

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
 Data File : VN075949.D
 Acq On : 22 Dec 2022 17:00
 Operator : JC\MD
 Sample : VN1222MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2022
 Supervised By : Mahesh Dadoda 12/27/2022

Quant Time: Dec 23 05:23:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	185688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	334840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	298718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	135657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	144339	71.451	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 142.900%#			
35) Dibromofluoromethane	8.177	113	126465	60.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 121.980%			
50) Toluene-d8	10.571	98	398677	51.422	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.840%			
62) 4-Bromofluorobenzene	12.853	95	135327	52.700	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	19333	14.663	ug/l	90
3) Chloromethane	2.371	50	33760	20.592	ug/l	100
4) Vinyl Chloride	2.530	62	33537	17.149	ug/l	95
5) Bromomethane	2.959	94	36252	21.812	ug/l	99
6) Chloroethane	3.124	64	30059	20.756	ug/l	98
7) Trichlorofluoromethane	3.512	101	46780	15.764	ug/l	92
8) Diethyl Ether	3.977	74	29963	27.645	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	28375	16.745	ug/l	98
10) Methyl Iodide	4.606	142	58546	21.290	ug/l	99
11) Tert butyl alcohol	5.536	59	42768	149.620	ug/l	99
12) 1,1-Dichloroethene	4.353	96	28788	17.493	ug/l	99
13) Acrolein	4.195	56	67413	192.370	ug/l	100
14) Allyl chloride	5.036	41	41497	21.570	ug/l	92
15) Acrylonitrile	5.736	53	114392	146.647	ug/l	99
16) Acetone	4.442	43	90165	129.478	ug/l	94
17) Carbon Disulfide	4.724	76	64698	16.237	ug/l	98
18) Methyl Acetate	5.048	43	60576	29.428	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	154618	28.530	ug/l	97
20) Methylene Chloride	5.289	84	50650	26.894	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	35379	19.629	ug/l	98
22) Diisopropyl ether	6.683	45	128420	27.478	ug/l	99
23) Vinyl Acetate	6.618	43	446953	142.087	ug/l	99
24) 1,1-Dichloroethane	6.583	63	73017	23.426	ug/l	98
25) 2-Butanone	7.494	43	143350	147.018	ug/l	94
26) 2,2-Dichloropropane	7.500	77	49257	18.661	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	51922	24.087	ug/l	100
28) Bromochloromethane	7.824	49	38772	28.381	ug/l	96
29) Tetrahydrofuran	7.847	42	92600	151.546	ug/l	99
30) Chloroform	7.977	83	85314	24.311	ug/l	99
31) Cyclohexane	8.259	56	44828	15.495	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	62150	19.976	ug/l	99
36) 1,1-Dichloropropene	8.383	75	42762	15.524	ug/l	98
37) Ethyl Acetate	7.571	43	57175	25.841	ug/l	99
38) Carbon Tetrachloride	8.365	117	49791	16.150	ug/l	99
39) Methylcyclohexane	9.606	83	48020	14.450	ug/l	93
40) Benzene	8.612	78	168582	19.836	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
 Data File : VN075949.D
 Acq On : 22 Dec 2022 17:00
 Operator : JC\MD
 Sample : VN1222MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2022
 Supervised By : Mahesh Dadoda 12/27/2022

