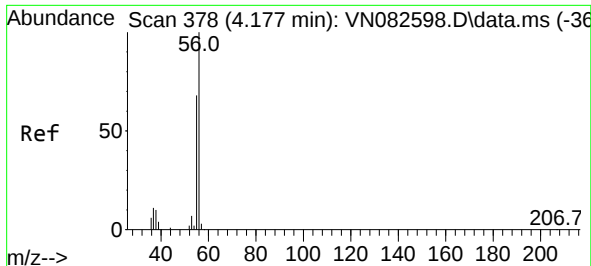


#12
1,1-Dichloroethene
Concen: 49.072 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48



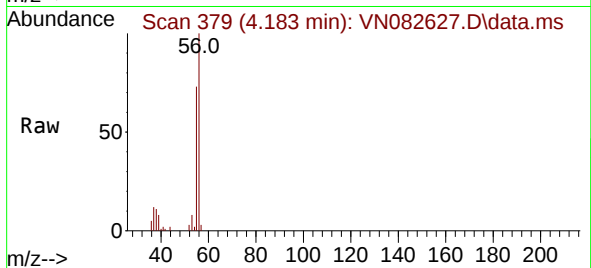
Tgt Ion: 96 Resp: 90748
Ion Ratio Lower Upper
96 100
61 175.4 149.7 224.5
98 64.2 50.1 75.1





#13
Acrolein
Concen: 239.523 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

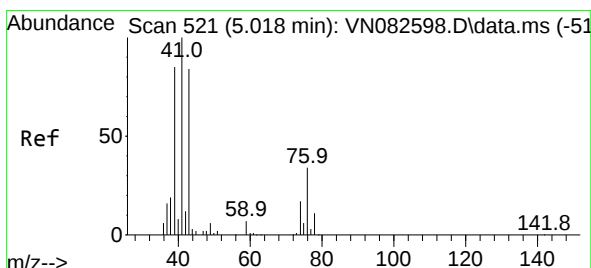
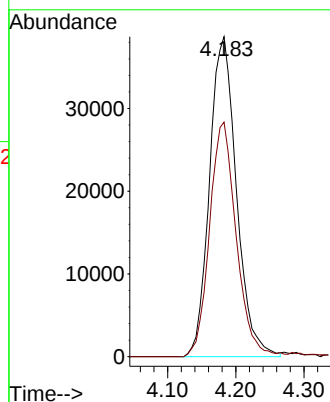
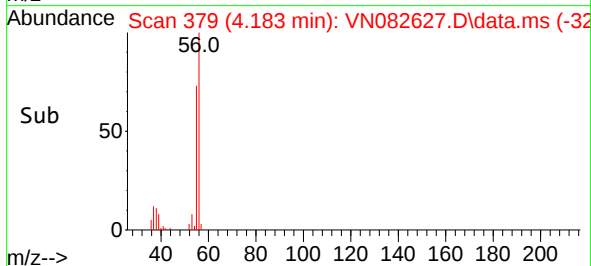
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 106364
Ion Ratio Lower Upper
56 100
55 72.5 56.4 84.6

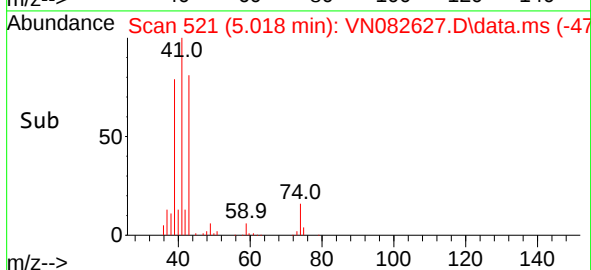
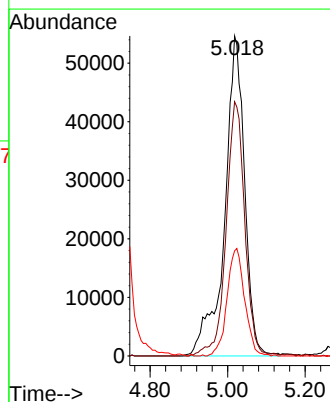
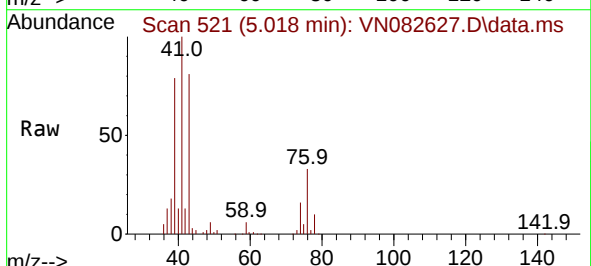
Manual Integrations
APPROVED

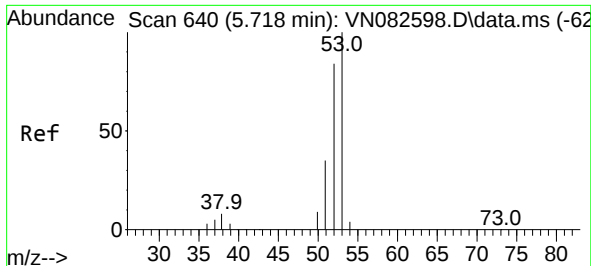
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#14
Allyl chloride
Concen: 54.254 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

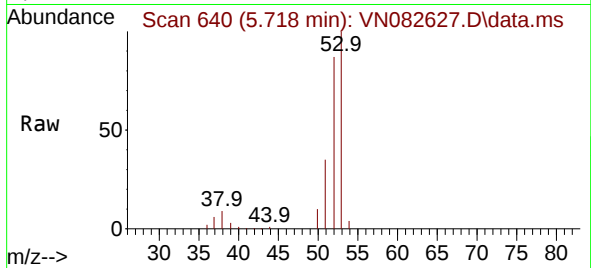
Tgt Ion: 41 Resp: 196222
Ion Ratio Lower Upper
41 100
39 73.6 67.8 101.6
76 29.6 25.8 38.8





#15
Acrylonitrile
Concen: 274.983 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

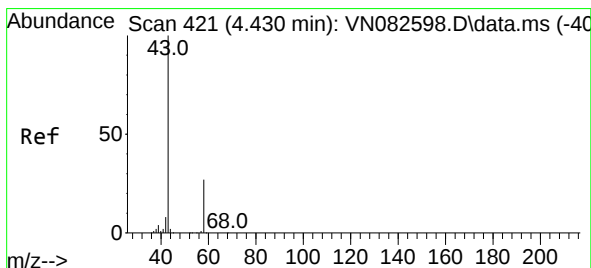
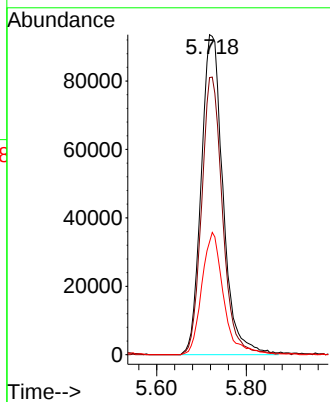
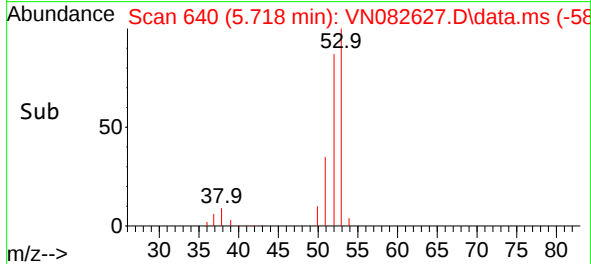
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 316410
Ion Ratio Lower Upper
53 100
52 83.5 66.6 100.0
51 38.0 30.1 45.1

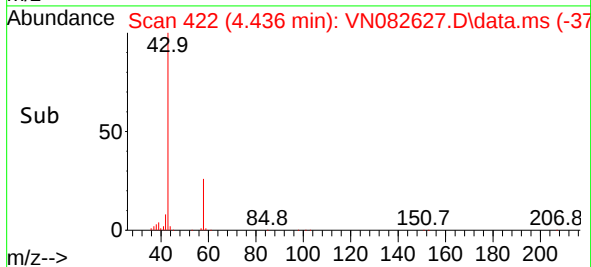
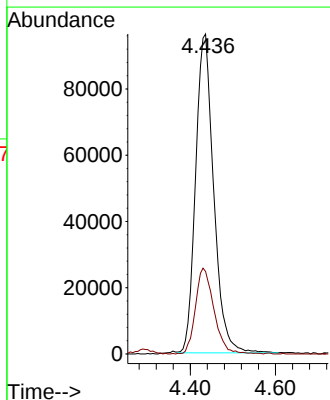
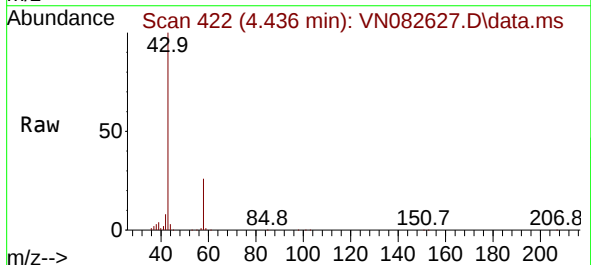
Manual Integrations
APPROVED

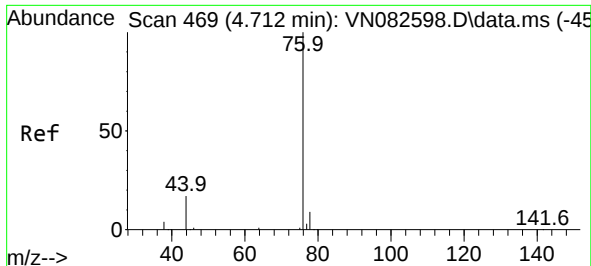
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#16
Acetone
Concen: 233.609 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Tgt Ion: 43 Resp: 282978
Ion Ratio Lower Upper
43 100
58 25.9 21.8 32.6





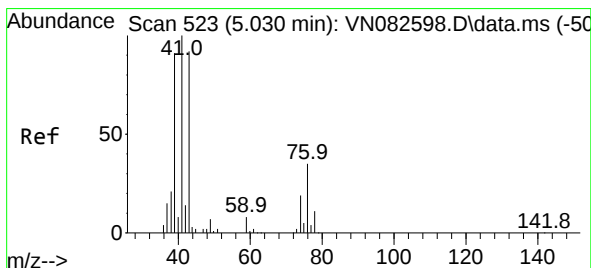
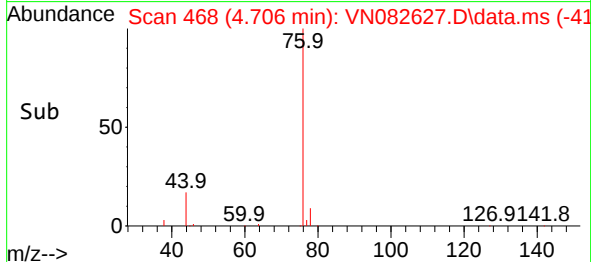
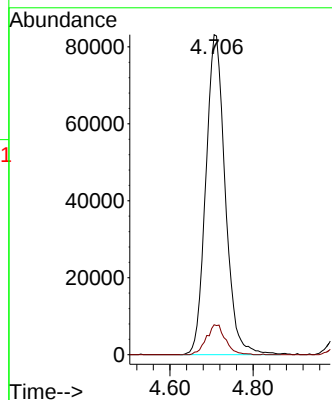
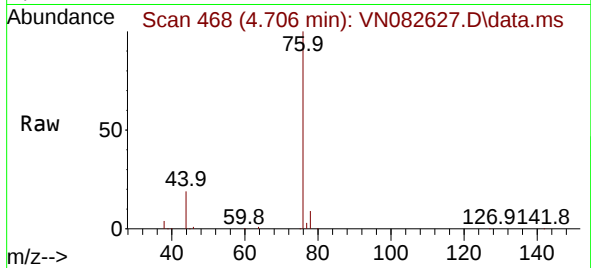
#17
Carbon Disulfide
Concen: 45.936 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 26978
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

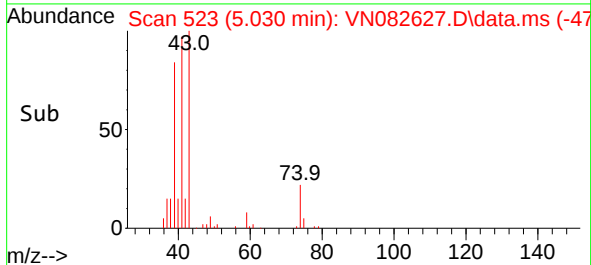
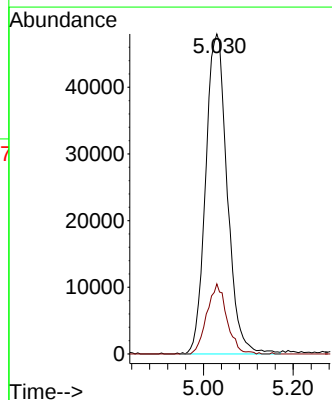
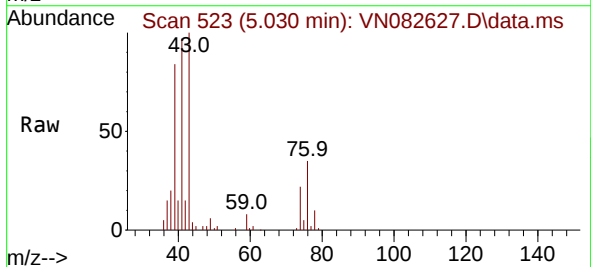
Manual Integrations
APPROVED

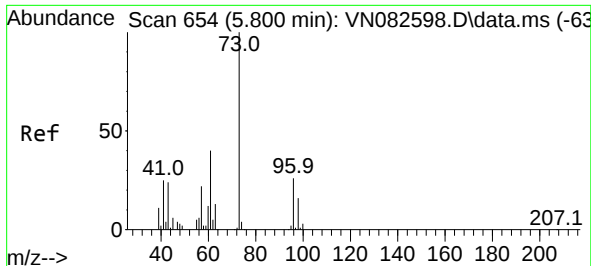
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#18
Methyl Acetate
Concen: 54.047 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

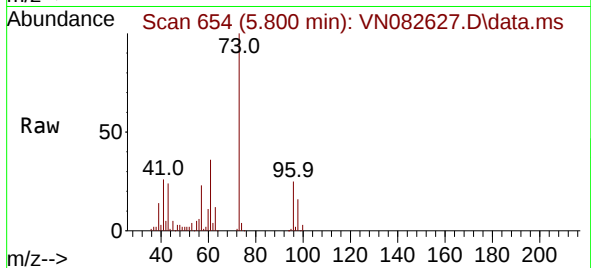
Tgt Ion: 43 Resp: 160125
Ion Ratio Lower Upper
43 100
74 20.3 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 53.777 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

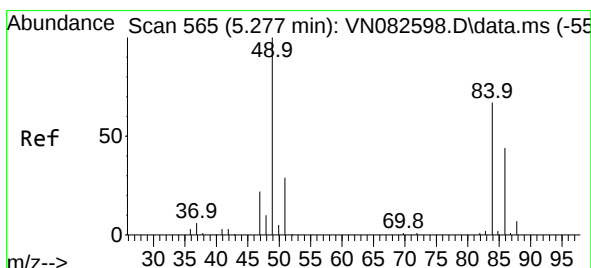
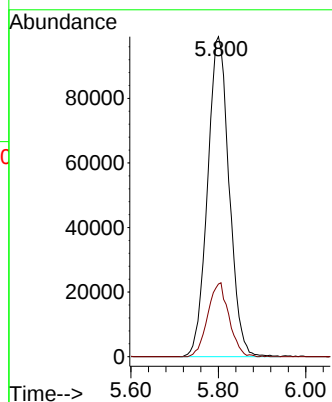
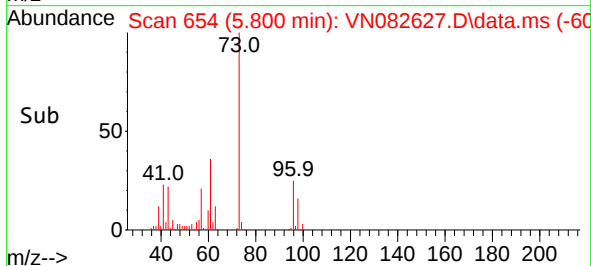
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 34041
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

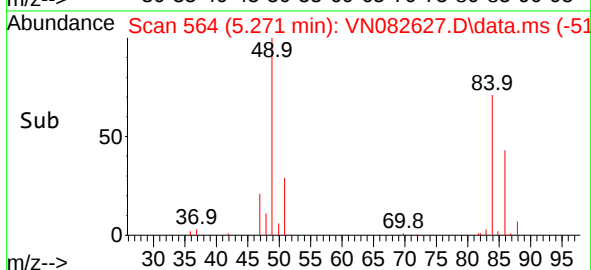
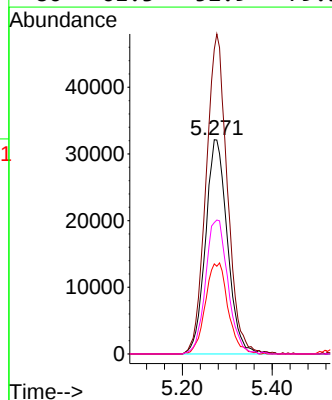
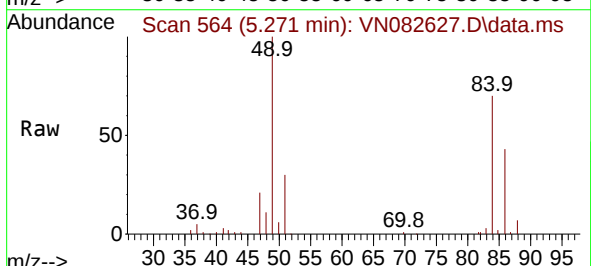
Manual Integrations
APPROVED

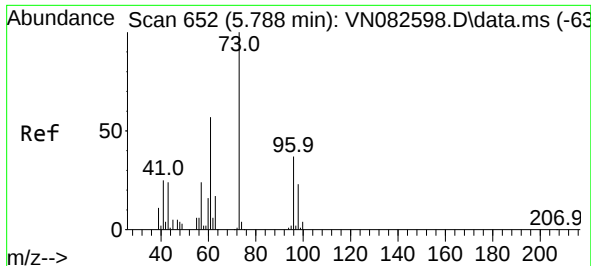
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#20
Methylene Chloride
Concen: 51.255 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

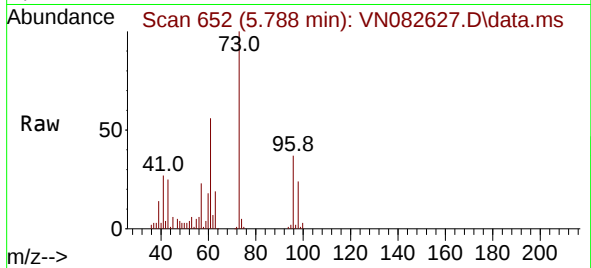
Tgt Ion: 84 Resp: 109154
Ion Ratio Lower Upper
84 100
49 142.1 119.6 179.4
51 42.0 34.8 52.2
86 61.3 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 49.845 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

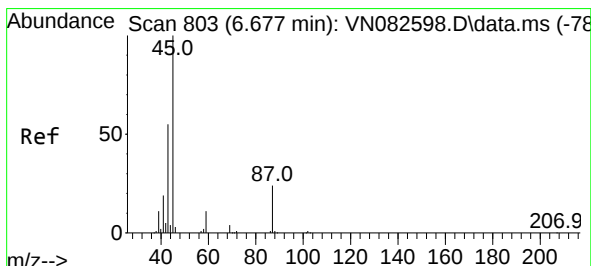
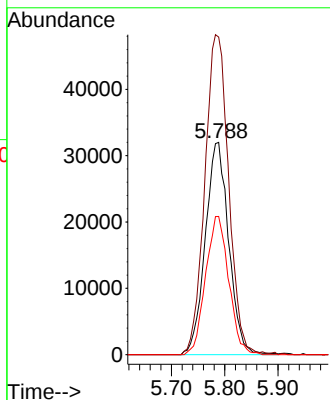
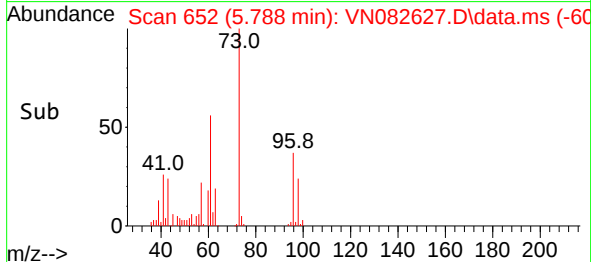
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



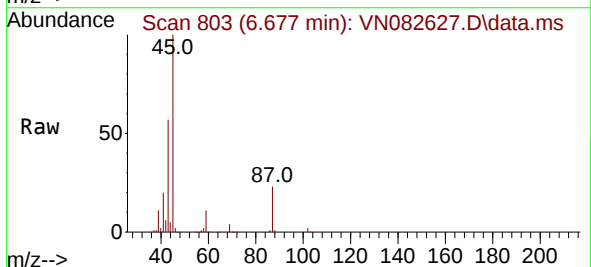
Tgt Ion: 96 Resp: 9796
Ion Ratio Lower Upper
96 100
61 149.6 123.4 185.2
98 65.1 49.3 73.9

Manual Integrations
APPROVED

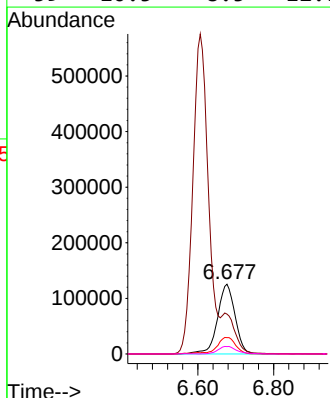
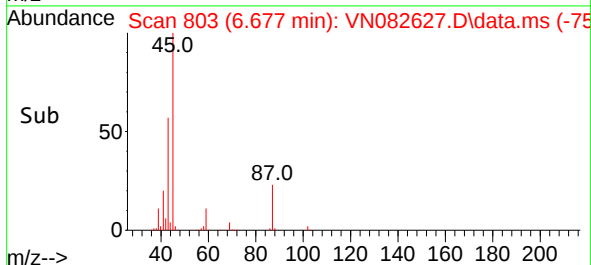
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

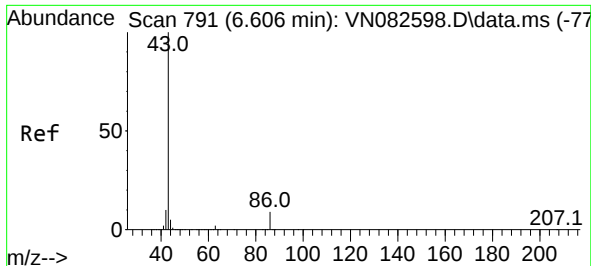


#22
Diisopropyl ether
Concen: 53.428 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48



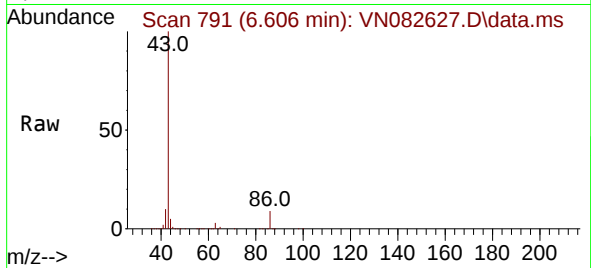
Tgt Ion: 45 Resp: 405247
Ion Ratio Lower Upper
45 100
43 56.8 44.0 66.0
87 23.4 19.7 29.5
59 10.5 8.5 12.7





#23
 Vinyl Acetate
 Concen: 272.251 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082627.D
 Acq: 18 Jun 2024 17:48

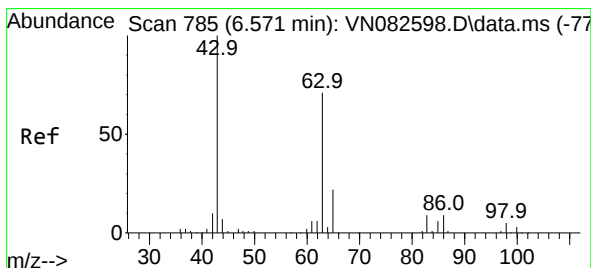
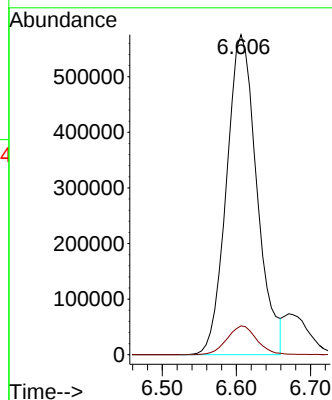
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1637536
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.3 10.9

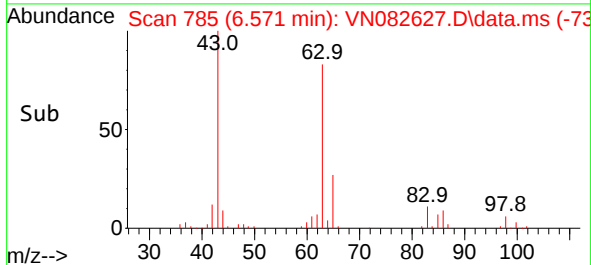
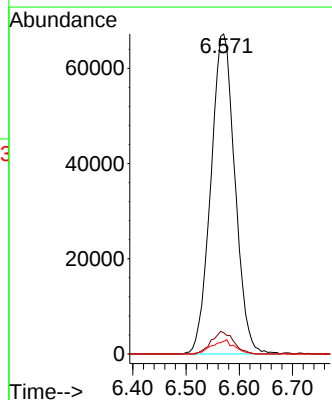
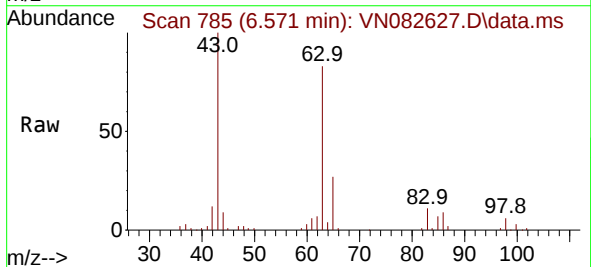
Manual Integrations
 APPROVED

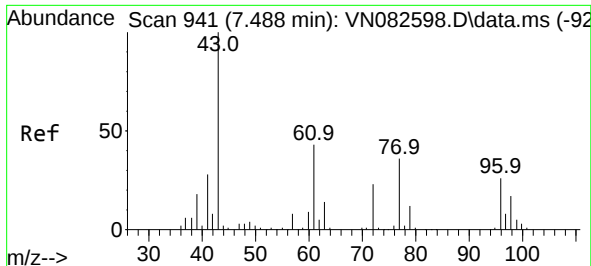
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024



#24
 1,1-Dichloroethane
 Concen: 51.398 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082627.D
 Acq: 18 Jun 2024 17:48

Tgt Ion: 63 Resp: 211185
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.0 2.0 6.0





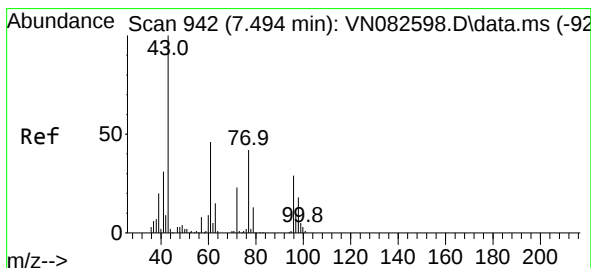
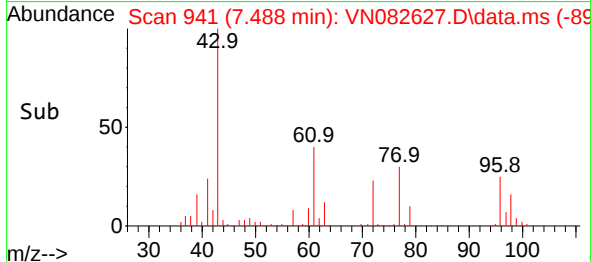
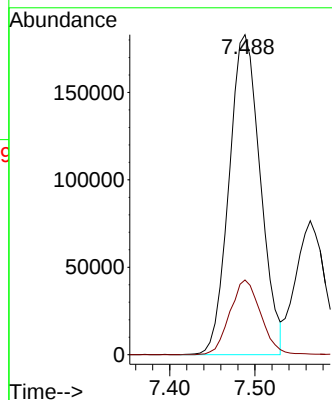
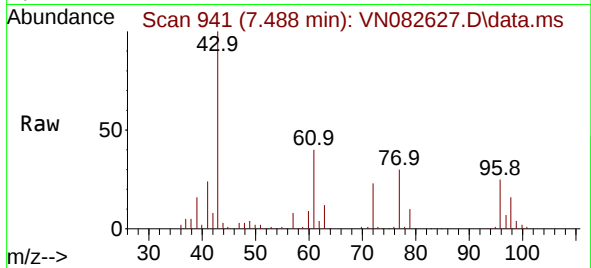
#25
2-Butanone
Concen: 271.624 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 46767
Ion Ratio Lower Upper
43 100
72 23.4 18.2 27.2

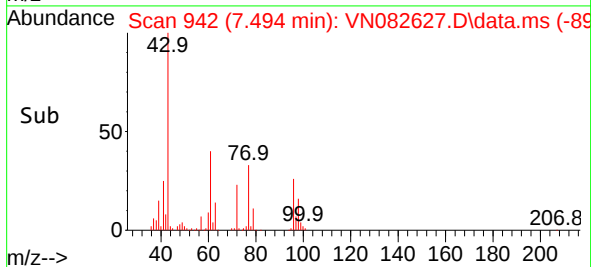
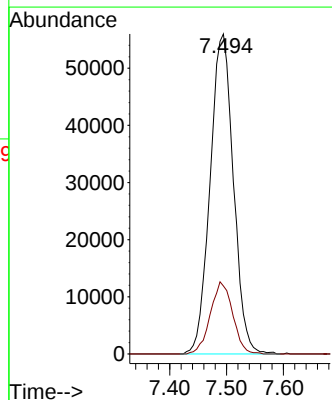
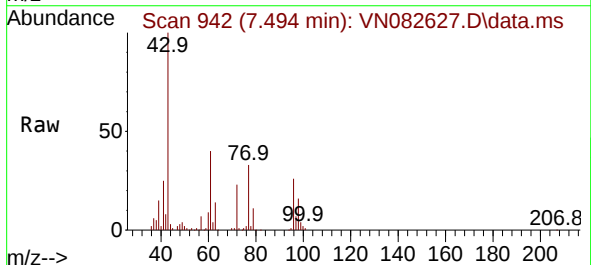
Manual Integrations
APPROVED

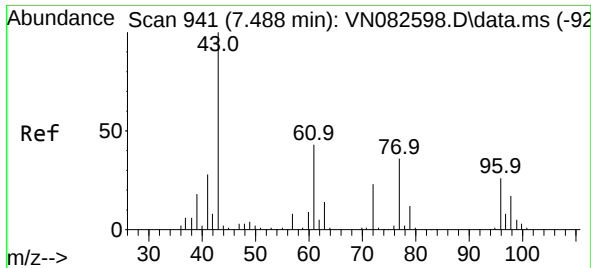
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#26
2,2-Dichloropropane
Concen: 44.674 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

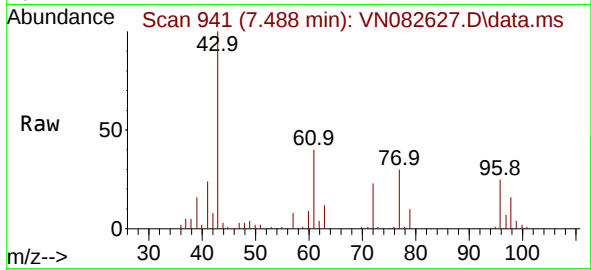
Tgt Ion: 77 Resp: 159235
Ion Ratio Lower Upper
77 100
97 21.7 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 50.070 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082627.D
 Acq: 18 Jun 2024 17:48

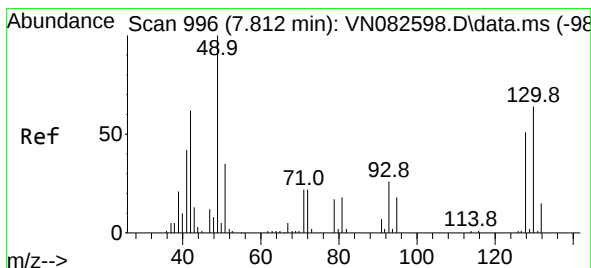
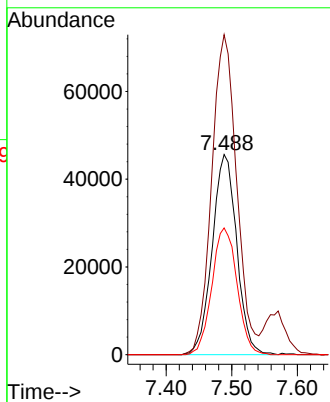
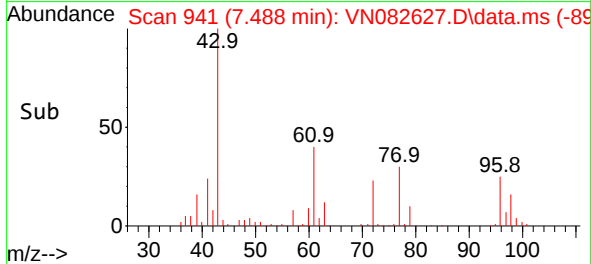
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



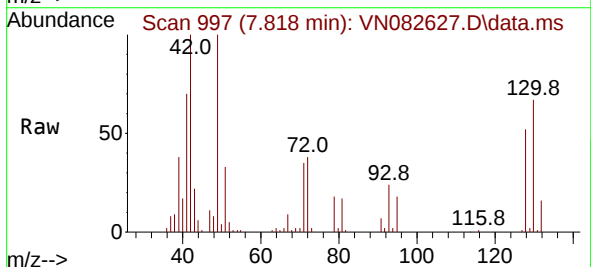
Tgt Ion: 96 Resp: 118572
 Ion Ratio Lower Upper
 96 100
 61 163.0 0.0 329.6
 98 64.9 0.0 128.6

Manual Integrations
 APPROVED

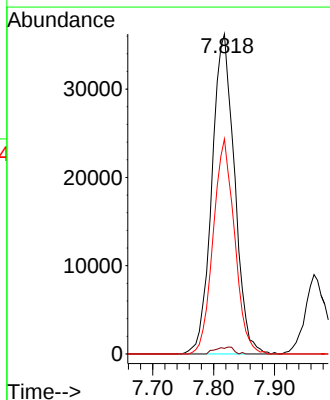
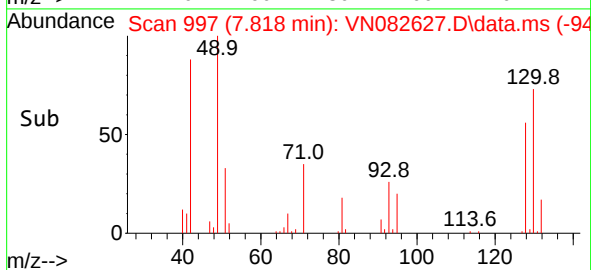
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024

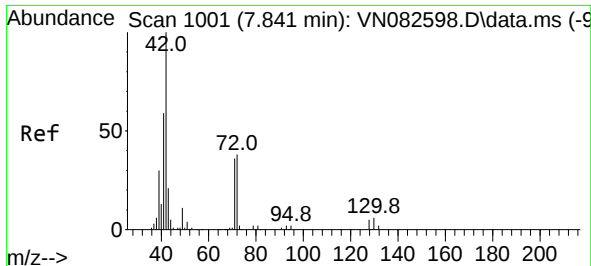


#28
 Bromochloromethane
 Concen: 49.917 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082627.D
 Acq: 18 Jun 2024 17:48



Tgt Ion: 49 Resp: 93600
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 63.6 50.5 75.7





#29

Tetrahydrofuran

Concen: 300.711 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

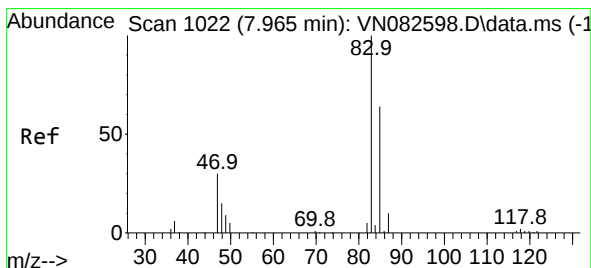
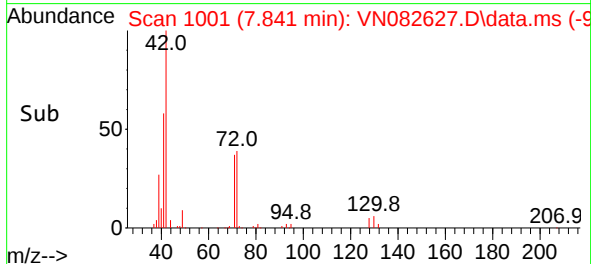
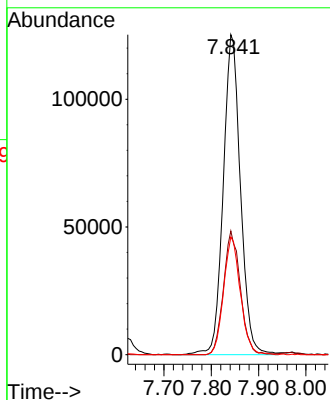
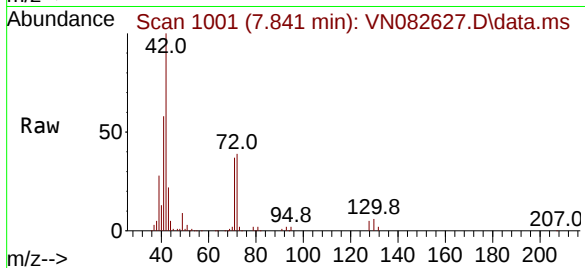
Tgt Ion:	42	Resp:	31695
Ion Ratio	Lower	Upper	
42	100		
72	37.7	30.0	45.0
71	35.7	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#30

Chloroform

Concen: 51.635 ug/l

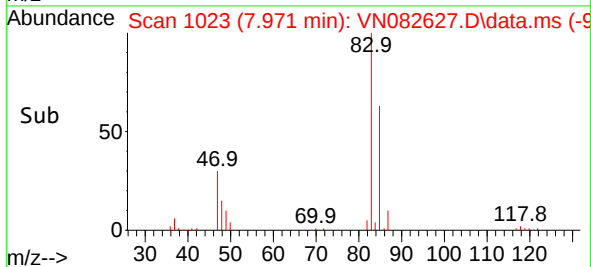
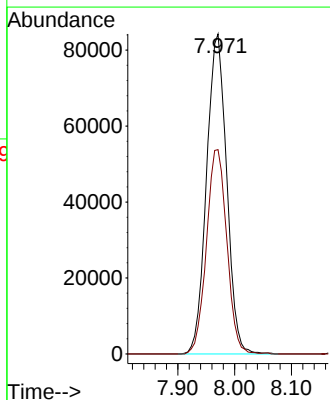
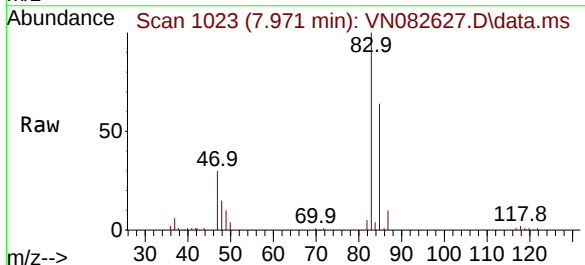
RT: 7.971 min Scan# 1023

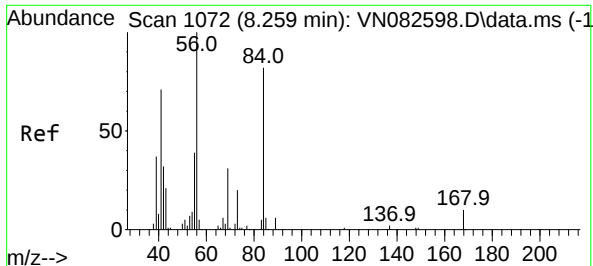
Delta R.T. 0.006 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

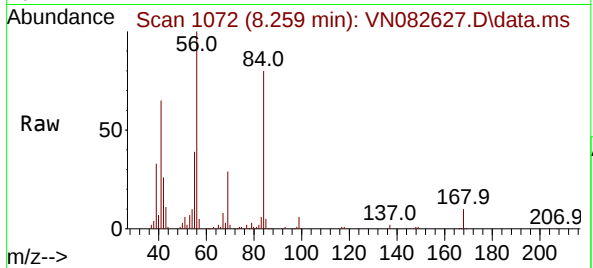
Tgt Ion:	83	Resp:	206954
Ion Ratio	Lower	Upper	
83	100		
85	63.8	50.9	76.3





#31
Cyclohexane
Concen: 47.897 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

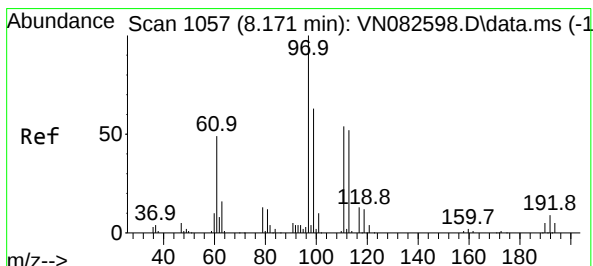
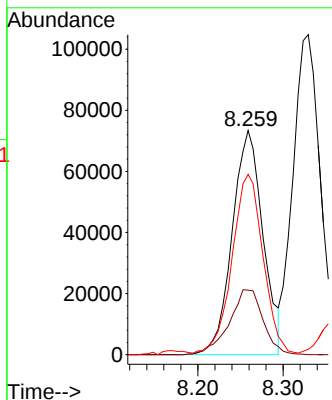
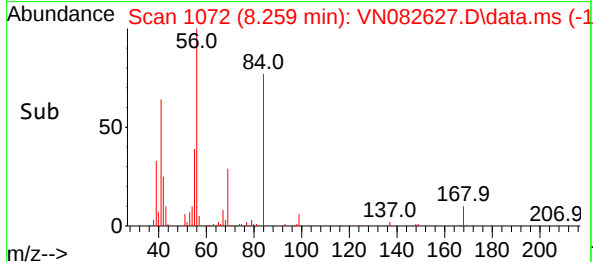
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



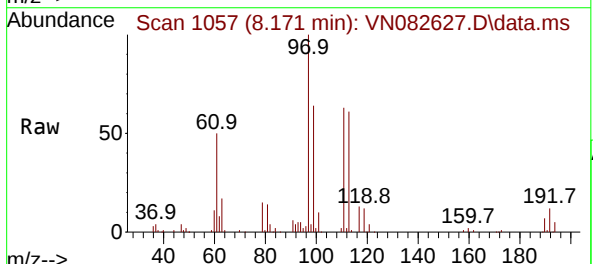
Tgt Ion: 56 Resp: 18411
Ion Ratio Lower Upper
56 100
69 28.8 24.5 36.7
84 79.1 66.0 99.0

Manual Integrations
APPROVED

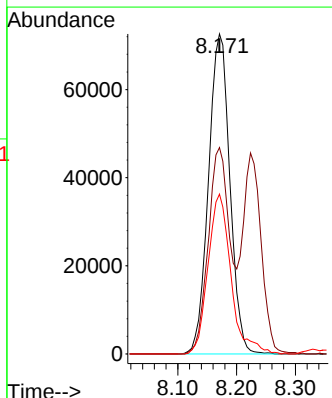
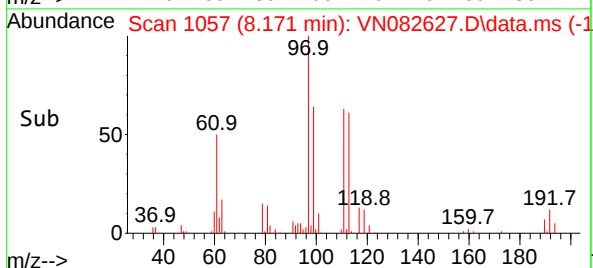
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

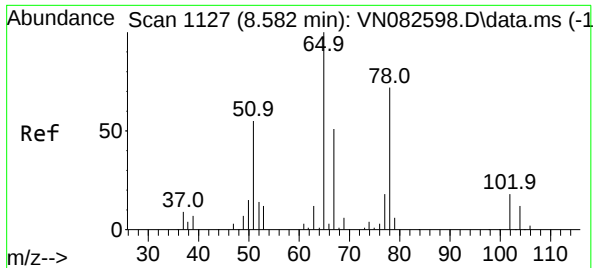


#32
1,1,1-Trichloroethane
Concen: 50.443 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48



Tgt Ion: 97 Resp: 183339
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 53.7 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 56.651 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15089

Ion Ratio Lower Upper

65 100

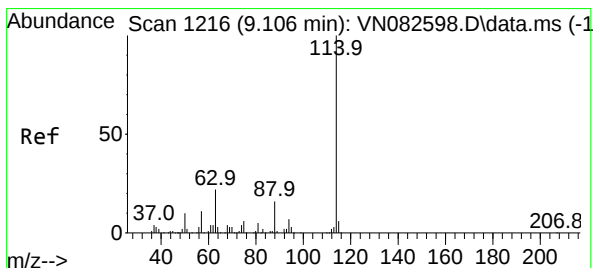
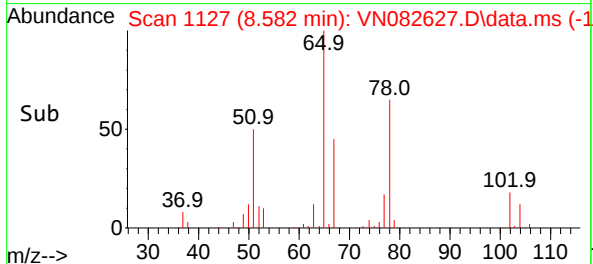
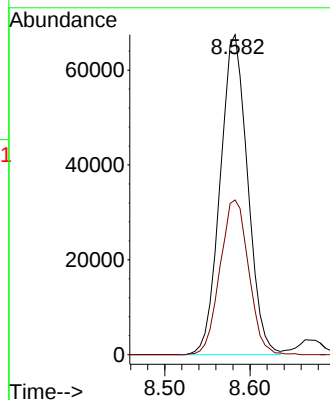
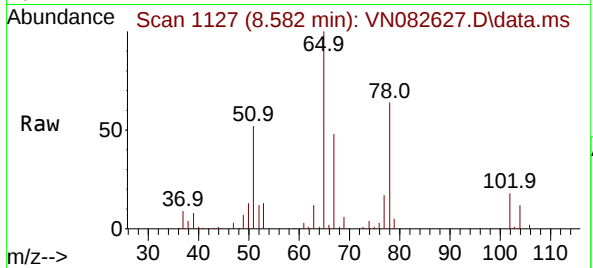
67 50.5 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