Quant Time: Dec 23 05:23:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	31233	27.157	ug/l	98
42) 1,2-Dichloroethane	8.677	62	67993	24.064	ug/l	99
43) Isopropyl Acetate	8.694	43	96737	26.504	ug/l	97
44) Trichloroethene	9.359	130	40872	17.071	ug/l	90
45) 1,2-Dichloropropane	9.624	63	45670	22.082	ug/l	96
46) Dibromomethane	9.718	93	36953	24.090	ug/l	100
47) Bromodichloromethane	9.894	83	72686	24.163	ug/l	100
48) Methyl methacrylate	9.682	41	43225	26.295	ug/l	96
49) 1,4-Dioxane	9.700	88	22903	566.716	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	305368	138.345	ug/l	99
52) Toluene	10.635	92	106230	19.192	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	69642	23.650	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	74310	22.984	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	53141	24.460	ug/l	99
56) Ethyl methacrylate	10.877	69	75162	26.046	ug/l	97
57) 1,3-Dichloropropane	11.165	76	86516	24.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	100827	109.742	ug/l	99
59) 2-Hexanone	11.200	43	219689	136.478	ug/l	100
60) Dibromochloromethane	11.365	129	60911	25.211	ug/l	99
61) 1,2-Dibromoethane	11.477	107	53511	24.339	ug/l	99
64) Tetrachloroethene	11.106	164	35221	16.756	ug/l	97
65) Chlorobenzene	11.894	112	116638	19.024	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	50482	22.229	ug/l	98
67) Ethyl Benzene	11.971	91	185365	17.913	ug/l	99
68) m/p-Xylenes	12.076	106	147624	36.044	ug/l	99
69) o-Xylene	12.406	106	77497	19.121	ug/l	97
70) Styrene	12.418	104	127430	19.774	ug/l	99
71) Bromoform	12.582	173	44344	26.835	ug/l #	96
73) Isopropylbenzene	12.700	105	178333	18.191	ug/l	99
74) N-amyl acetate	12.500	43	74533	25.916	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	77220	25.481	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	61647m	22.544	ug/l	
77) Bromobenzene	12.988	156	50767	20.463	ug/l	93
78) n-propylbenzene	13.041	91	189848	17.558	ug/l	99
79) 2-Chlorotoluene	13.129	91	128977	19.109	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	156361	19.057	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	21697	28.560	ug/l	94
82) 4-Chlorotoluene	13.129	91	128977	19.109	ug/l	98
83) tert-Butylbenzene	13.447	119	134938	18.653	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	157523	19.353	ug/l	99
85) sec-Butylbenzene	13.623	105	175542	17.581	ug/l	99
86) p-Isopropyltoluene	13.735	119	147553	17.760	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	85694	18.699	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	87141	18.613	ug/l	100
89) n-Butylbenzene	14.065	91	107071	15.908	ug/l	99
90) Hexachloroethane	14.341	117	30395	20.452	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	91347	20.236	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14481	26.929	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	38787	17.356	ug/l	100
94) Hexachlorobutadiene	15.506	225	18822	15.437	ug/l	98
95) Naphthalene	15.647	128	131669	19.235	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	39498	18.910	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
Data File : VN075949.D
Acq On : 22 Dec 2022 17:00
Operator : JC\MD
Sample : VN1222MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