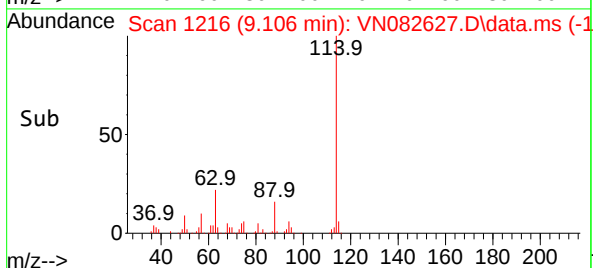
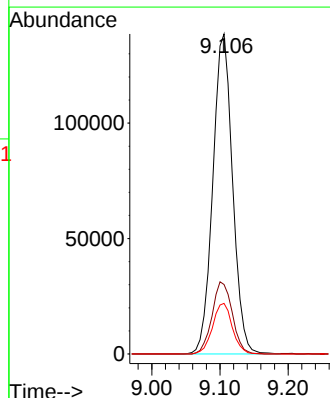
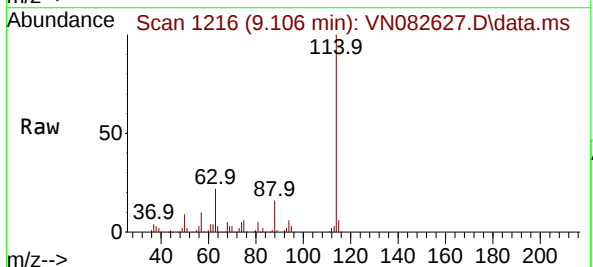
Tgt Ion:114 Resp: 279830

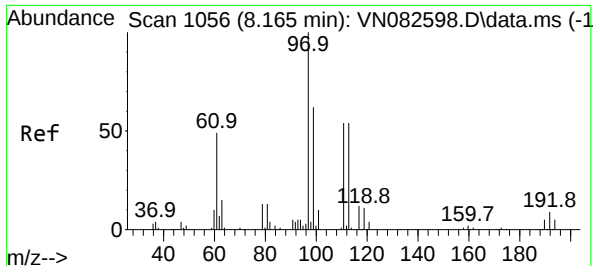
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

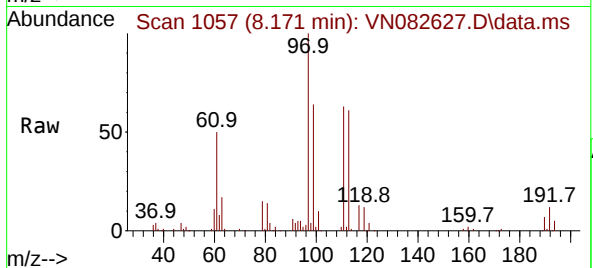
88 15.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 55.586 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

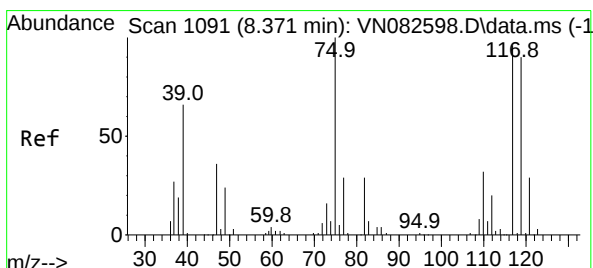
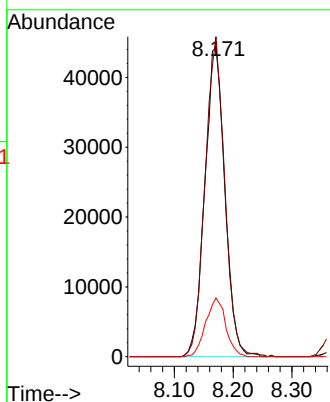
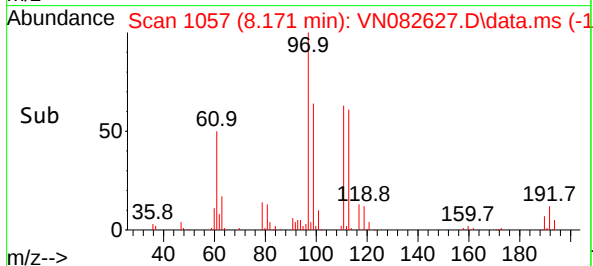
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



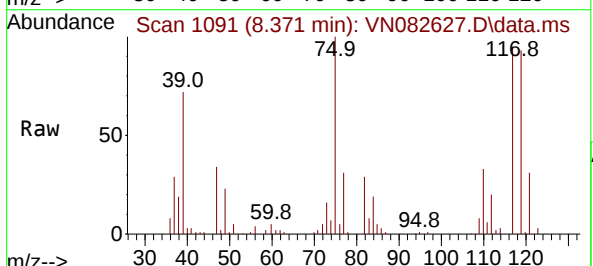
Tgt Ion: 113 Resp: 10552
Ion Ratio Lower Upper
113 100
111 100.3 82.4 123.6
192 18.9 14.9 22.3

Manual Integrations
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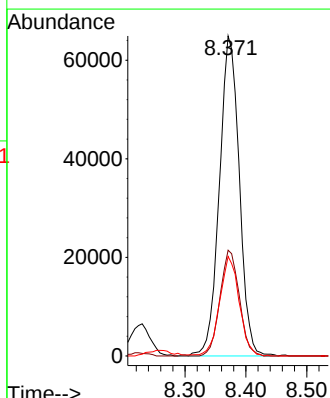
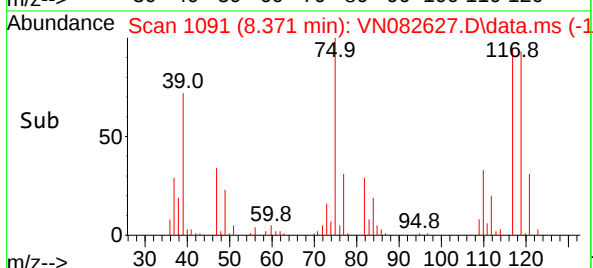
Reviewed By : John Carlone 06/19/2024
Supervised By : Mahesh Dadoda 06/19/2024

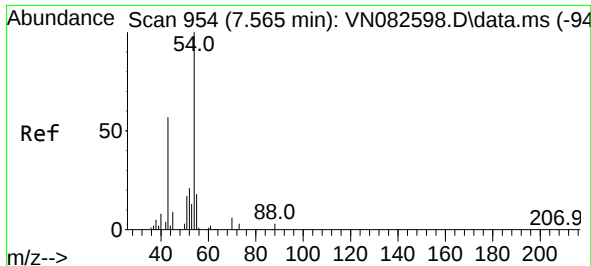


#36
1,1-Dichloropropene
Concen: 51.929 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48



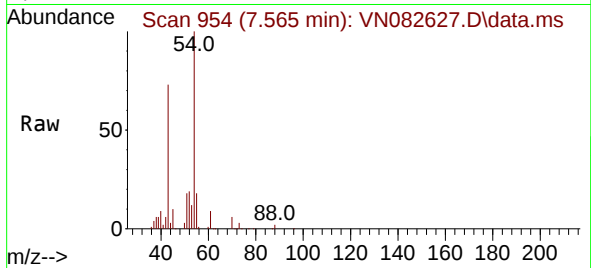
Tgt Ion: 75 Resp: 147364
Ion Ratio Lower Upper
75 100
110 32.1 16.3 48.9
77 30.7 24.6 37.0





#37
Ethyl Acetate
Concen: 52.613 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

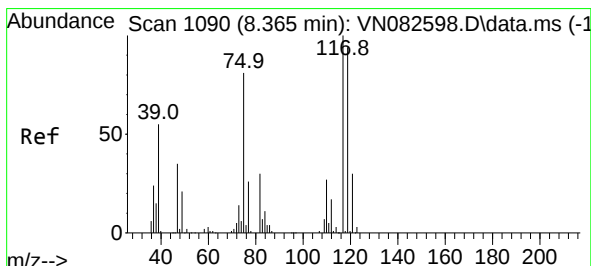
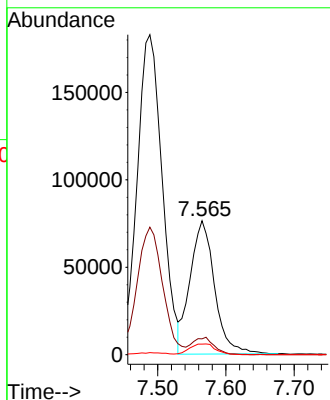
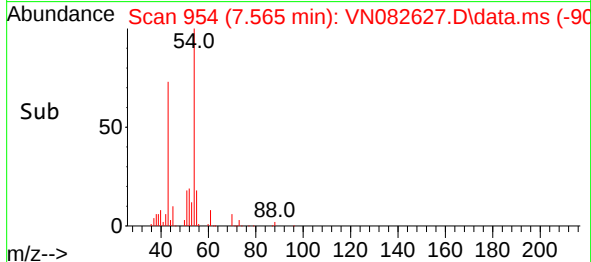
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 190180
Ion Ratio Lower Upper
43 100
61 11.5 9.3 13.9
70 8.5 7.0 10.6

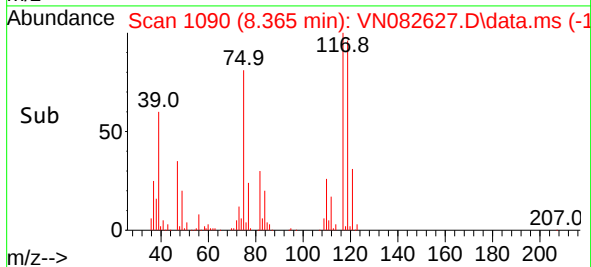
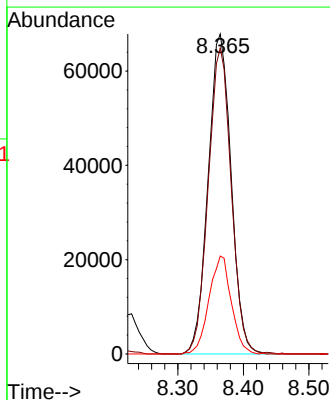
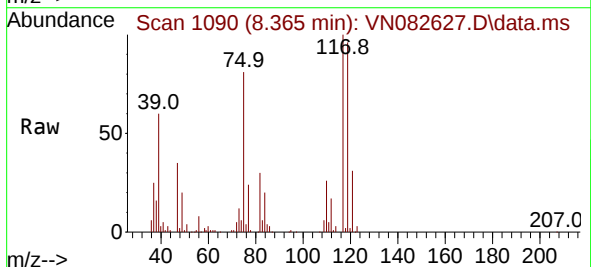
Manual Integrations
APPROVED

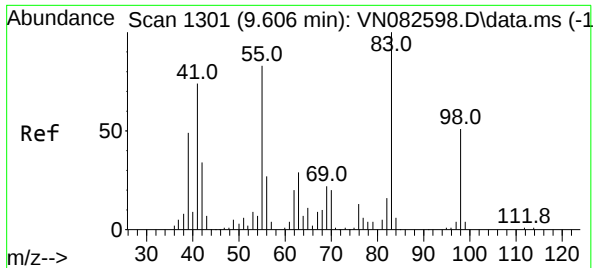
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#38
Carbon Tetrachloride
Concen: 51.559 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

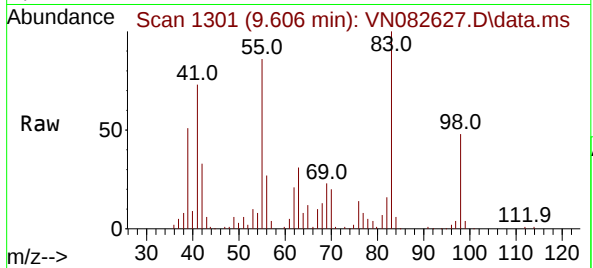
Tgt Ion:117 Resp: 164891
Ion Ratio Lower Upper
117 100
119 95.7 74.9 112.3
121 30.6 24.3 36.5





#39
Methylcyclohexane
Concen: 51.866 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

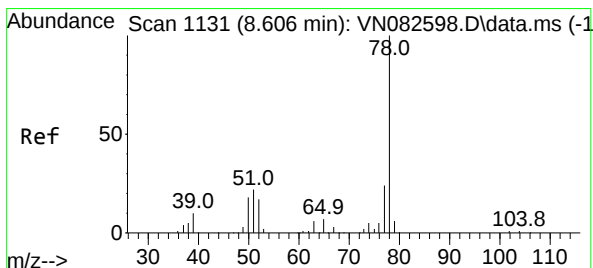
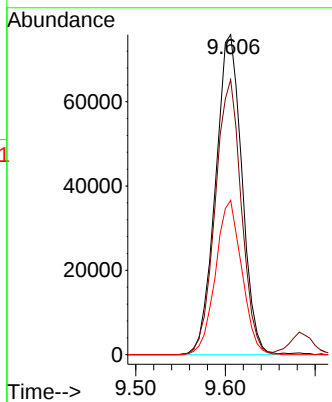
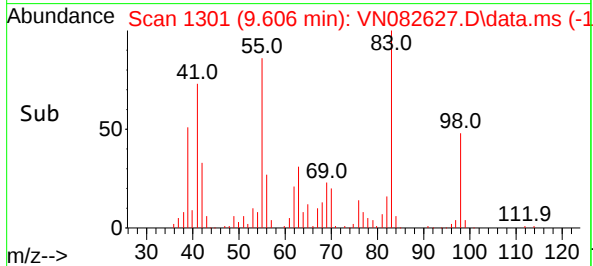
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



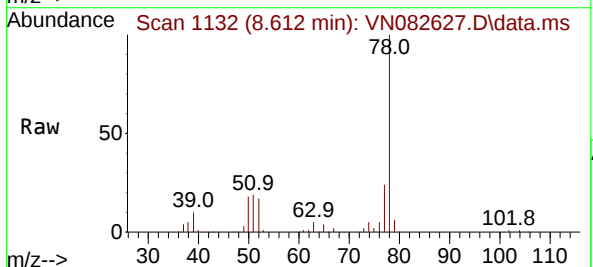
Tgt Ion: 83 Resp: 154898
Ion Ratio Lower Upper
83 100
55 85.9 66.4 99.6
98 48.3 40.7 61.1

Manual Integrations
APPROVED

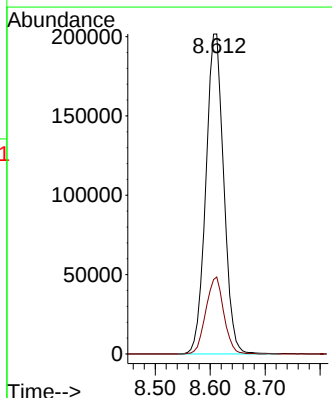
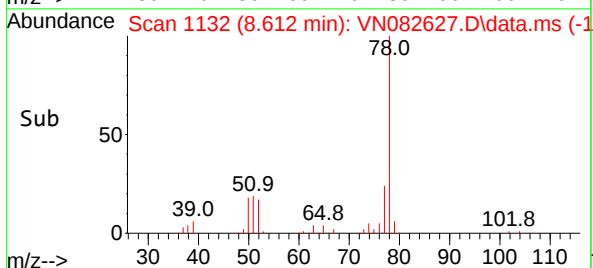
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

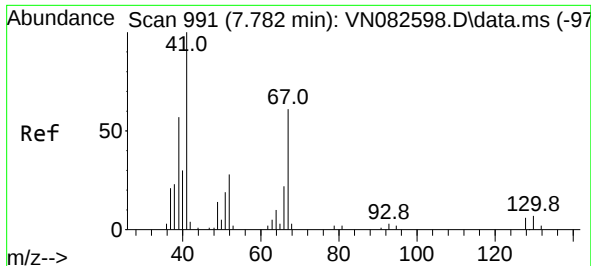


#40
Benzene
Concen: 51.934 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48



Tgt Ion: 78 Resp: 455388
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4





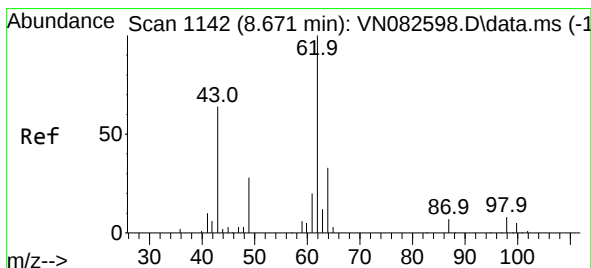
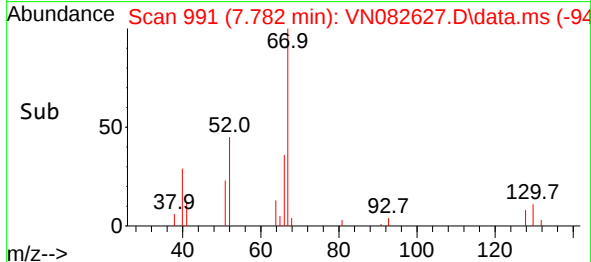
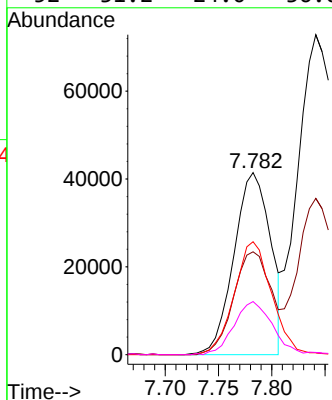
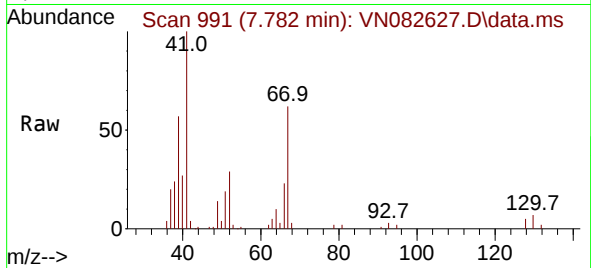
#41
Methacrylonitrile
Concen: 53.695 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 99210
Ion Ratio Lower Upper
41 100
39 57.3 45.5 68.3
67 63.5 50.5 75.7
52 31.2 24.0 36.0

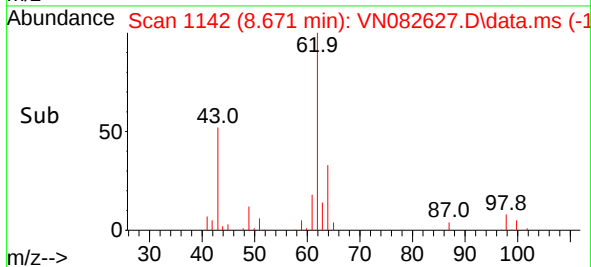
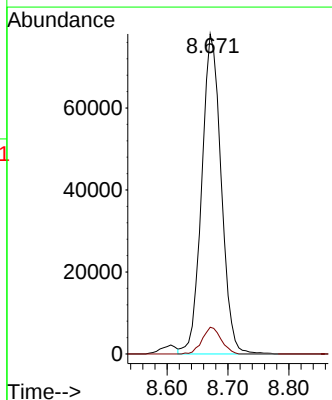
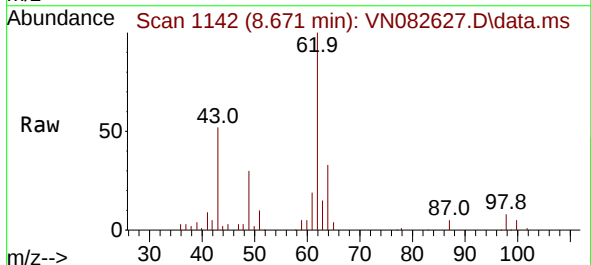
Manual Integrations
APPROVED

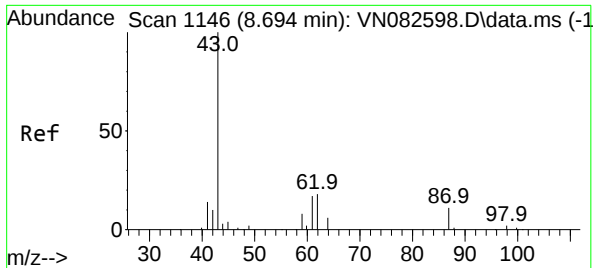
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#42
1,2-Dichloroethane
Concen: 51.981 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Tgt Ion: 62 Resp: 173373
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.8





#43

Isopropyl Acetate

Concen: 47.695 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 322208

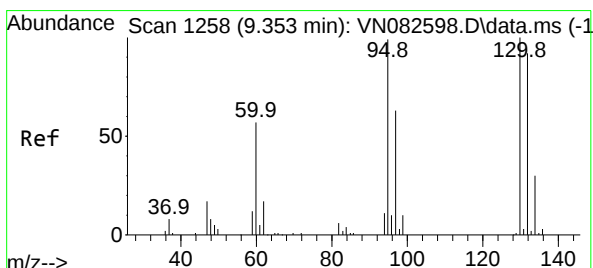
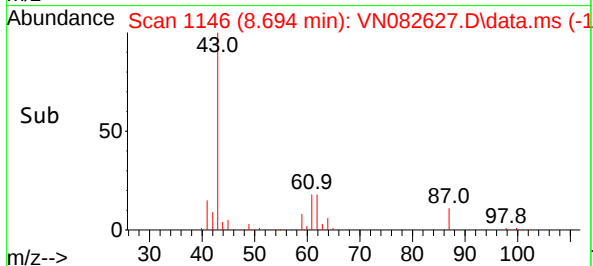
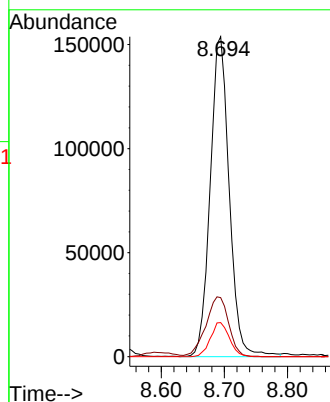
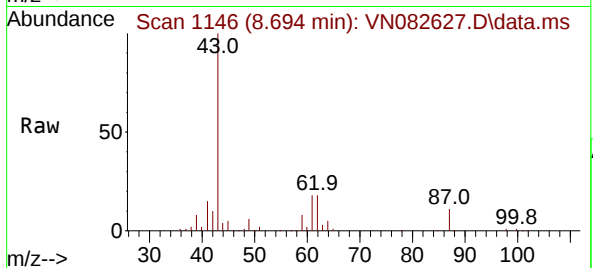
Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.8	26.6
87	10.6	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#44

Trichloroethene

Concen: 50.713 ug/l

RT: 9.353 min Scan# 1258

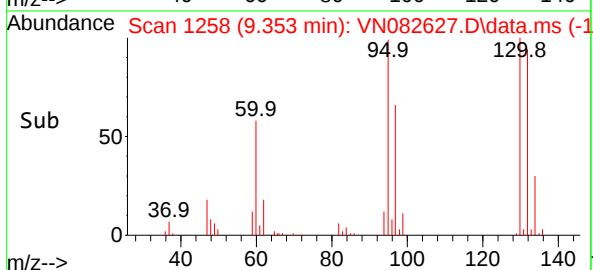
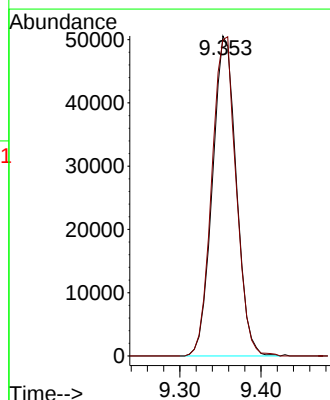
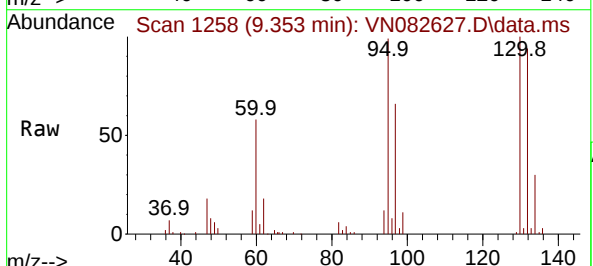
Delta R.T. 0.000 min

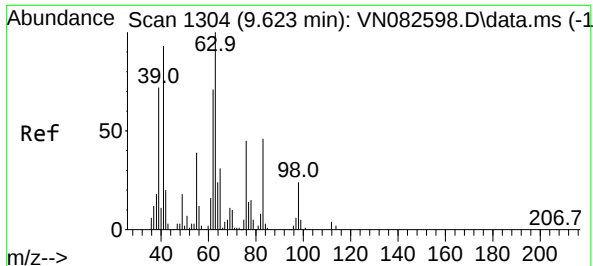
Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

Tgt Ion:130 Resp: 103256

Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	197.8





#45

1,2-Dichloropropane

Concen: 52.372 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11820

Ion Ratio Lower Upper

63 100

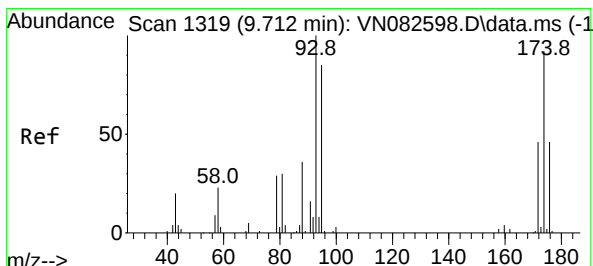
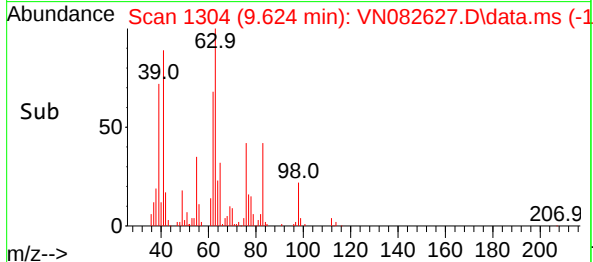
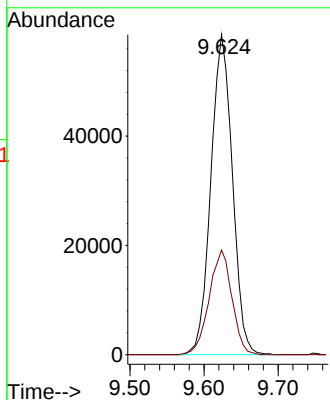
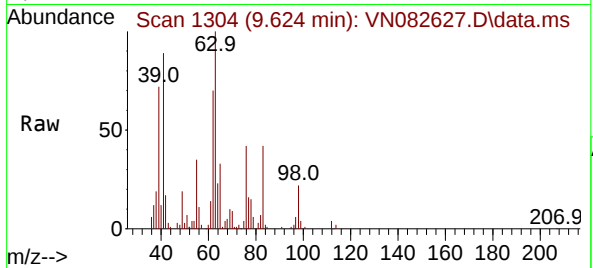
65 32.7 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#46

Dibromomethane

Concen: 52.616 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

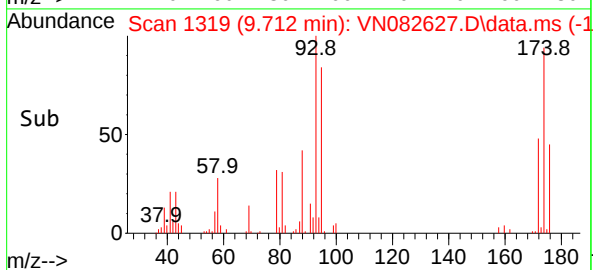
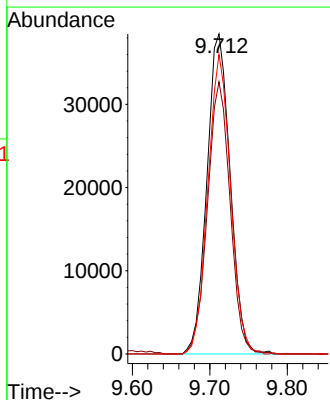
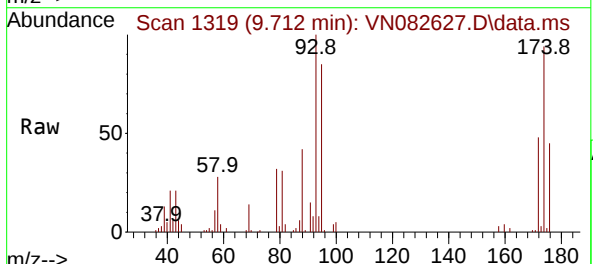
Tgt Ion: 93 Resp: 80500

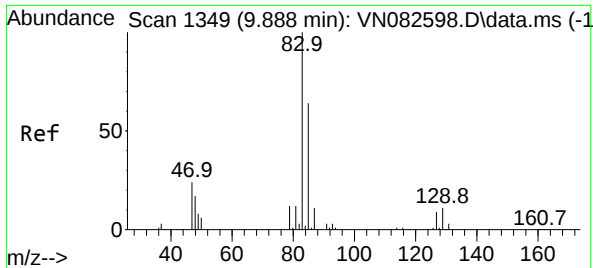
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

174 91.1 71.7 107.5





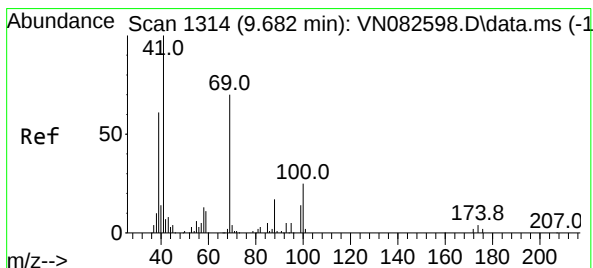
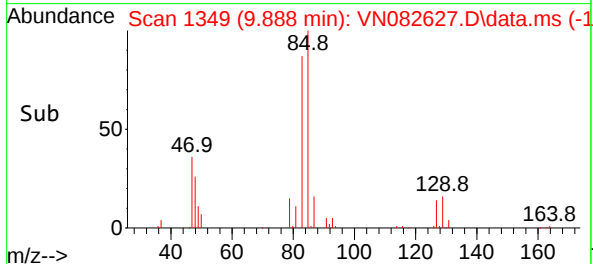
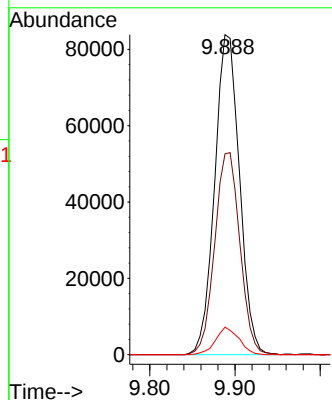
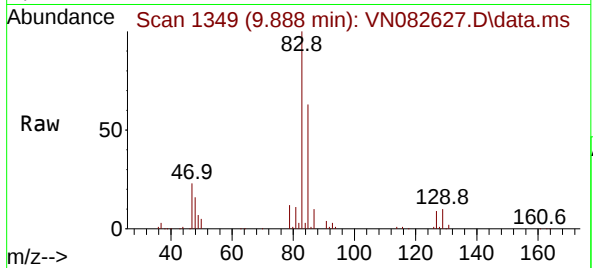
#47
Bromodichloromethane
Concen: 52.071 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 169840
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7
127 8.6 7.2 10.8

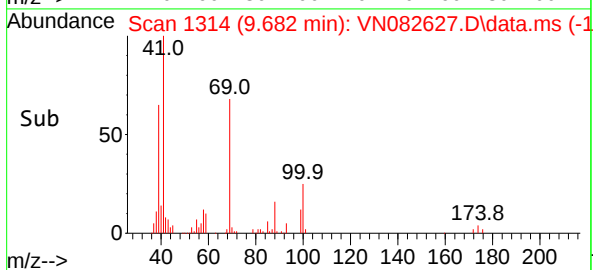
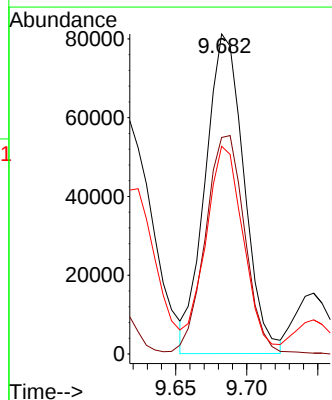
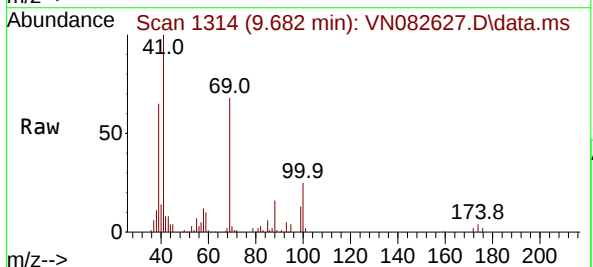
Manual Integrations
APPROVED

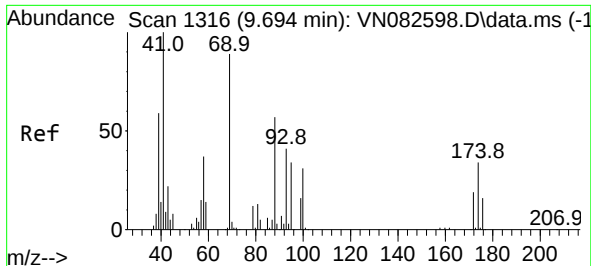
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#48
Methyl methacrylate
Concen: 55.267 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

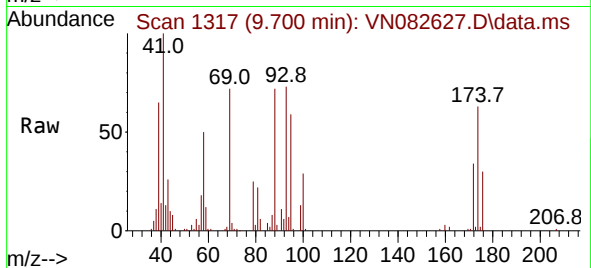
Tgt Ion: 41 Resp: 153915
Ion Ratio Lower Upper
41 100
69 69.8 56.3 84.5
39 64.4 50.3 75.5





#49
1,4-Dioxane
Concen: 1252.859 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

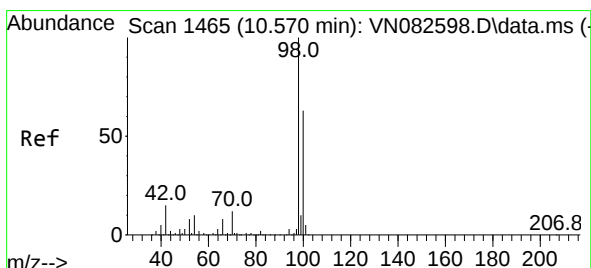
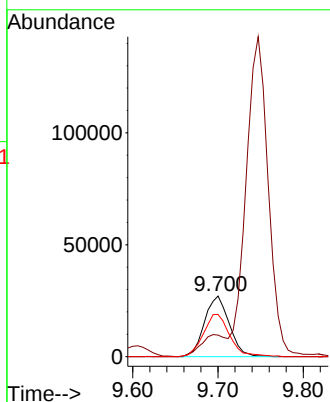
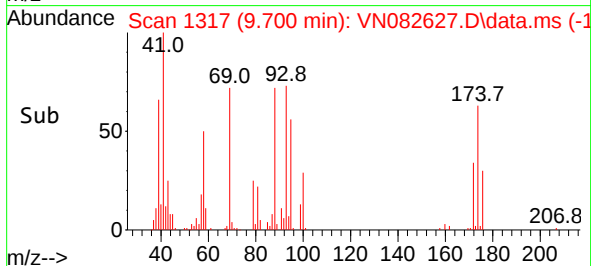
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 54570
Ion Ratio Lower Upper
88 100
43 38.2 27.8 41.8
58 75.0 59.4 89.0

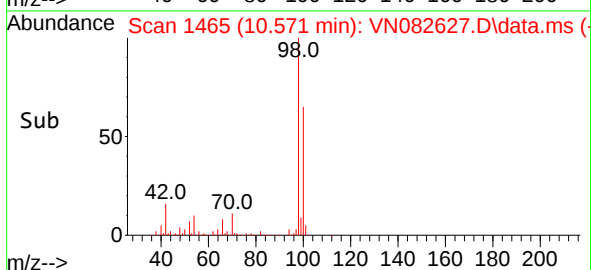
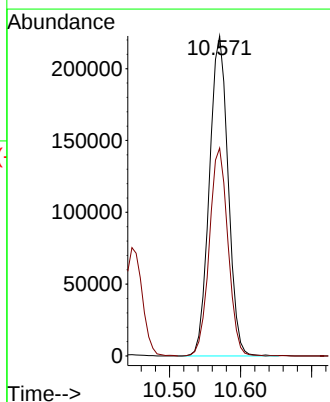
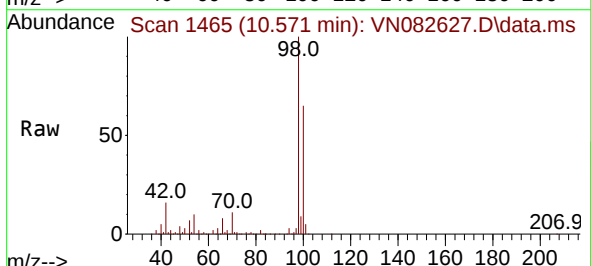
Manual Integrations
APPROVED

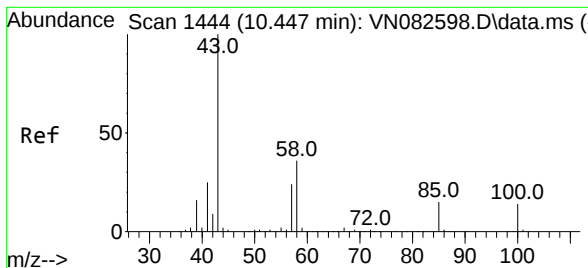
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#50
Toluene-d8
Concen: 56.778 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Tgt Ion: 98 Resp: 407598
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3





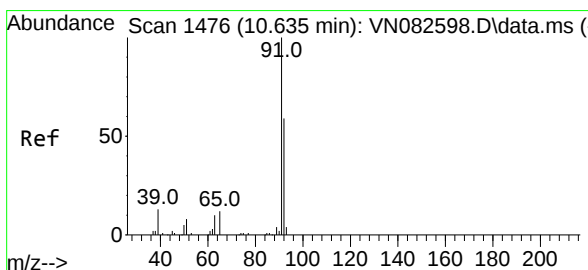
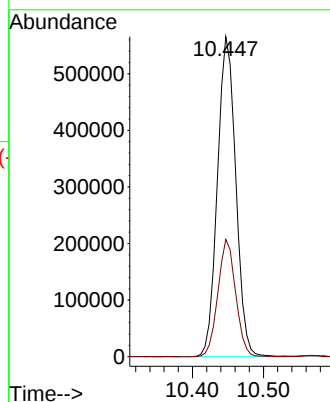
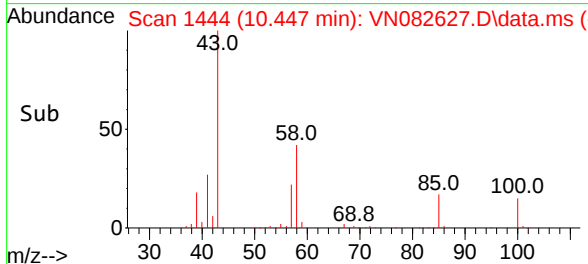
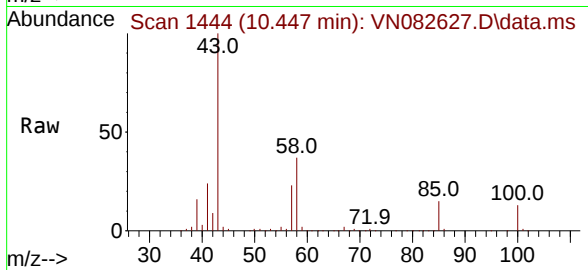
#51
4-Methyl-2-Pentanone
Concen: 292.381 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 101310
Ion Ratio Lower Upper
43 100
58 35.4 28.2 42.4

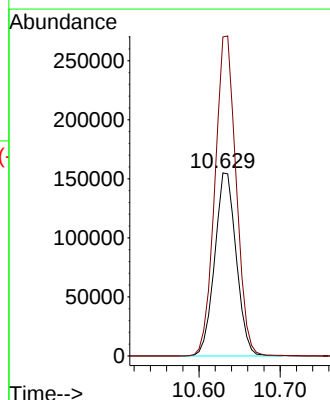
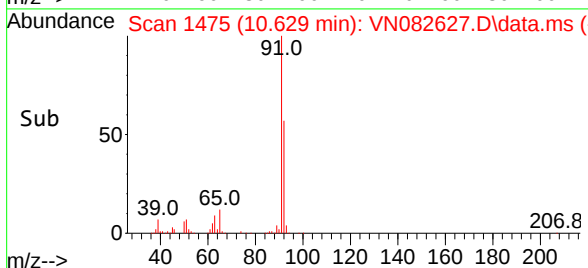
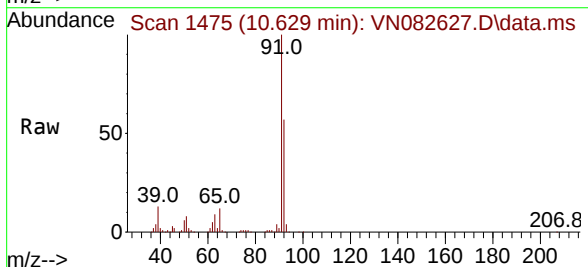
Manual Integrations
APPROVED

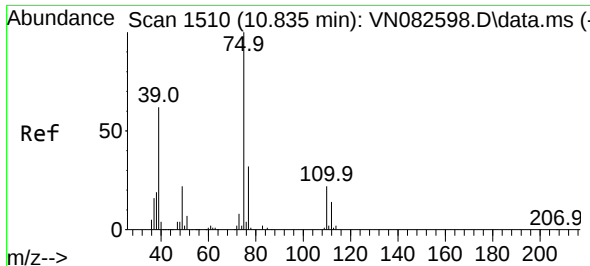
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#52
Toluene
Concen: 53.790 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

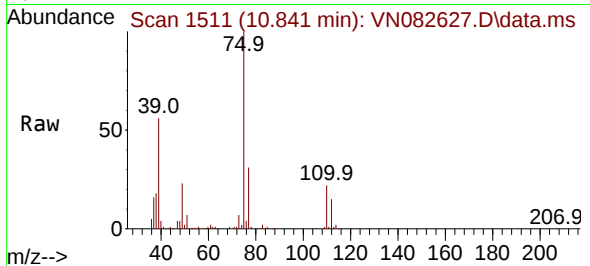
Tgt Ion: 92 Resp: 285841
Ion Ratio Lower Upper
92 100
91 172.9 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 53.067 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

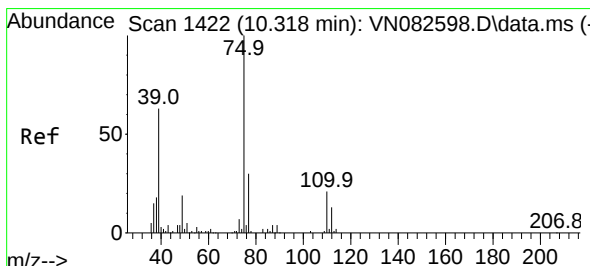
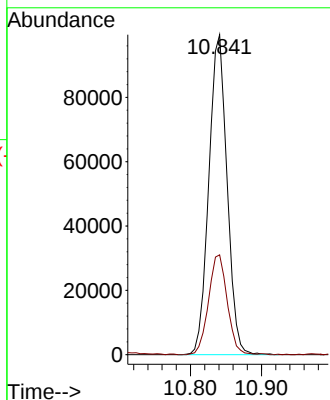
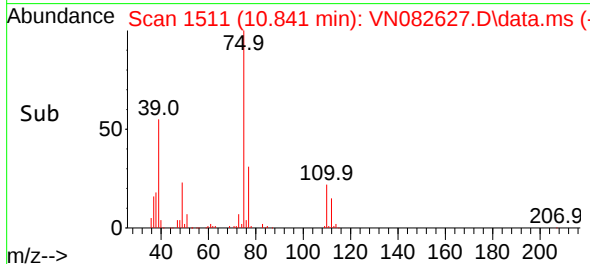
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



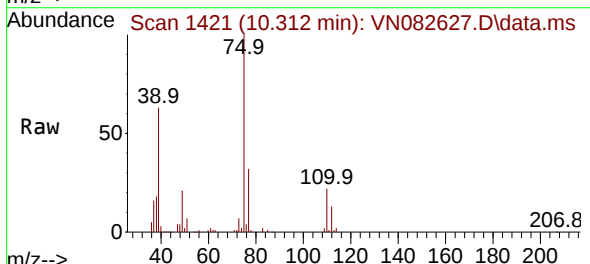
Tgt Ion: 75 Resp: 17695
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5

Manual Integrations
APPROVED

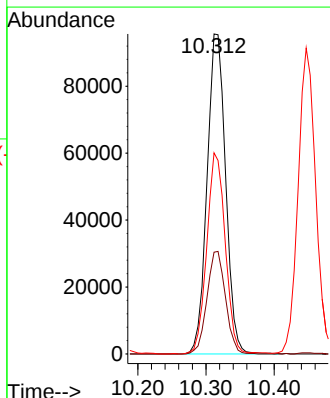
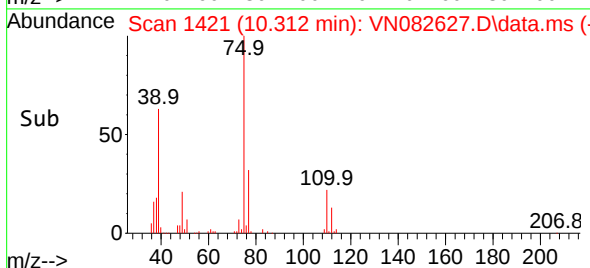
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