Quant Time: Dec 23 05:23:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

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

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

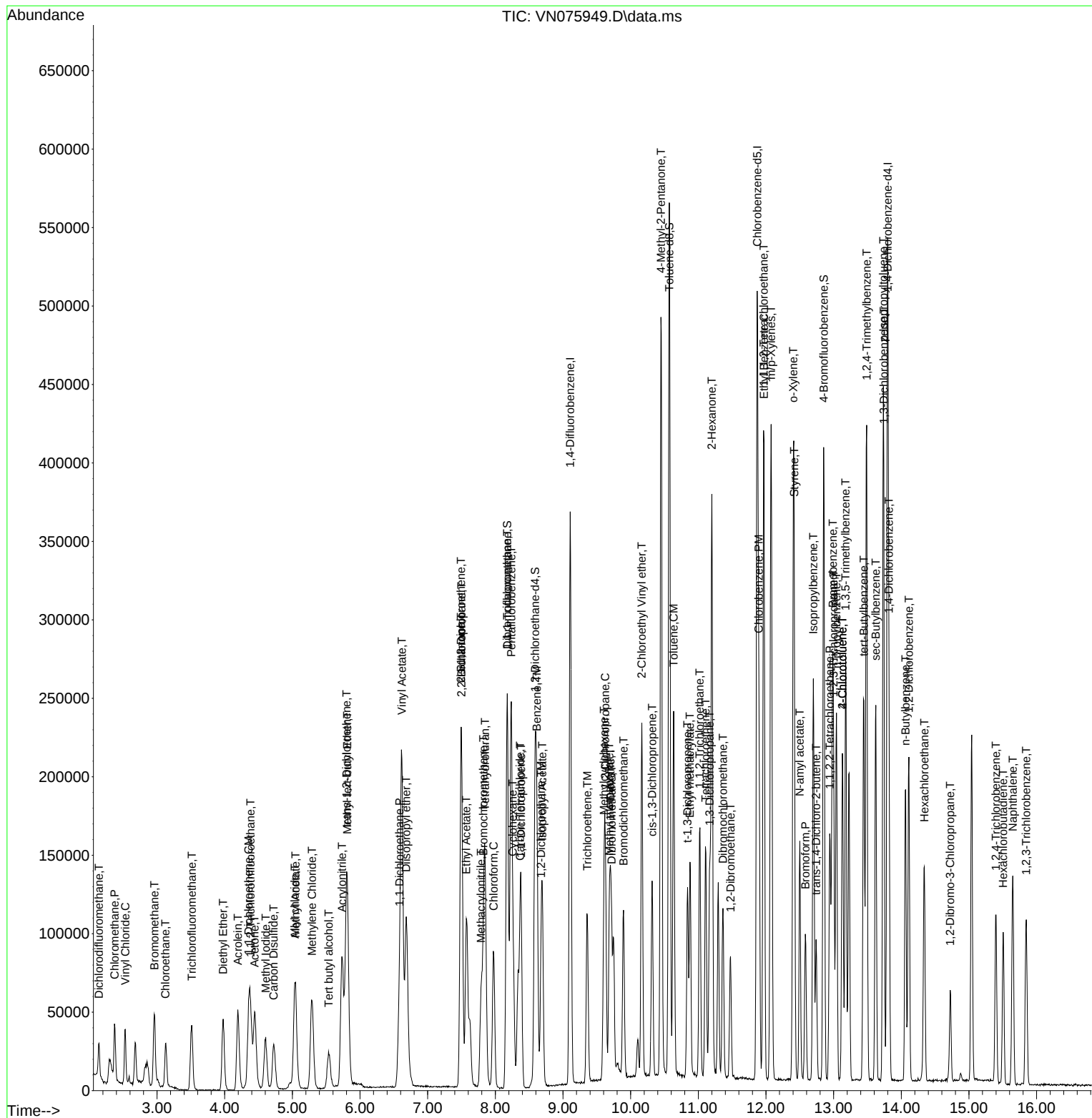
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
 Data File : VN075949.D
 Acq On : 22 Dec 2022 17:00
 Operator : JC\MD
 Sample : VN1222MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

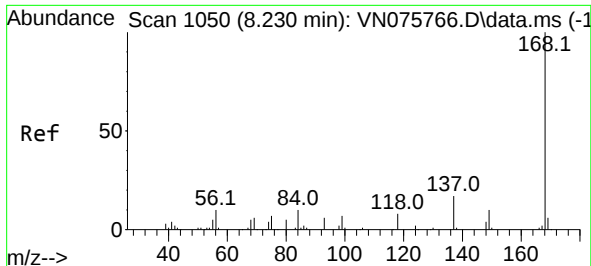
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBS01

Quant Time: Dec 23 05:23:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

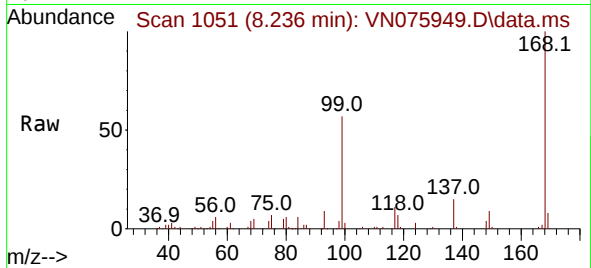
Reviewed By : John Carlone 12/27/2022
 Supervised By : Mahesh Dadoda 12/27/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