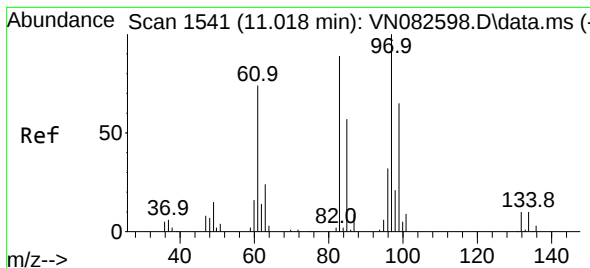


#54
cis-1,3-Dichloropropene
Concen: 52.604 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48



Tgt Ion: 75 Resp: 181390
Ion Ratio Lower Upper
75 100
77 31.8 24.3 36.5
39 62.9 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 54.774 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN082627.D

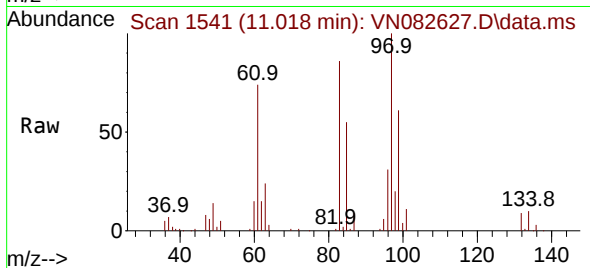
Acq: 18 Jun 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 10535

Ion Ratio Lower Upper

97 100

83 85.8 71.4 107.0

85 54.9 45.8 68.6

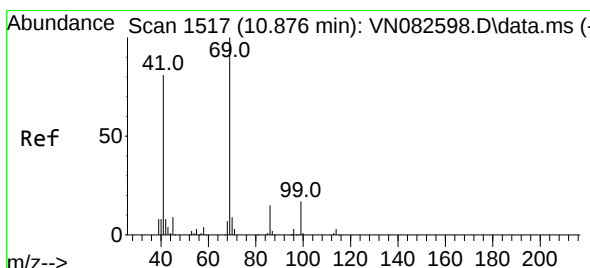
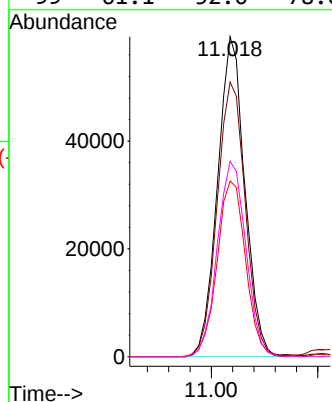
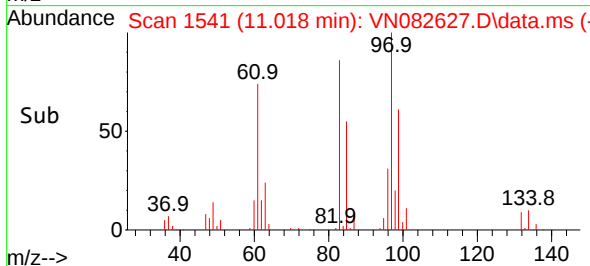
99 61.1 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#56

Ethyl methacrylate

Concen: 57.286 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

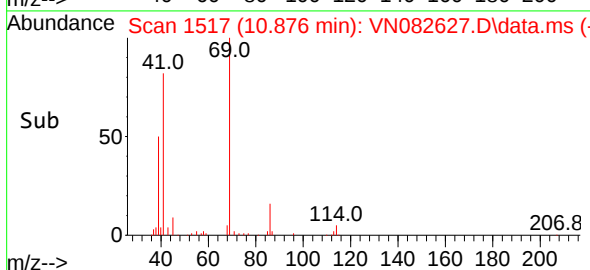
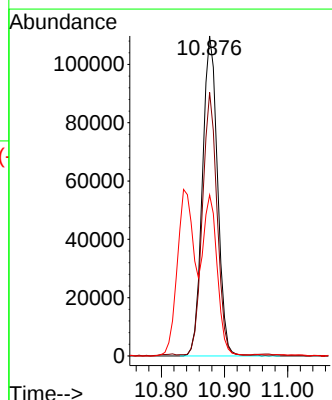
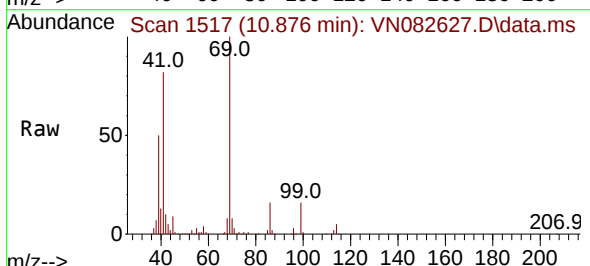
Tgt Ion: 69 Resp: 182487

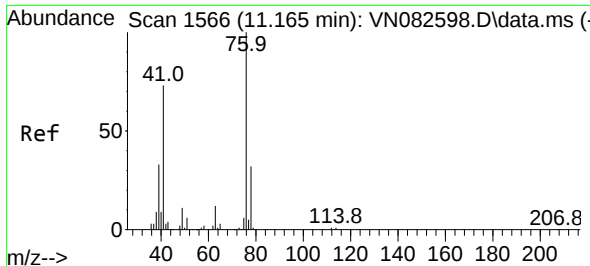
Ion Ratio Lower Upper

69 100

41 79.4 63.4 95.2

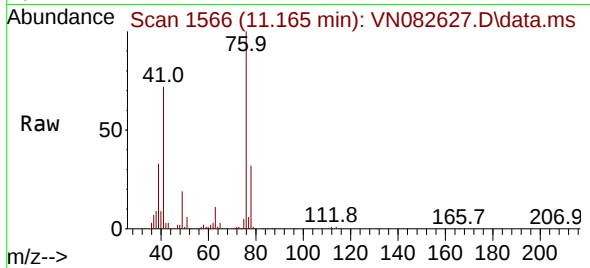
39 46.6 37.4 56.0





#57
1,3-Dichloropropane
Concen: 54.150 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

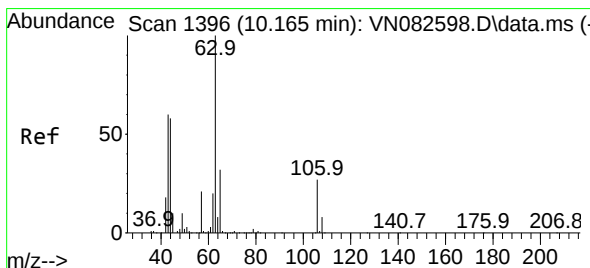
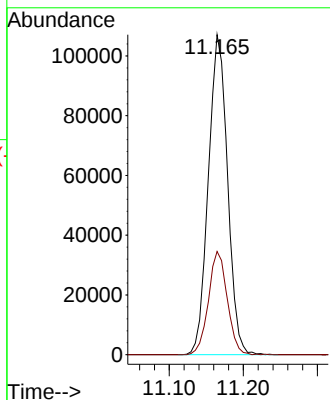
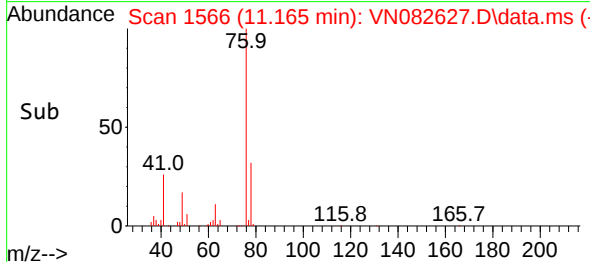
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 19253
Ion Ratio Lower Upper
76 100
78 31.6 25.6 38.4

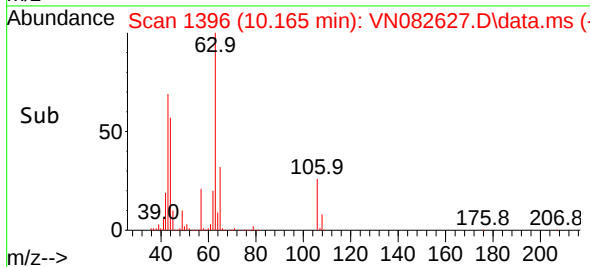
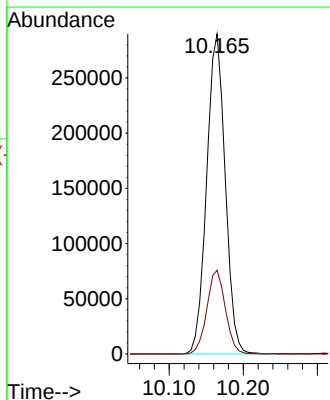
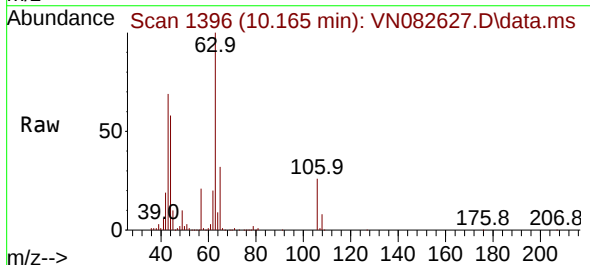
Manual Integrations
APPROVED

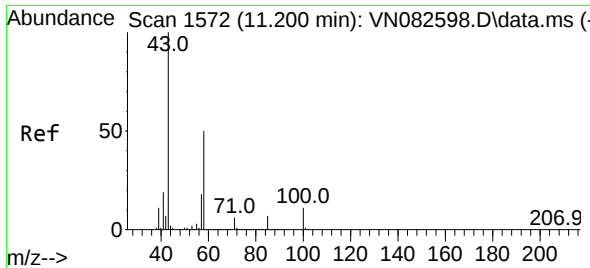
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 298.661 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Tgt Ion: 63 Resp: 503290
Ion Ratio Lower Upper
63 100
106 26.1 21.4 32.0





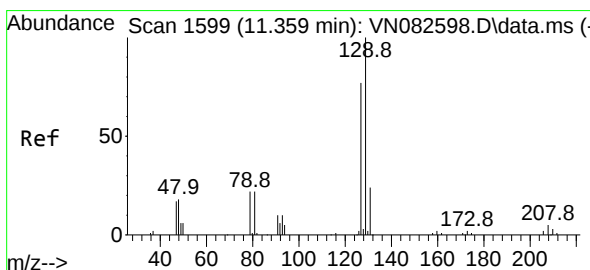
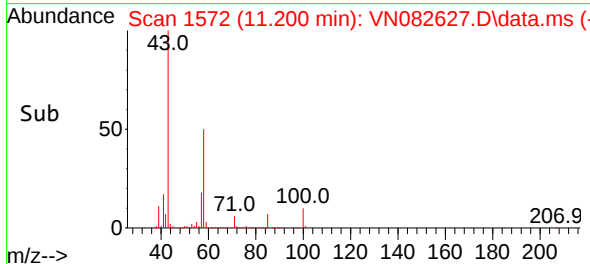
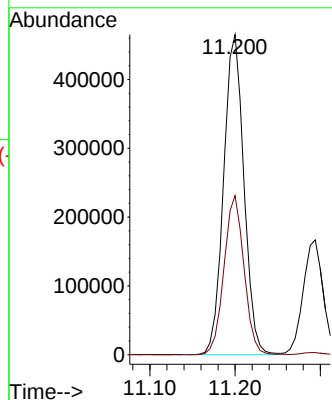
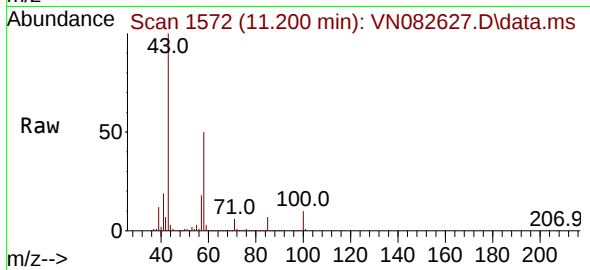
#59
2-Hexanone
Concen: 292.754 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 770988
Ion Ratio Lower Upper
43 100
58 48.9 24.6 73.8

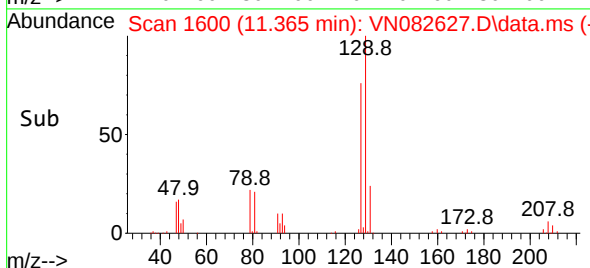
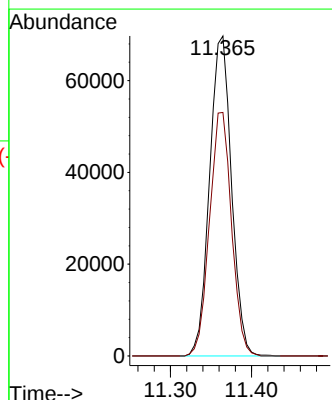
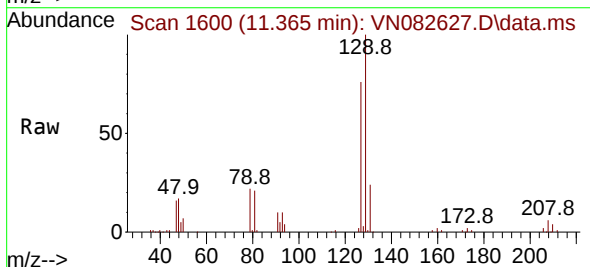
Manual Integrations
APPROVED

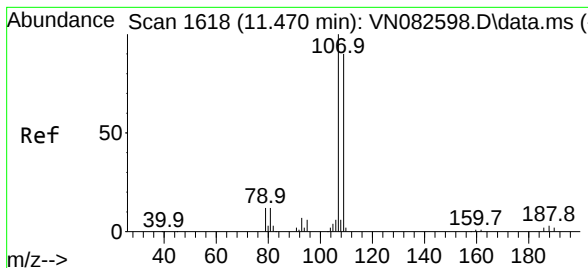
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#60
Dibromochloromethane
Concen: 55.705 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

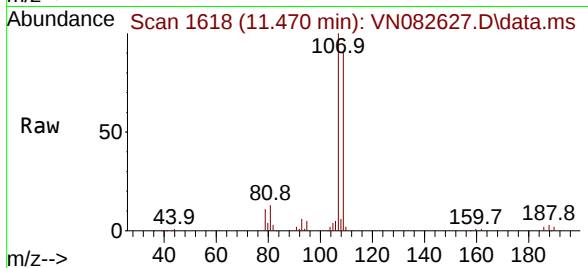
Tgt Ion:129 Resp: 130787
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 54.698 ug/l
RT: 11.470 min Scan# 110920
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

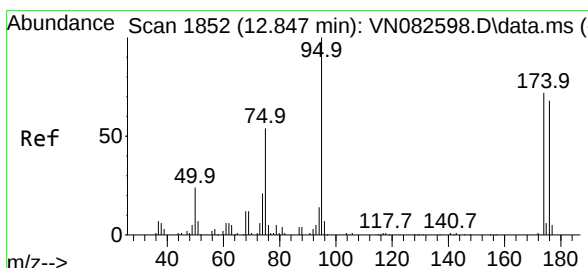
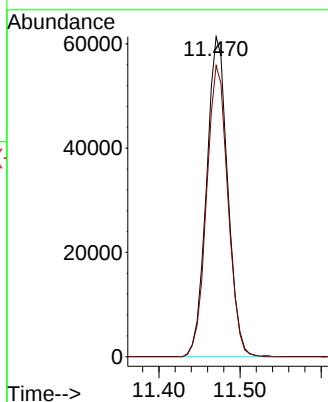
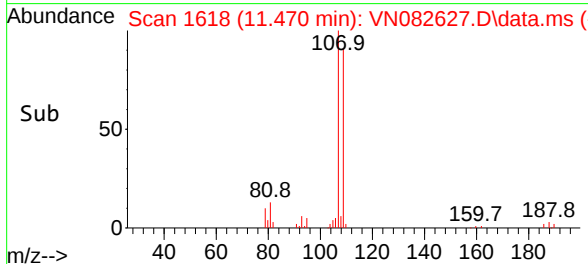
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



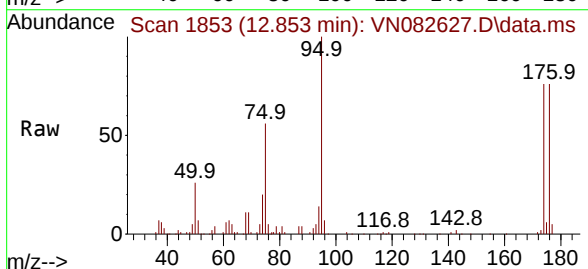
Tgt Ion:107 Resp: 110920
Ion Ratio Lower Upper
107 100
109 91.6 73.7 110.5

Manual Integrations
APPROVED

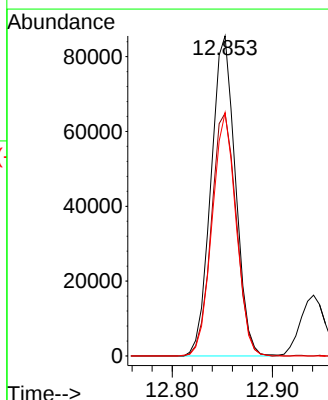
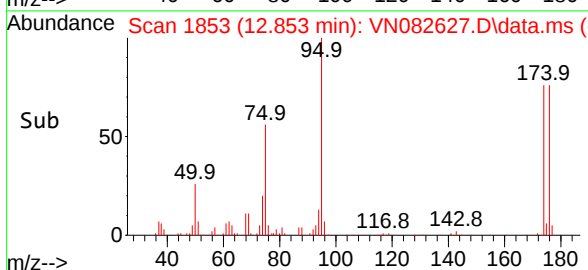
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

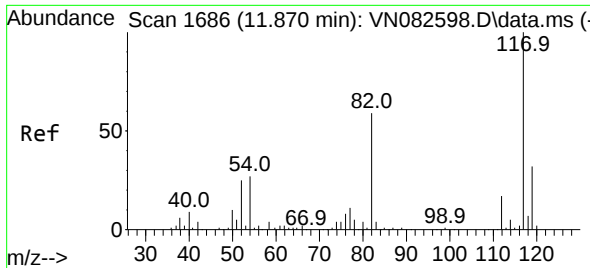


#62
4-Bromofluorobenzene
Concen: 58.483 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48



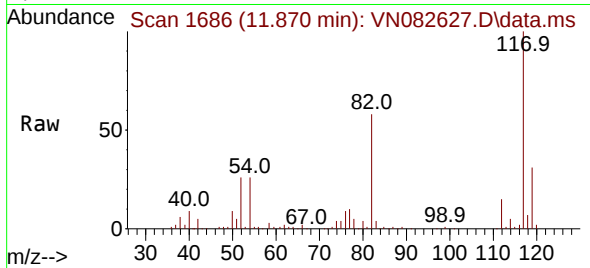
Tgt Ion: 95 Resp: 144746
Ion Ratio Lower Upper
95 100
174 77.6 0.0 159.2
176 74.5 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

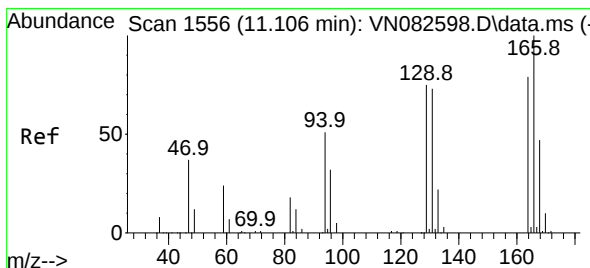
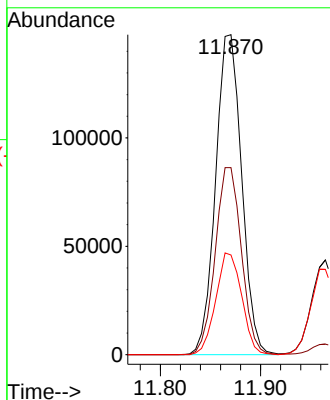
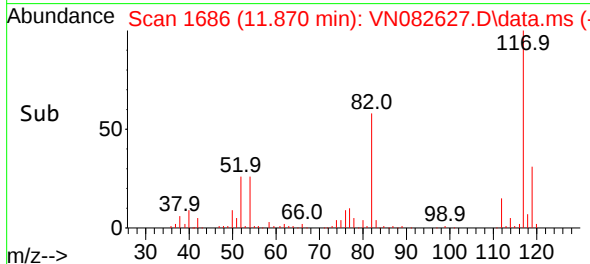
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



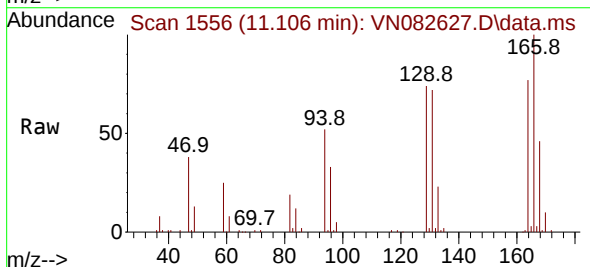
Tgt Ion:117 Resp: 267014
Ion Ratio Lower Upper
117 100
82 58.4 47.5 71.3
119 31.2 25.6 38.4

Manual Integrations
APPROVED

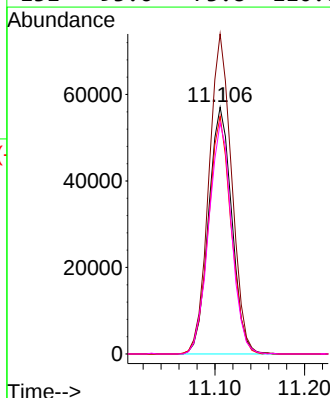
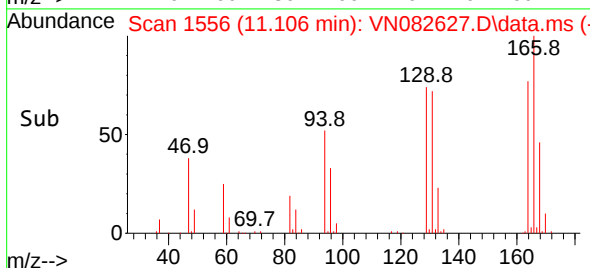
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

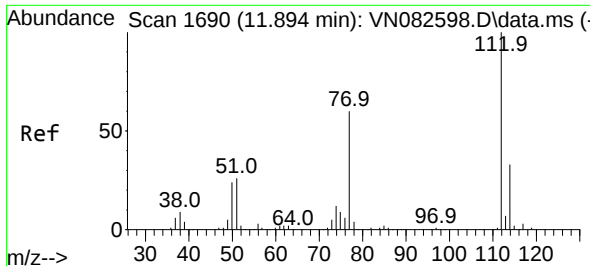


#64
Tetrachloroethene
Concen: 46.527 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48



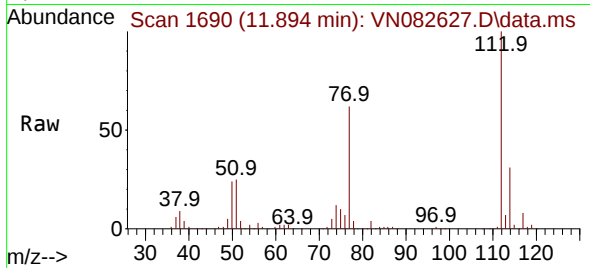
Tgt Ion:164 Resp: 102433
Ion Ratio Lower Upper
164 100
166 129.7 101.4 152.0
129 96.3 75.7 113.5
131 93.6 73.8 110.6





#65
Chlorobenzene
Concen: 49.861 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

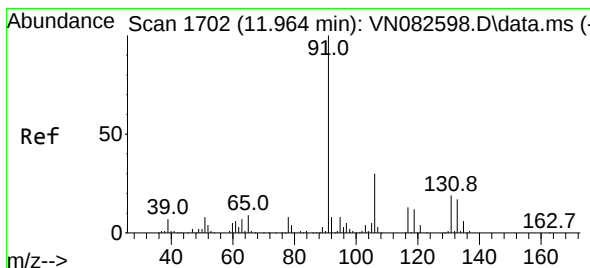
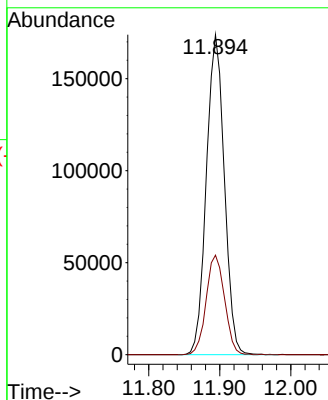
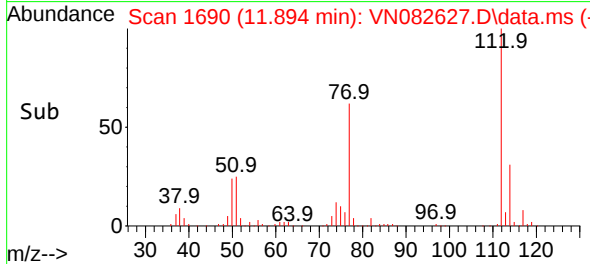
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



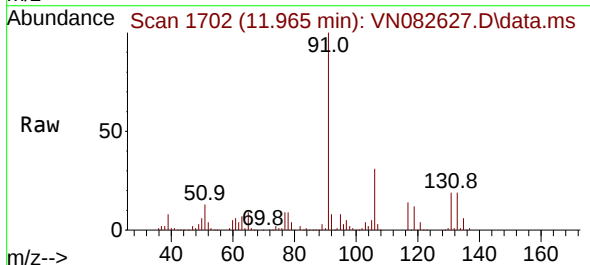
Tgt Ion:112 Resp: 30530
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2

Manual Integrations
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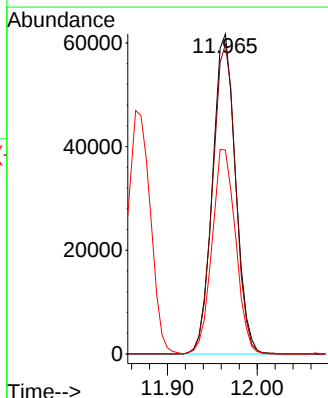
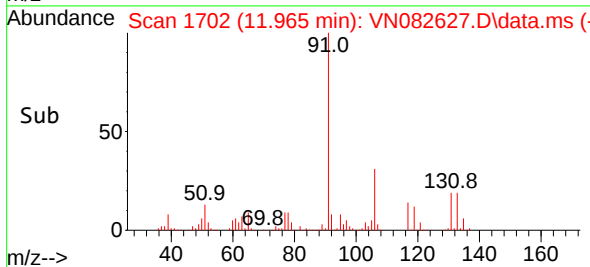
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

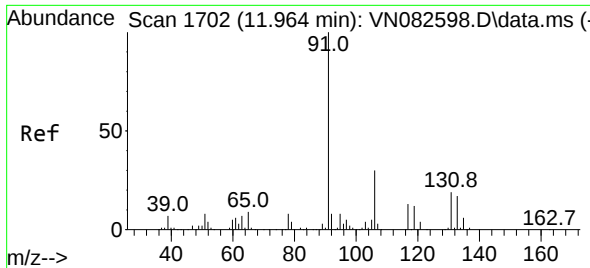


#66
1,1,1,2-Tetrachloroethane
Concen: 50.320 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48



Tgt Ion:131 Resp: 109866
Ion Ratio Lower Upper
131 100
133 97.1 47.3 142.0
119 65.6 32.5 97.4





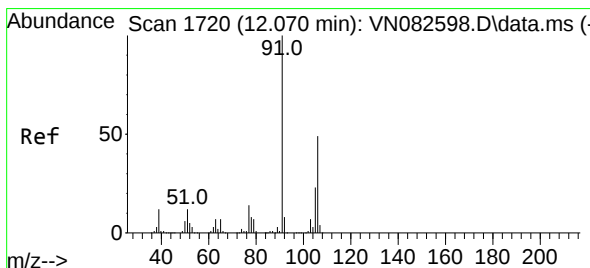
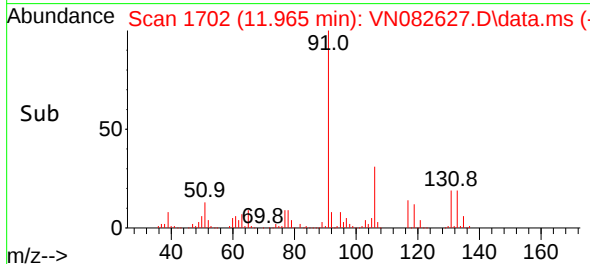
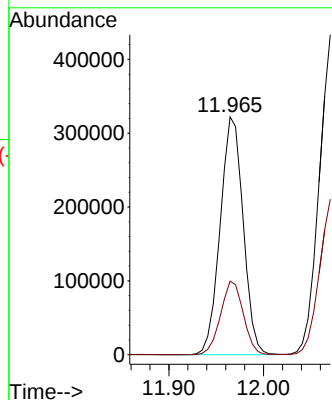
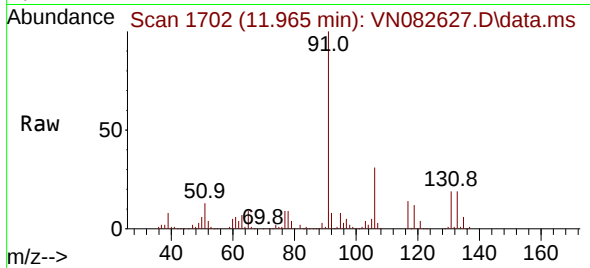
#67
Ethyl Benzene
Concen: 52.084 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 543404
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0

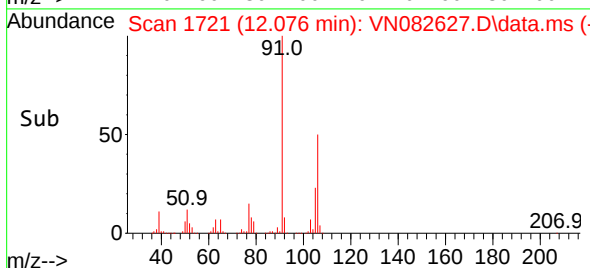
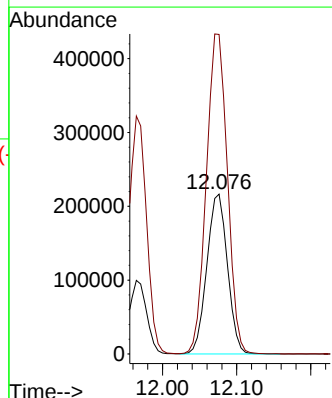
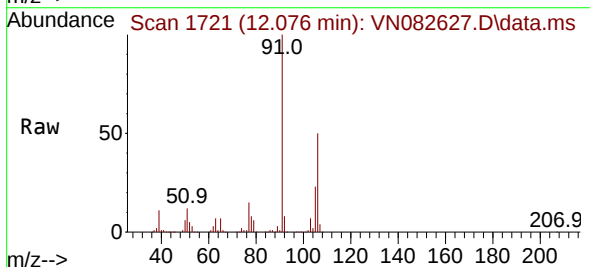
Manual Integrations
APPROVED

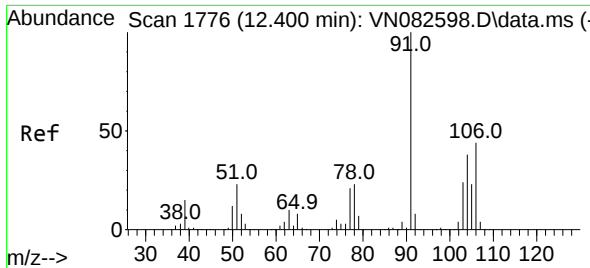
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#68
m/p-Xylenes
Concen: 107.742 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Tgt Ion:106 Resp: 418196
Ion Ratio Lower Upper
106 100
91 204.5 166.1 249.1





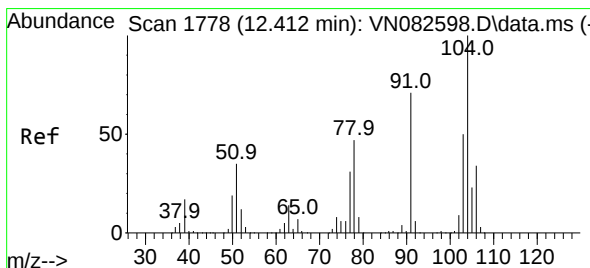
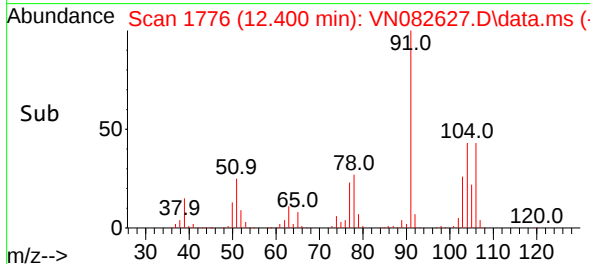
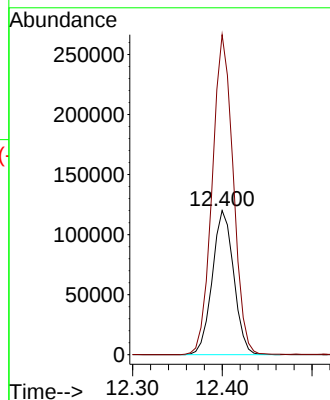
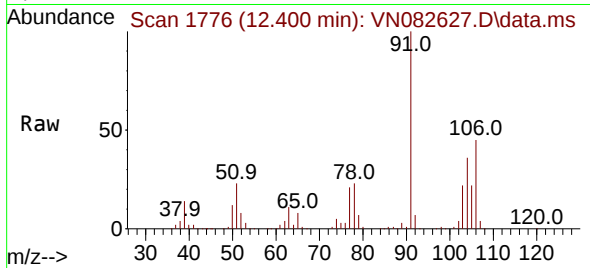
#69
o-Xylene
Concen: 54.494 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 19872
Ion Ratio Lower Upper
106 100
91 218.2 111.3 333.9

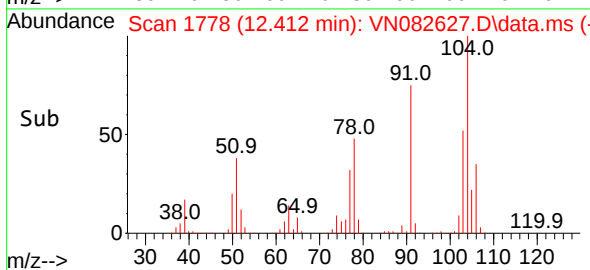
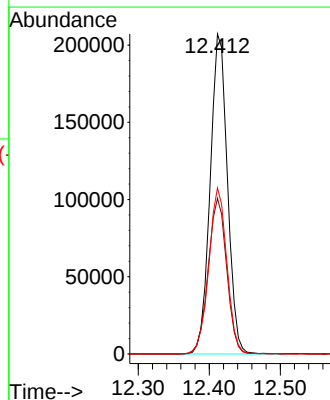
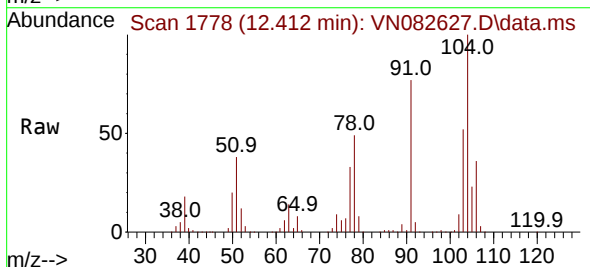
Manual Integrations
APPROVED

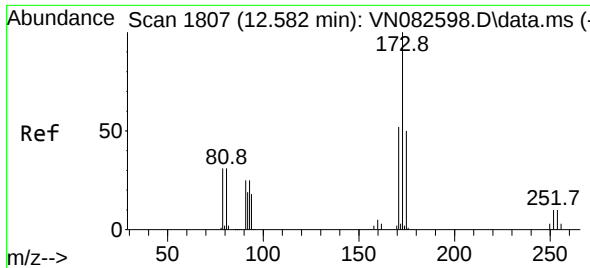
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#70
Styrene
Concen: 56.568 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

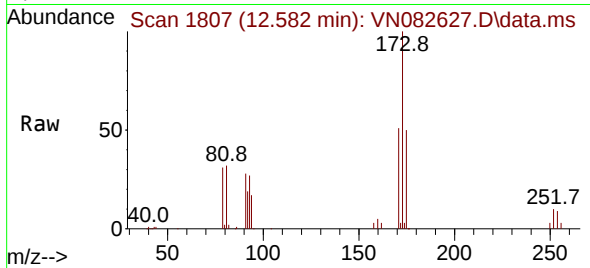
Tgt Ion:104 Resp: 350116
Ion Ratio Lower Upper
104 100
78 52.2 41.6 62.4
103 54.2 44.0 66.0





#71
Bromoform
Concen: 52.914 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

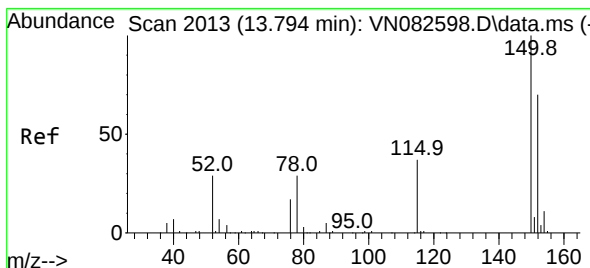
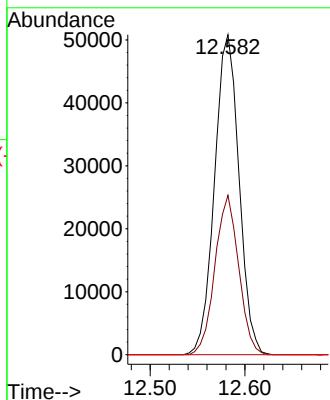
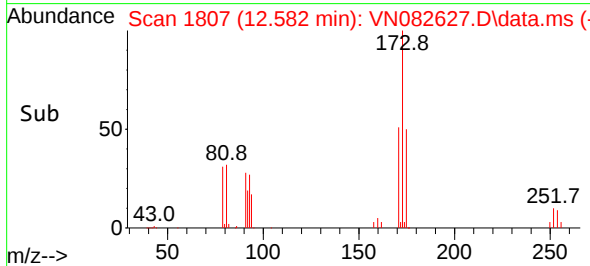
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



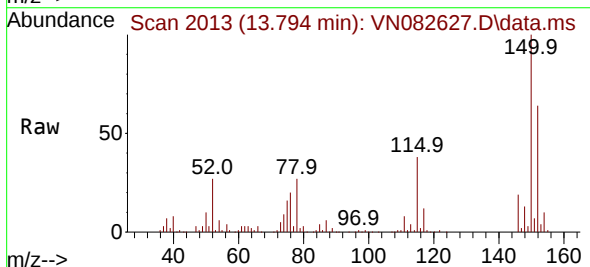
Tgt Ion:173 Resp: 91340
Ion Ratio Lower Upper
173 100
175 48.2 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

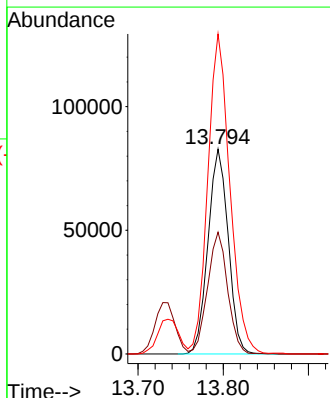
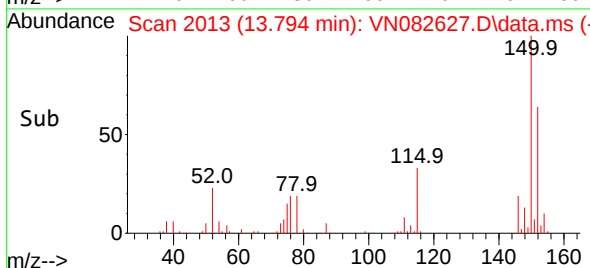
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

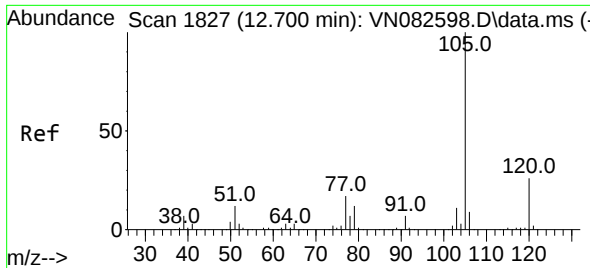


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48



Tgt Ion:152 Resp: 136508
Ion Ratio Lower Upper
152 100
115 59.1 30.6 91.6
150 170.6 0.0 348.6





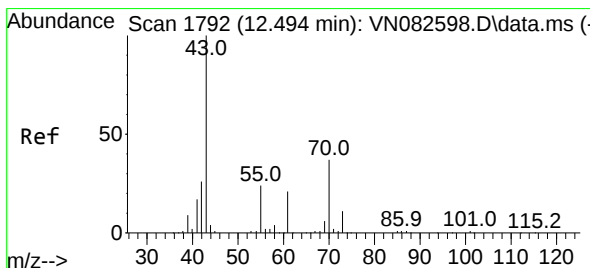
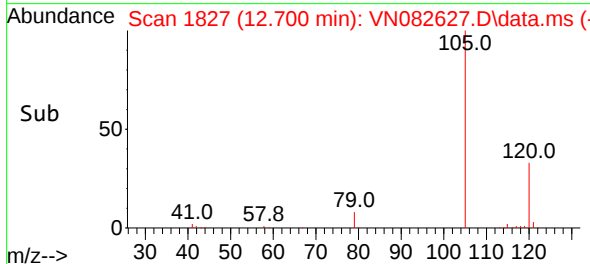
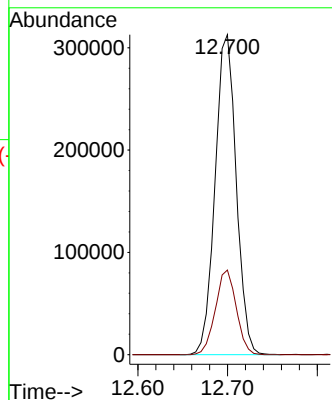
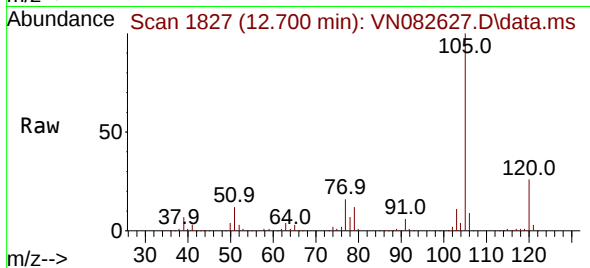
#73
Isopropylbenzene
Concen: 49.355 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 511605
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

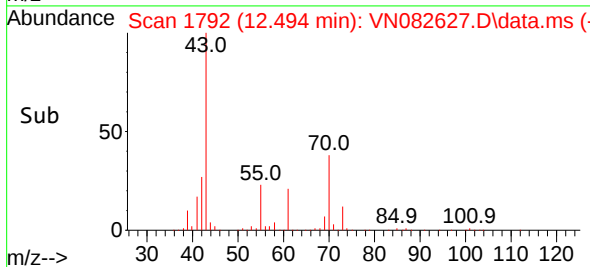
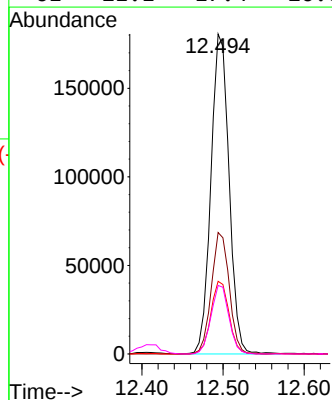
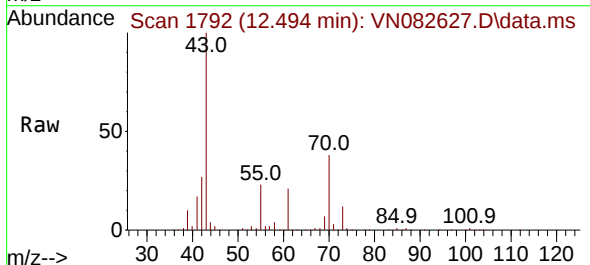
Manual Integrations
APPROVED

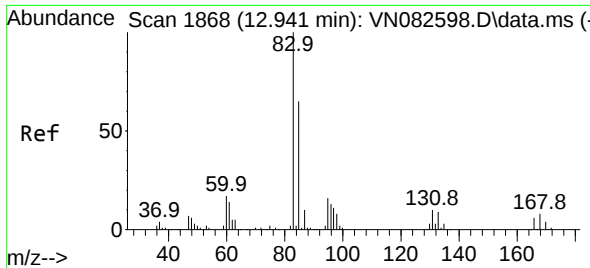
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#74
N-ethyl acetate
Concen: 50.737 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

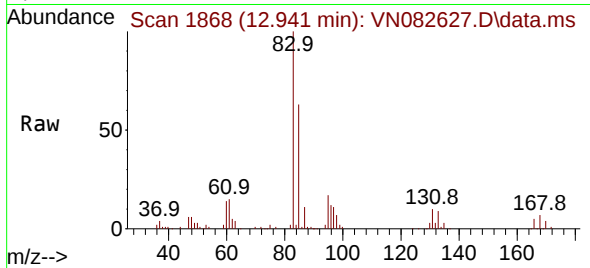
Tgt Ion: 43 Resp: 280685
Ion Ratio Lower Upper
43 100
70 37.3 29.8 44.6
55 22.7 18.7 28.1
61 21.1 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 48.087 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