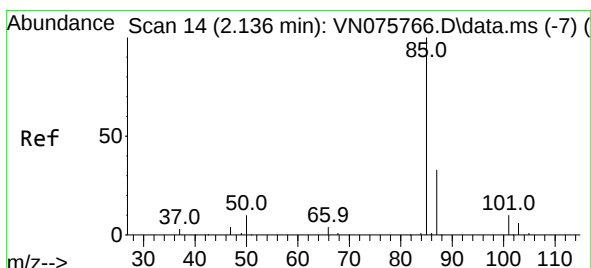
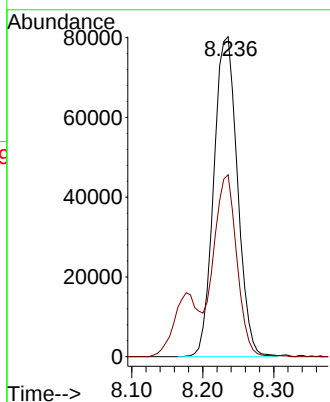
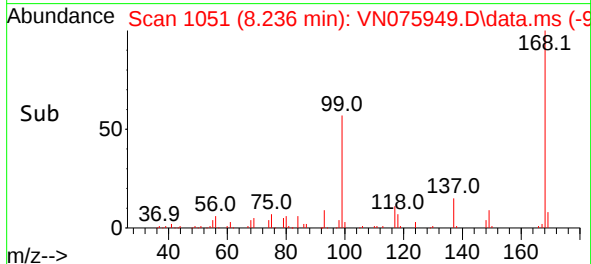
Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01



Tgt Ion:168 Resp: 18568
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4

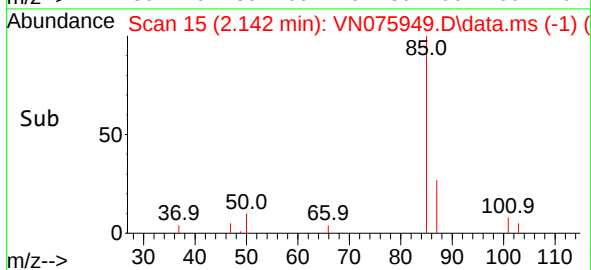
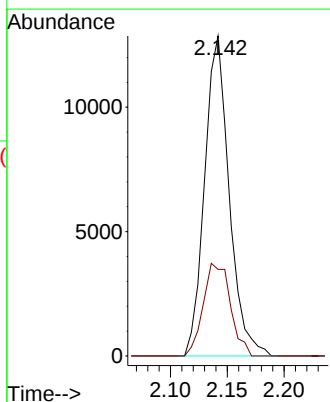
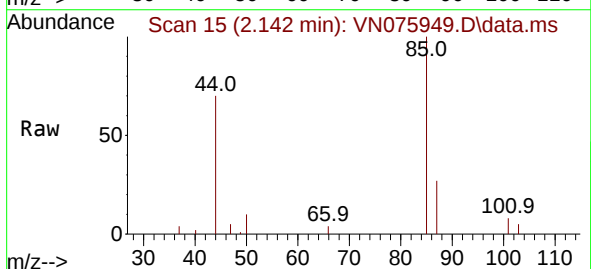
Manual Integrations
APPROVED

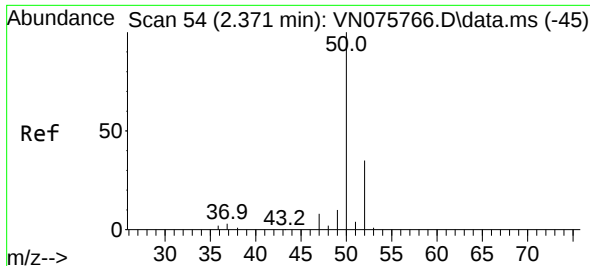
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#2
Dichlorodifluoromethane
Concen: 14.663 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 85 Resp: 19333
Ion Ratio Lower Upper
85 100
87 27.1 16.3 48.9





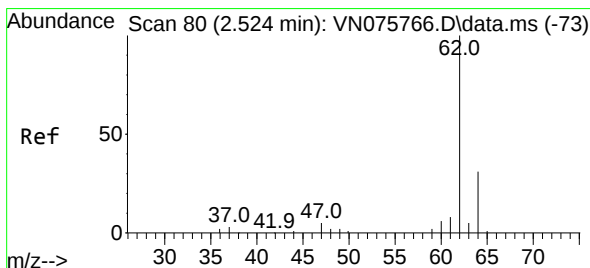
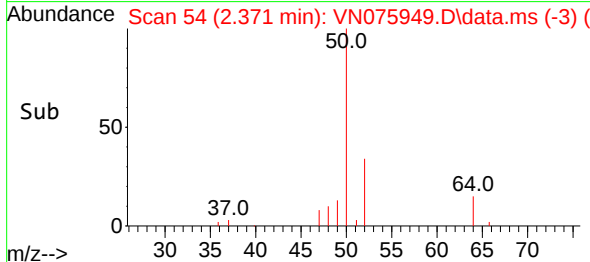
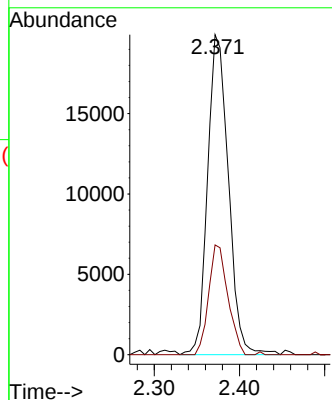
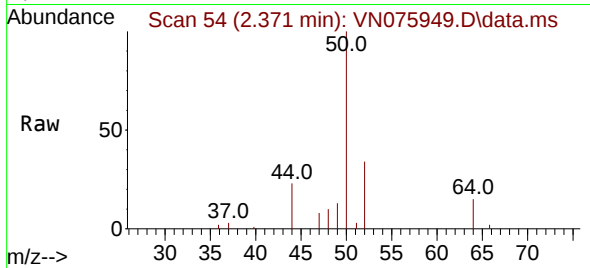
#3
Chloromethane
Concen: 20.592 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 50 Resp: 33760
Ion Ratio Lower Upper
50 100
52 34.3 27.7 41.5

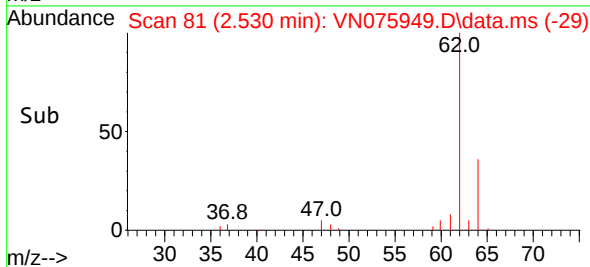
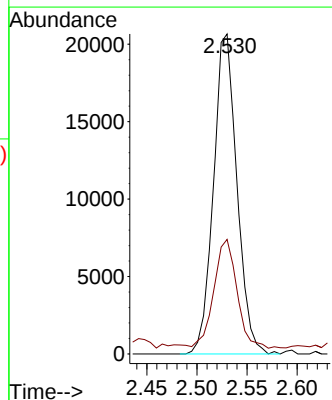
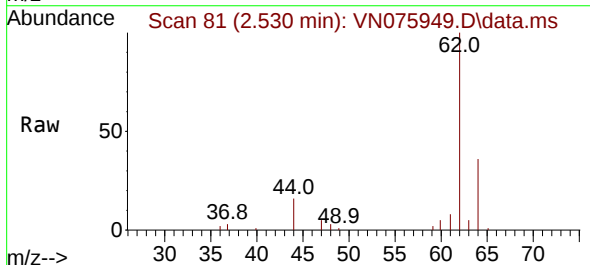
Manual Integrations
APPROVED

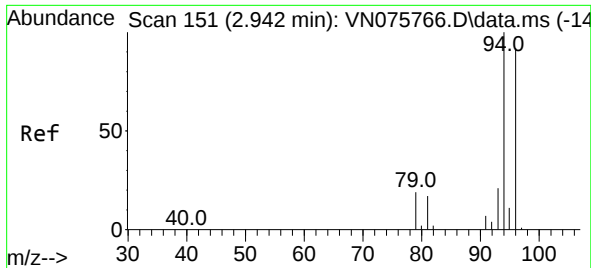
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#4
Vinyl Chloride
Concen: 17.149 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 62 Resp: 33537
Ion Ratio Lower Upper
62 100
64 33.9 24.9 37.3