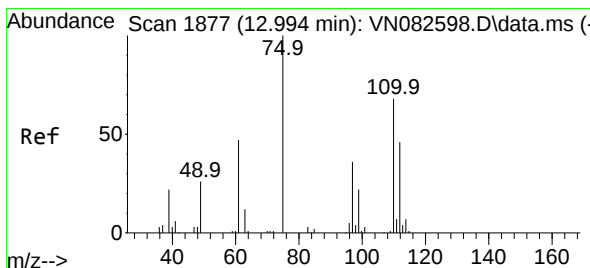
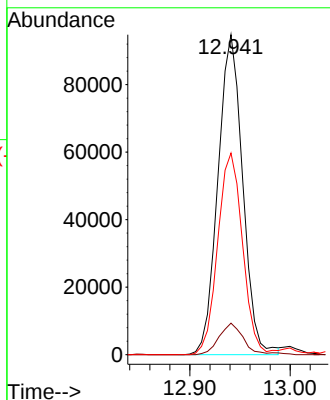
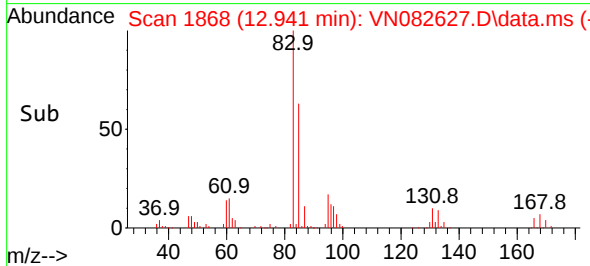
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 16259
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 63.4 31.9 95.7

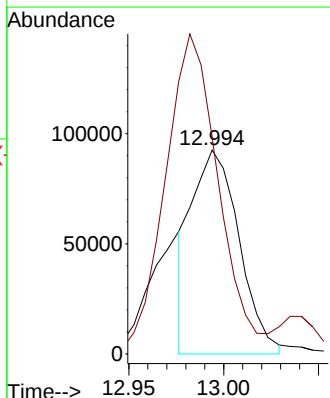
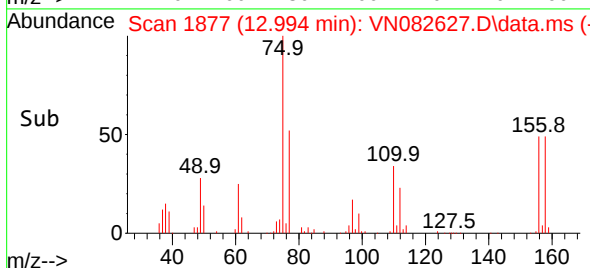
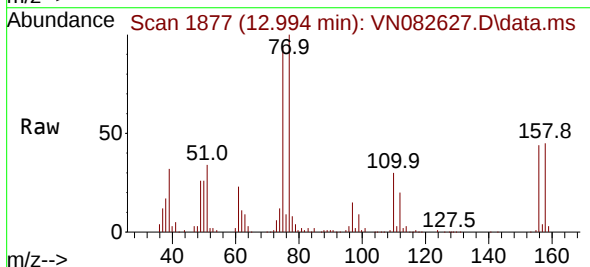
Manual Integrations
APPROVED

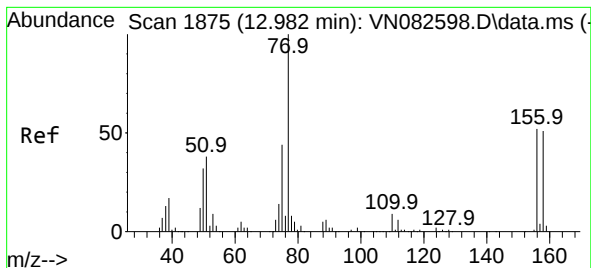
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#76
1,2,3-Trichloropropane
Concen: 47.973 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Tgt Ion: 75 Resp: 160172
Ion Ratio Lower Upper
75 100
77 177.6 110.9 332.6





#77

Bromobenzene

Concen: 47.476 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

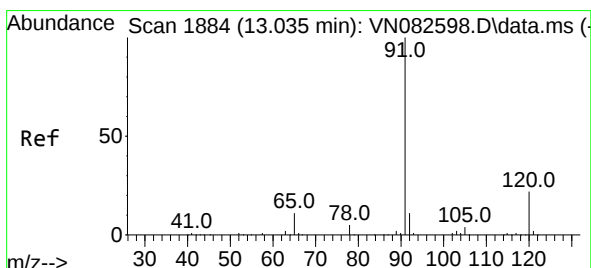
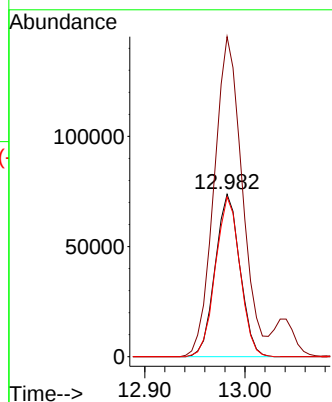
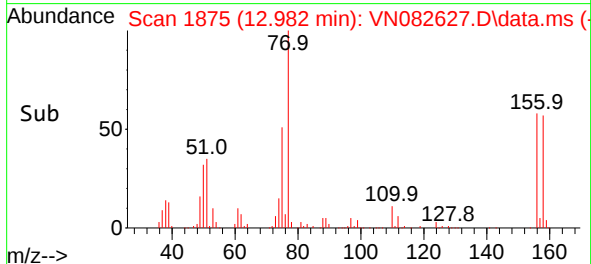
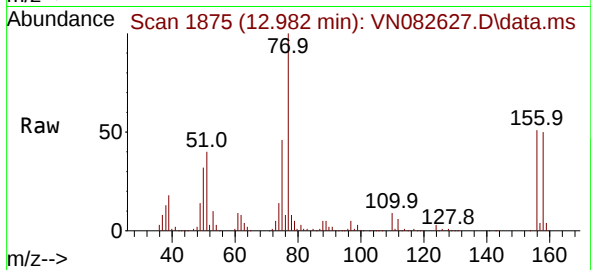
Tgt Ion:156 Resp: 126673
 Ion Ratio Lower Upper
 156 100
 77 224.6 111.3 333.8
 158 97.2 48.3 144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#78

n-propylbenzene

Concen: 50.280 ug/l

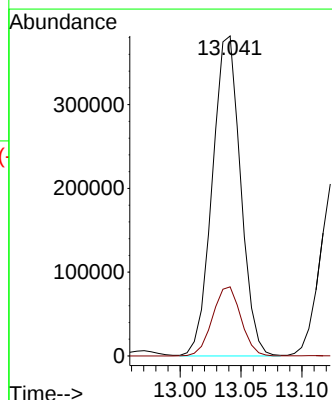
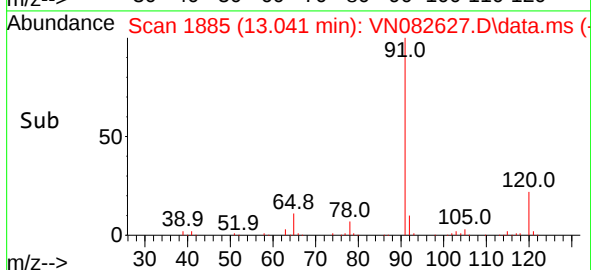
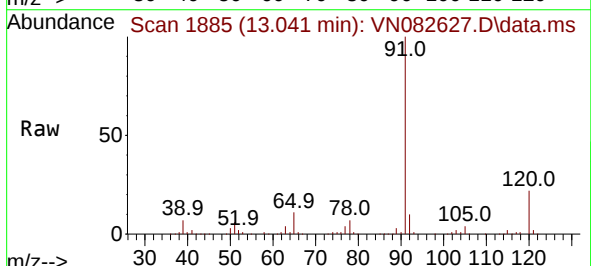
RT: 13.041 min Scan# 1885

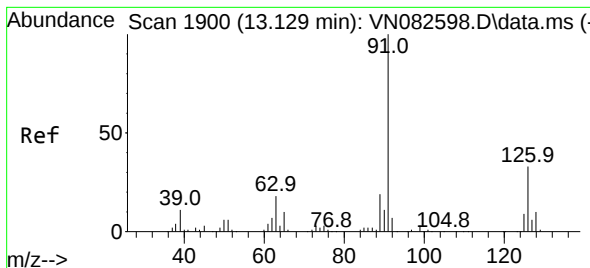
Delta R.T. 0.006 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

Tgt Ion: 91 Resp: 616507
 Ion Ratio Lower Upper
 91 100
 120 21.7 10.9 32.9





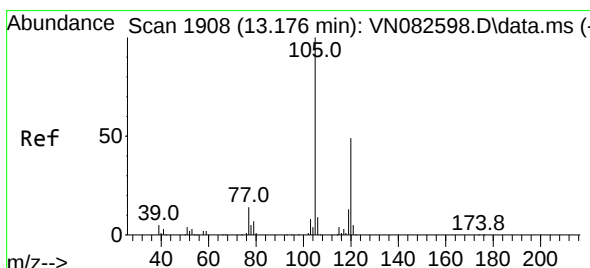
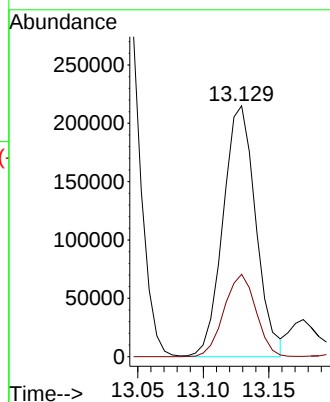
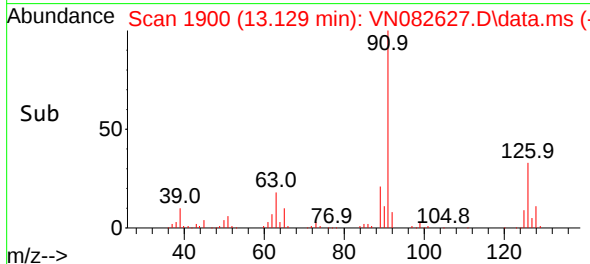
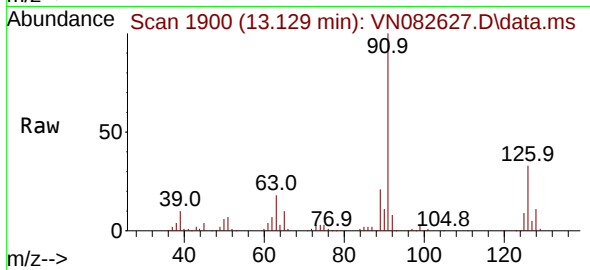
#79
2-Chlorotoluene
Concen: 48.649 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 37407
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.6

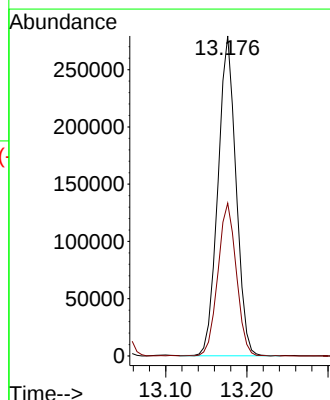
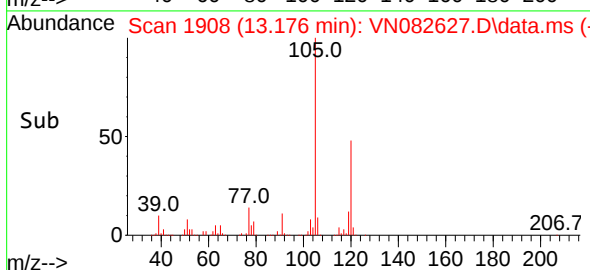
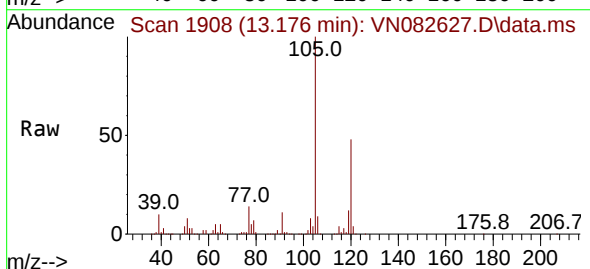
Manual Integrations
APPROVED

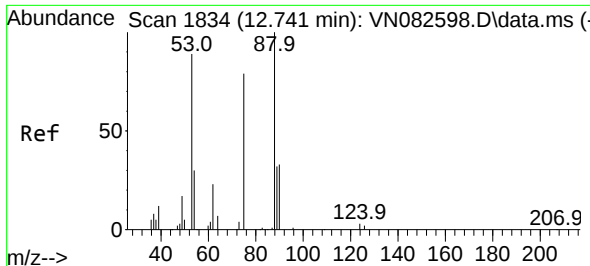
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.371 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

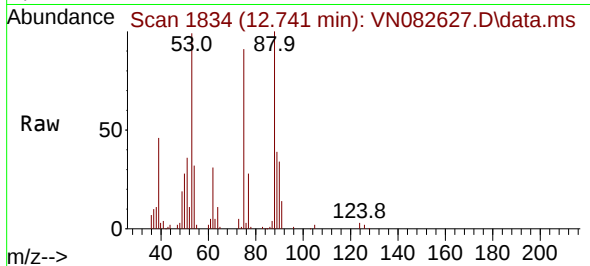
Tgt Ion:105 Resp: 432136
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 51.639 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

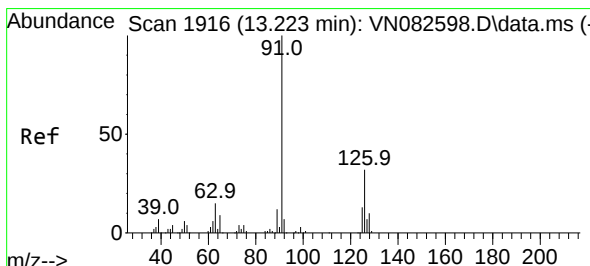
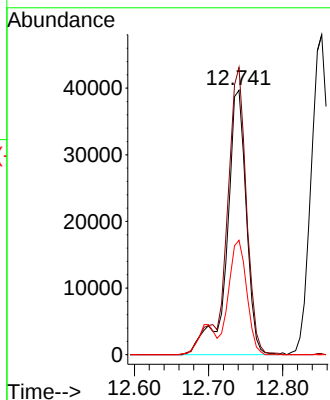
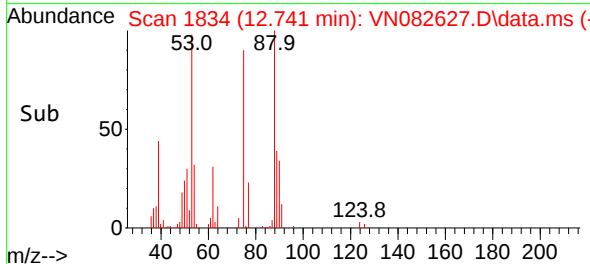
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 72060
Ion Ratio Lower Upper
75 100
53 111.4 88.4 132.6
89 40.5 36.3 54.5

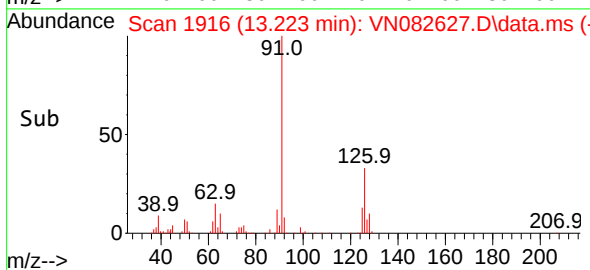
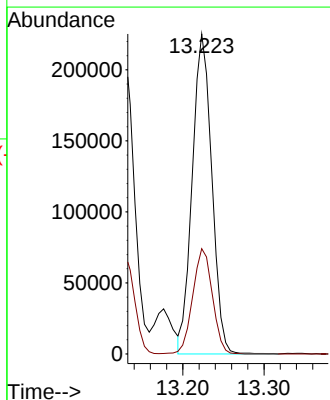
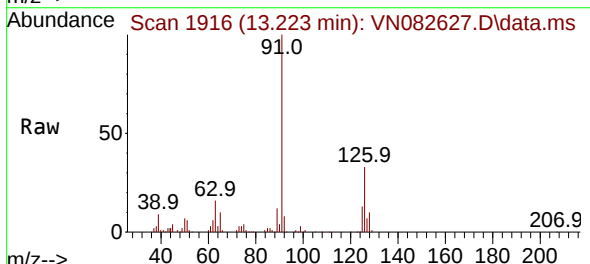
Manual Integrations
APPROVED

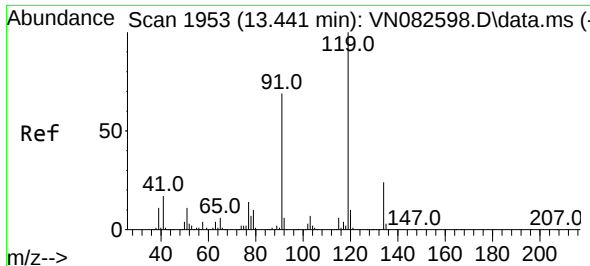
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#82
4-Chlorotoluene
Concen: 49.060 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

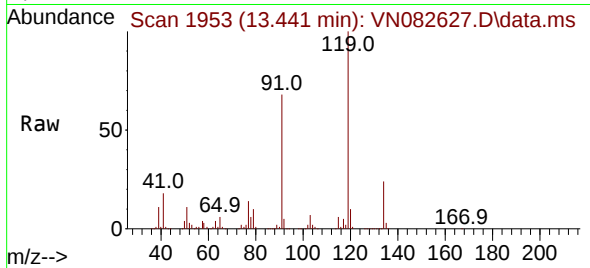
Tgt Ion: 91 Resp: 376845
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6





#83
tert-Butylbenzene
Concen: 50.600 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

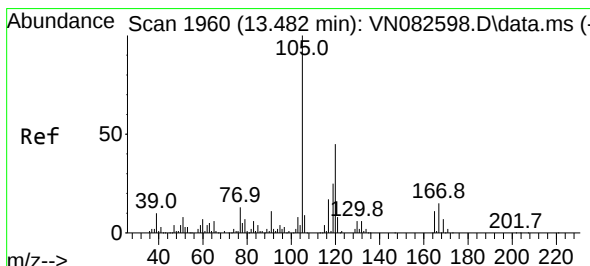
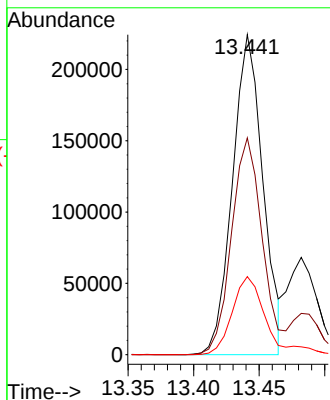
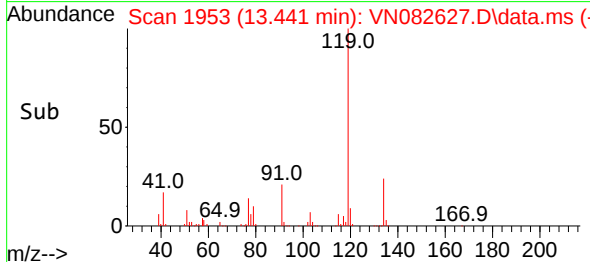
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 362570
Ion Ratio Lower Upper
119 100
91 69.1 35.0 105.1
134 27.1 13.3 39.8

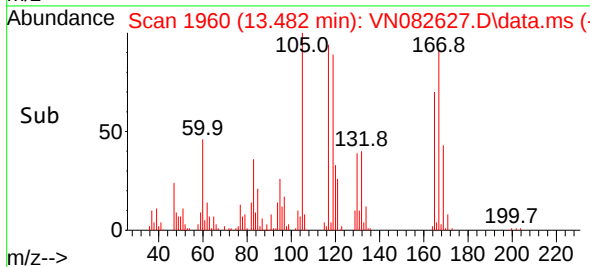
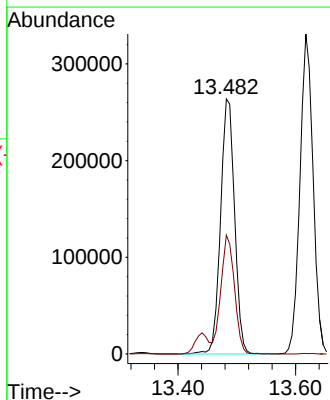
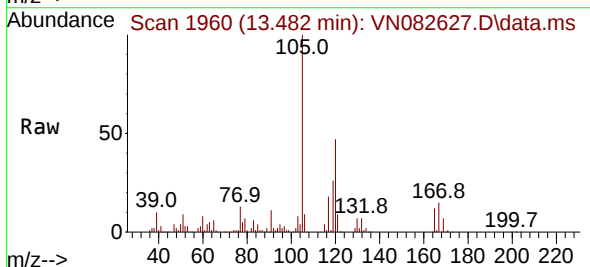
Manual Integrations
APPROVED

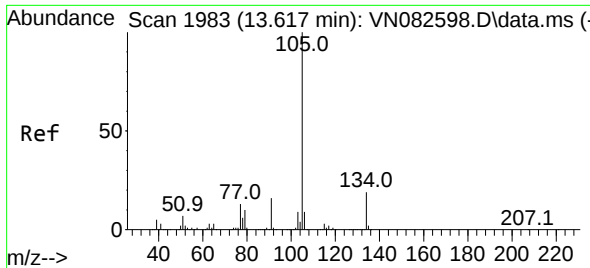
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.828 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

Tgt Ion:105 Resp: 437360
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.8





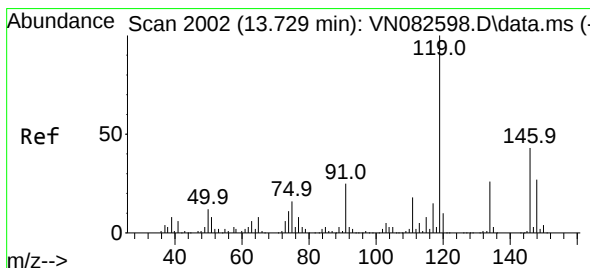
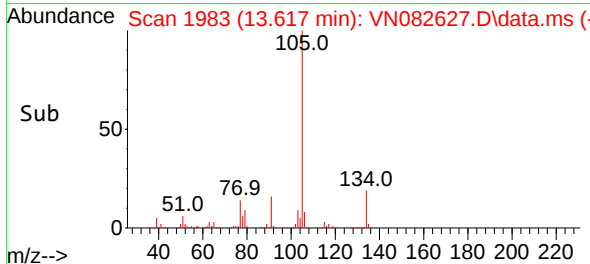
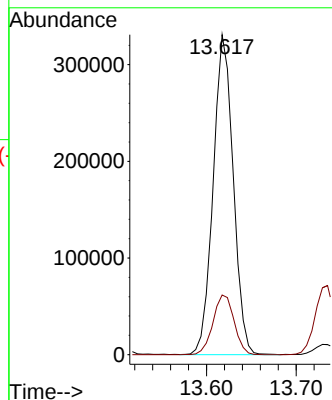
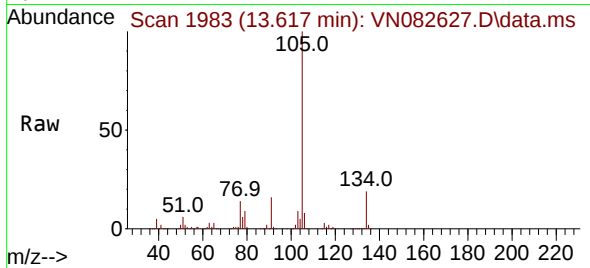
#85
 sec-Butylbenzene
 Concen: 50.489 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082627.D
 Acq: 18 Jun 2024 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 513804
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