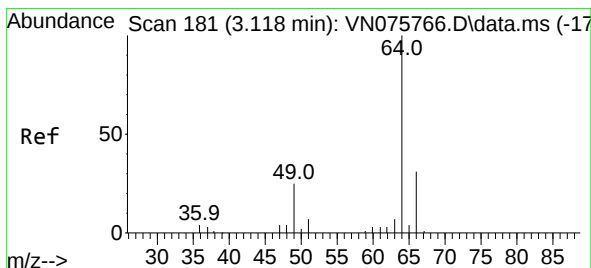
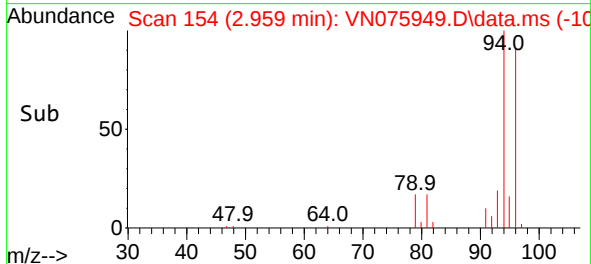
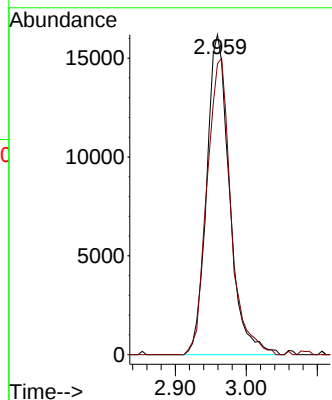
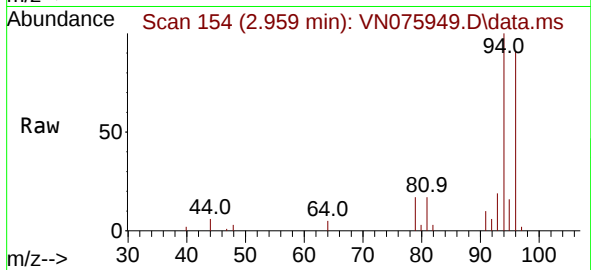
#5
Bromomethane
Concen: 21.812 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 94 Resp: 3625
Ion Ratio Lower Upper
94 100
96 90.9 73.8 110.6

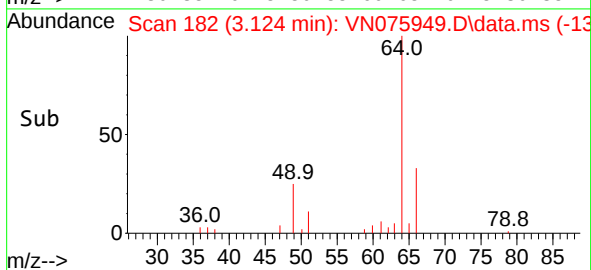
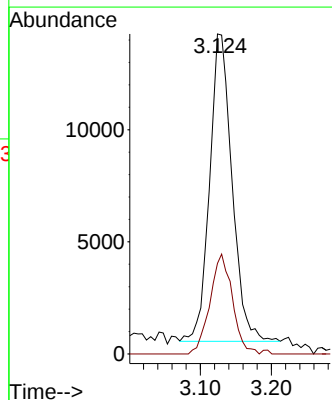
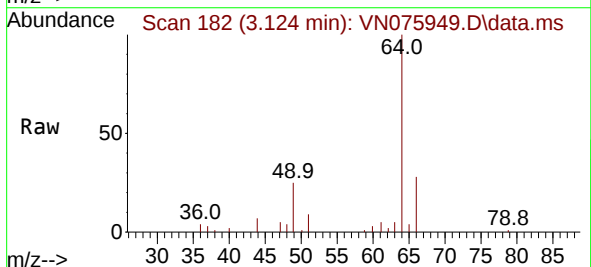
Manual Integrations
APPROVED

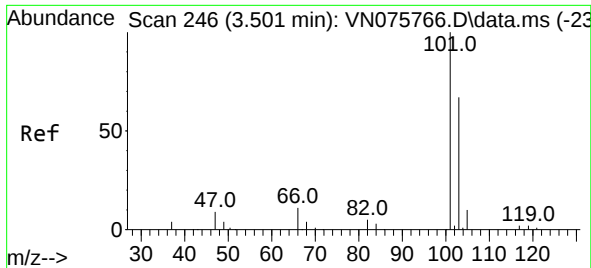
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#6
Chloroethane
Concen: 20.756 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

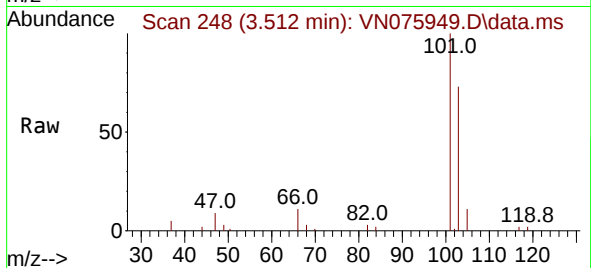
Tgt Ion: 64 Resp: 30059
Ion Ratio Lower Upper
64 100
66 29.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 15.764 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075949.D
 Acq: 22 Dec 2022 17:00

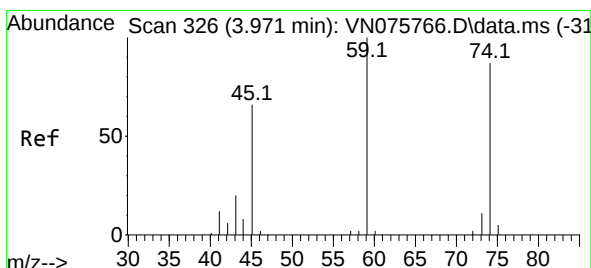
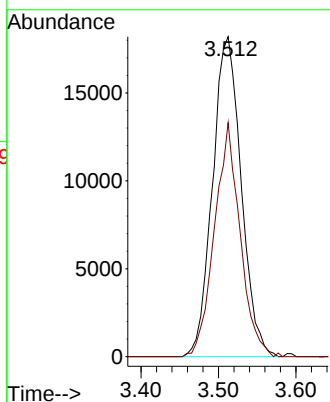
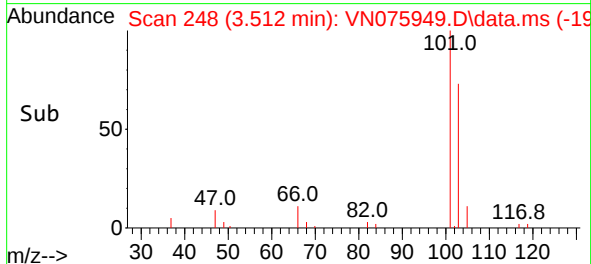
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBS01



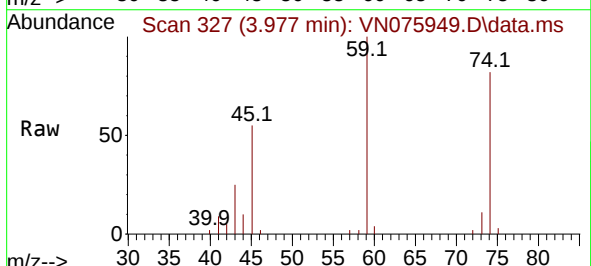
Tgt Ion:101 Resp: 46780
 Ion Ratio Lower Upper
 101 100
 103 73.1 53.4 80.2

Manual Integrations
 APPROVED

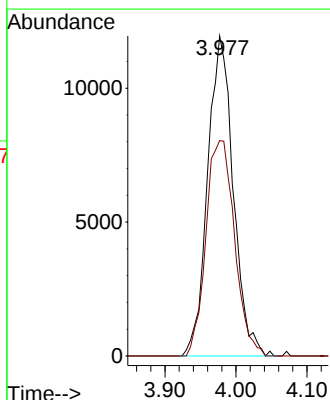
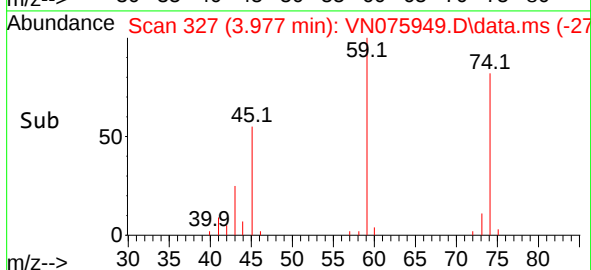
Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022