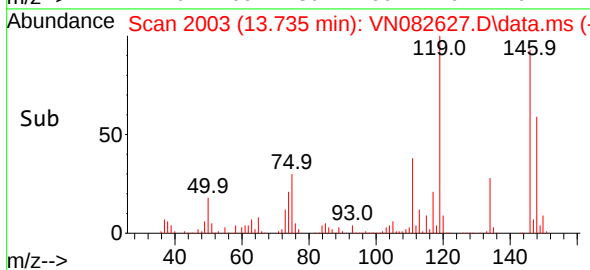
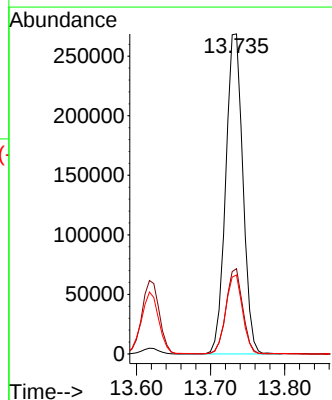
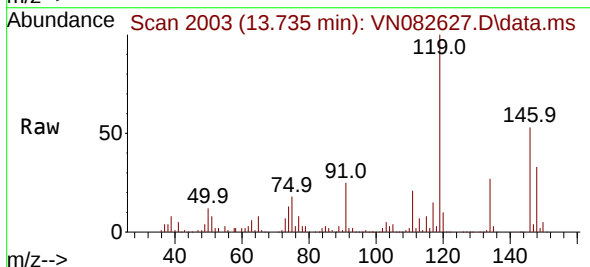
Manual Integrations
 APPROVED

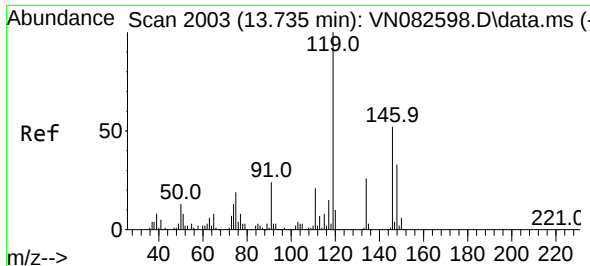
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024



#86
 p-Isopropyltoluene
 Concen: 52.803 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN082627.D
 Acq: 18 Jun 2024 17:48

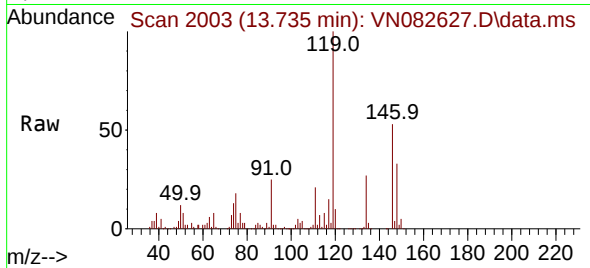
Tgt Ion:119 Resp: 432715
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.0 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 48.513 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

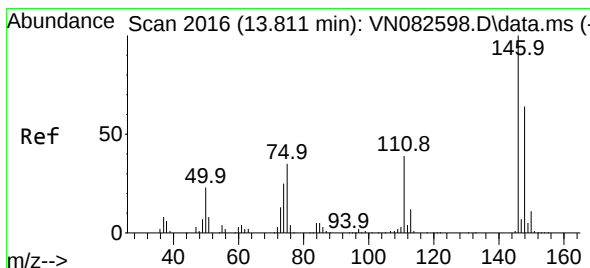
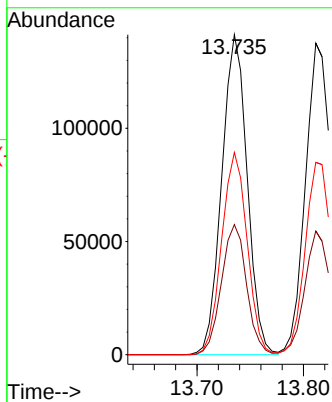
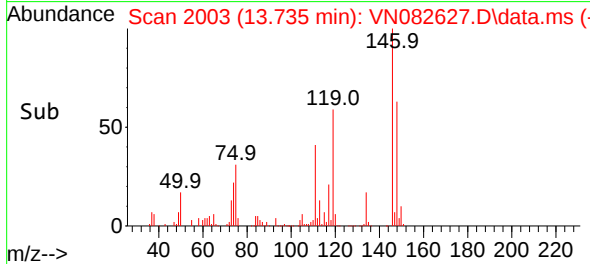
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



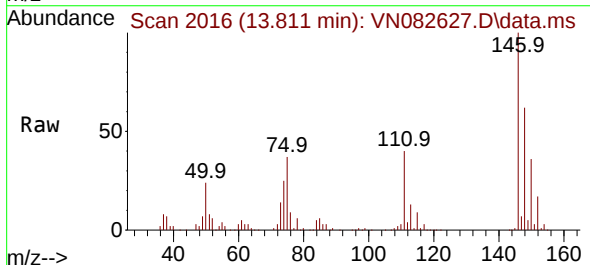
Tgt Ion:146 Resp: 234692
Ion Ratio Lower Upper
146 100
111 40.2 20.6 61.9
148 63.3 31.8 95.3

Manual Integrations
APPROVED

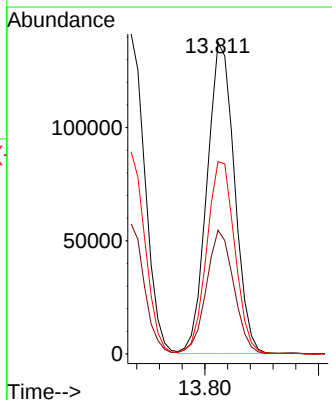
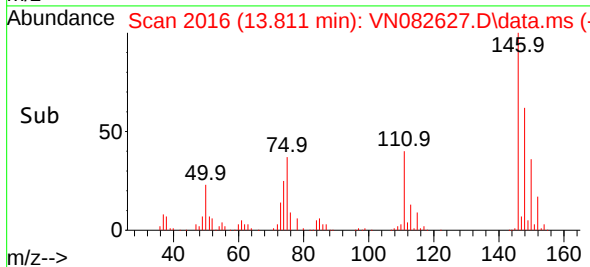
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

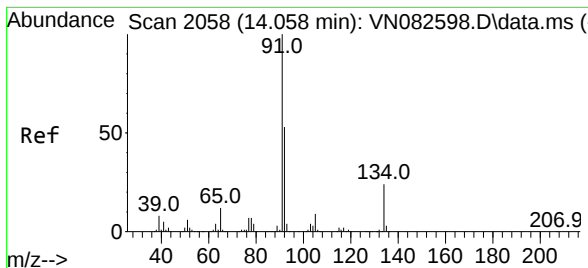


#88
1,4-Dichlorobenzene
Concen: 45.639 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48



Tgt Ion:146 Resp: 230778
Ion Ratio Lower Upper
146 100
111 39.4 20.1 60.3
148 63.5 32.2 96.6





#89

n-Butylbenzene

Concen: 49.224 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

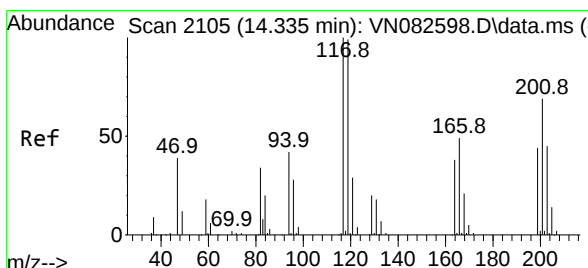
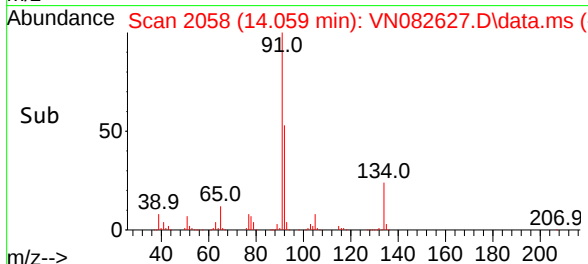
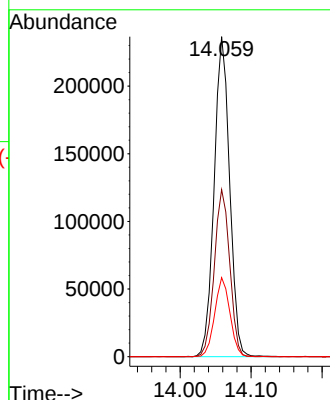
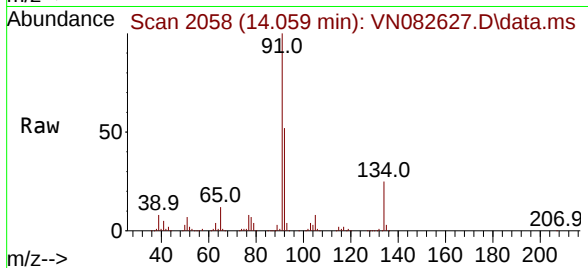
Tgt Ion: 91	Resp: 357810
Ion Ratio	Lower Upper
91	100
92	51.9 26.1 78.3
134	24.3 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#90

Hexachloroethane

Concen: 47.326 ug/l

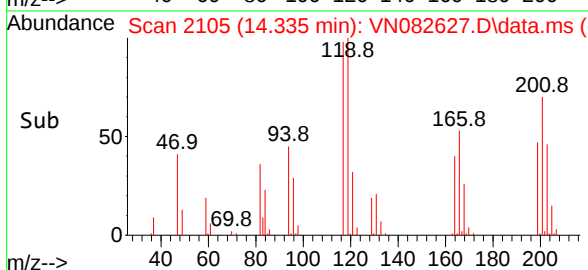
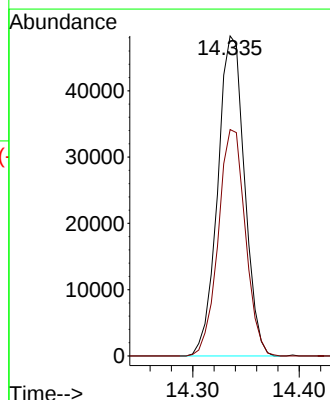
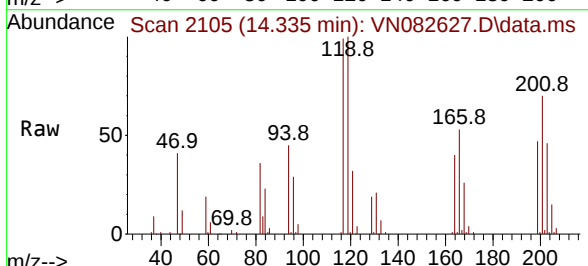
RT: 14.335 min Scan# 2105

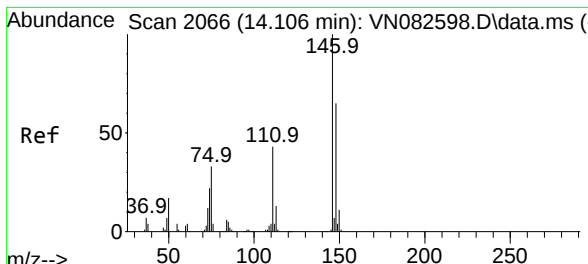
Delta R.T. 0.000 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

Tgt Ion:117	Resp: 84384
Ion Ratio	Lower Upper
117	100
201	71.5 35.8 107.3





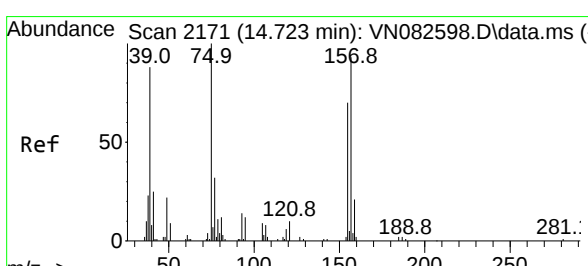
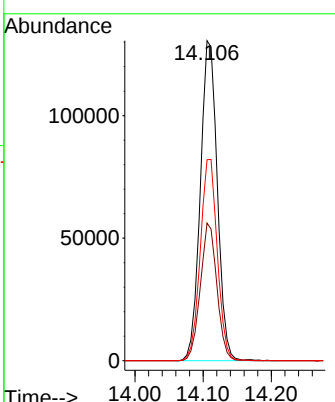
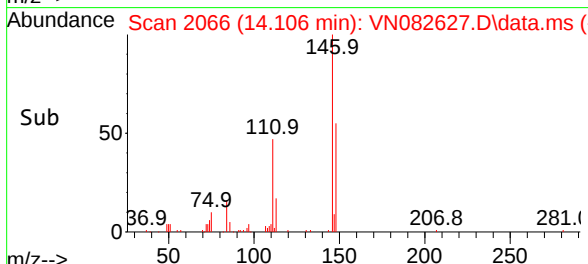
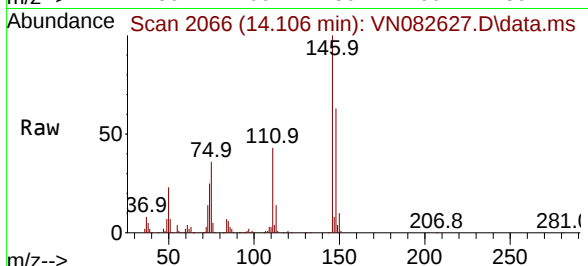
#91
 1,2-Dichlorobenzene
 Concen: 47.837 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN082627.D
 Acq: 18 Jun 2024 17:48

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion: 146 Resp: 22596

Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.4	64.2
148	63.2	32.1	96.5

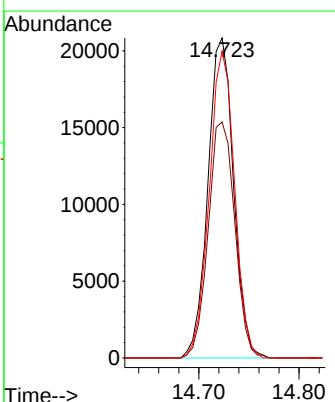
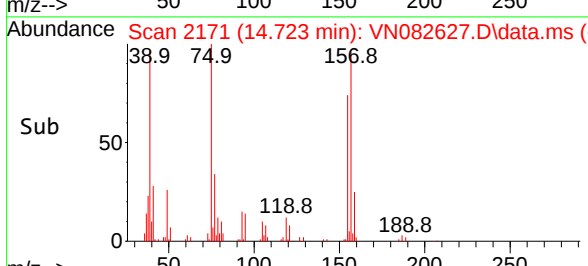
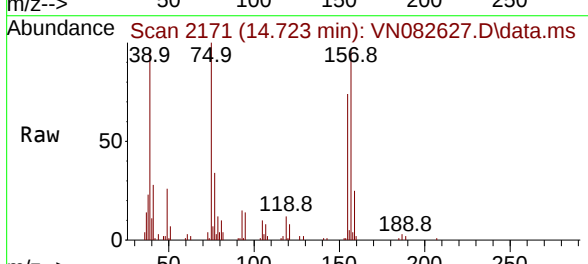
Manual Integrations
APPROVED
 Reviewed By : John Carlone 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

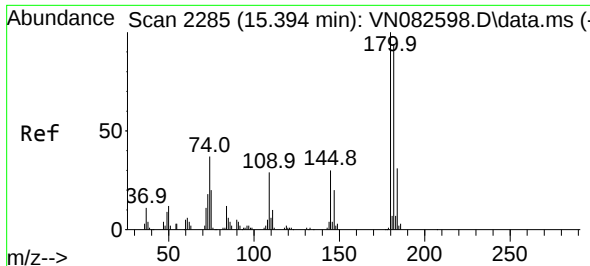


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.689 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN082627.D
 Acq: 18 Jun 2024 17:48

Tgt Ion: 75 Resp: 36988

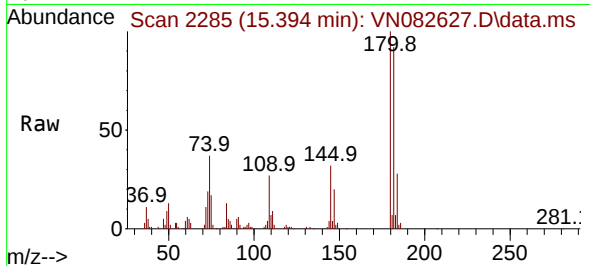
Ion	Ratio	Lower	Upper
75	100		
155	76.5	36.6	109.8
157	94.8	46.9	140.6





#93
1,2,4-Trichlorobenzene
Concen: 46.493 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48

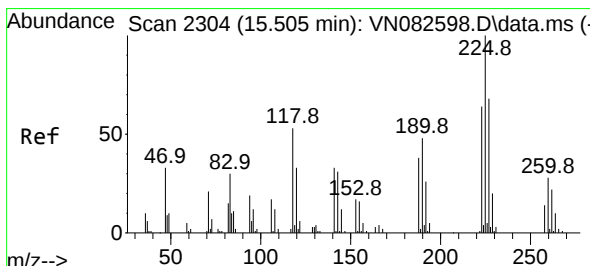
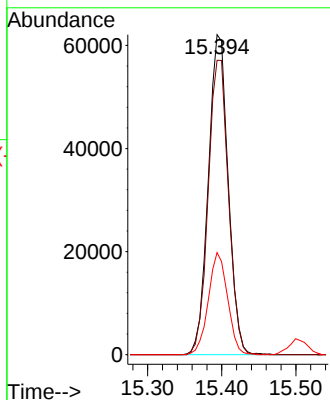
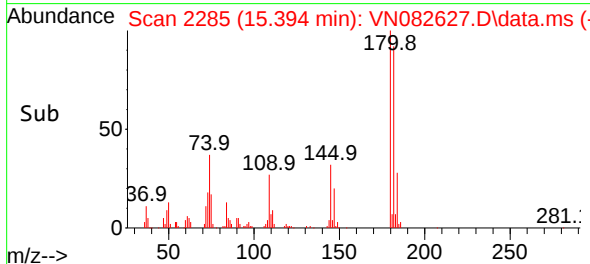
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



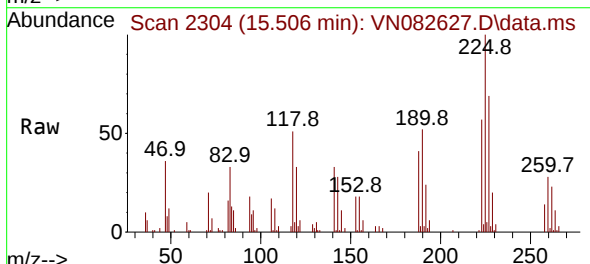
Tgt Ion:180 Resp: 115800
Ion Ratio Lower Upper
180 100
182 93.8 47.3 141.8
145 30.8 15.7 47.1

Manual Integrations
APPROVED

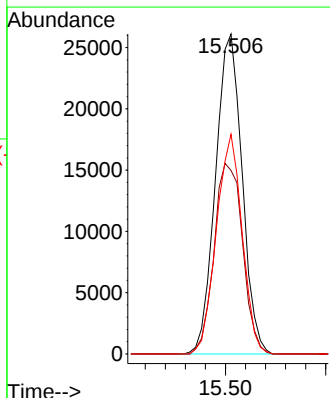
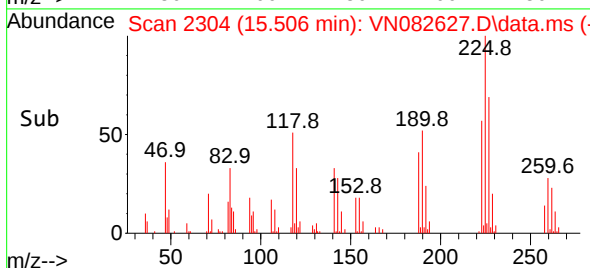
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

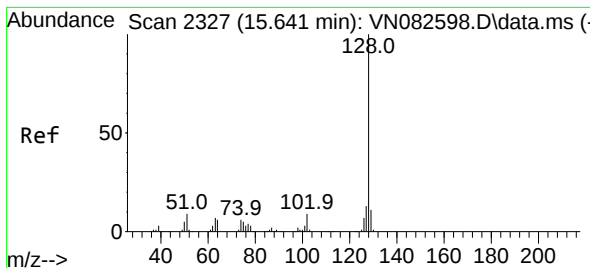


#94
Hexachlorobutadiene
Concen: 39.167 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN082627.D
Acq: 18 Jun 2024 17:48



Tgt Ion:225 Resp: 48102
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.7
227 66.4 32.5 97.5





#95

Naphthalene

Concen: 52.151 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

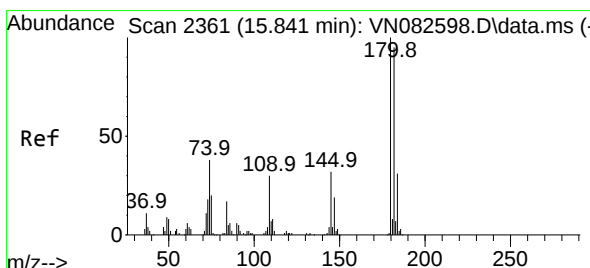
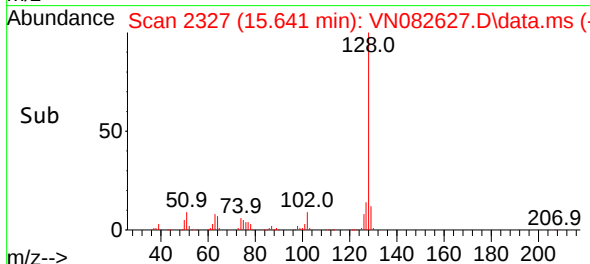
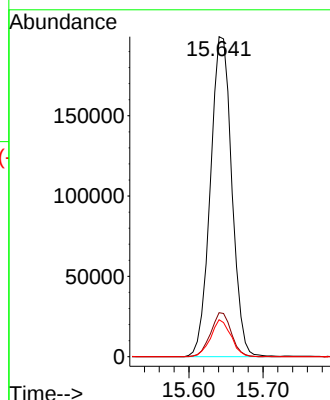
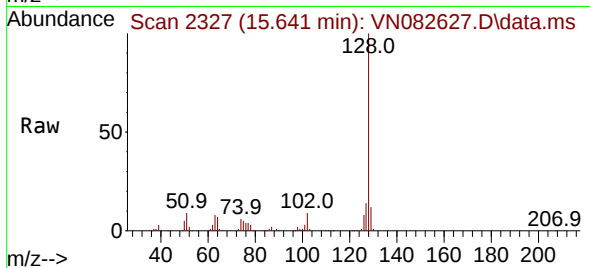
Tgt Ion:128	Resp: 399638
Ion Ratio	Lower Upper
128 100	
127 13.3	10.6 16.0
129 10.9	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#96

1,2,3-Trichlorobenzene

Concen: 46.739 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082627.D

Acq: 18 Jun 2024 17:48

Tgt Ion:180	Resp:	118641	
Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.9	146.8
145	33.7	16.8	50.4