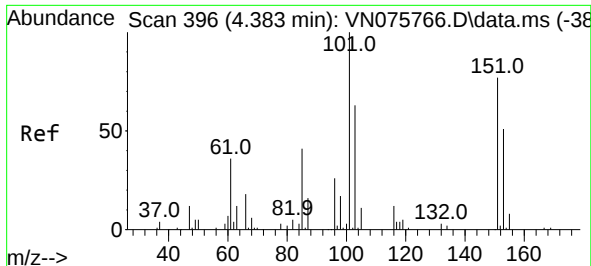


#8
 Diethyl Ether
 Concen: 27.645 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075949.D
 Acq: 22 Dec 2022 17:00



Tgt Ion: 74 Resp: 29963
 Ion Ratio Lower Upper
 74 100
 45 75.2 37.8 113.4





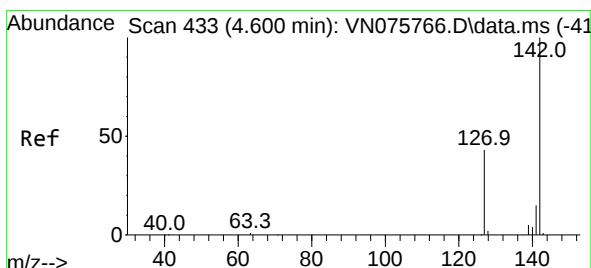
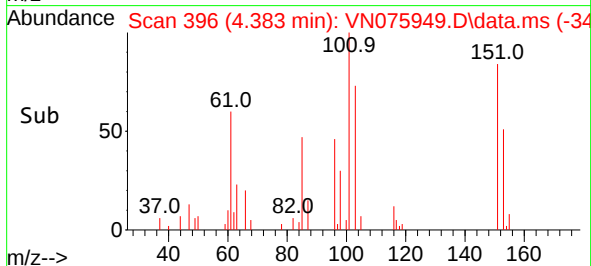
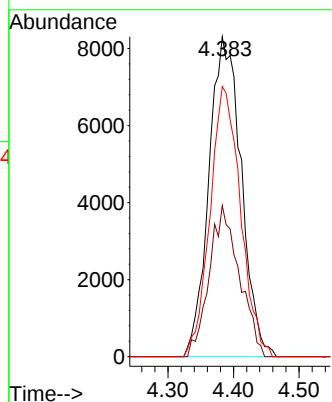
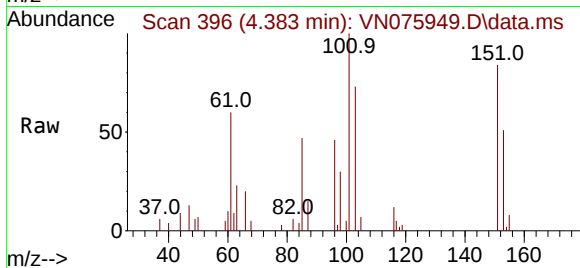
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.745 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion:101 Resp: 2837
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 79.7 65.6 98.4

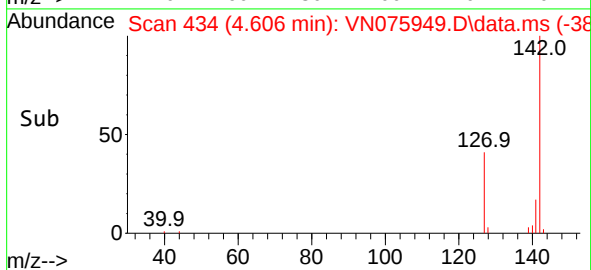
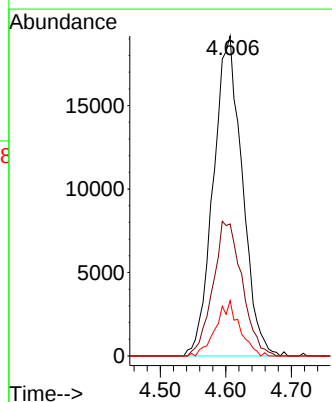
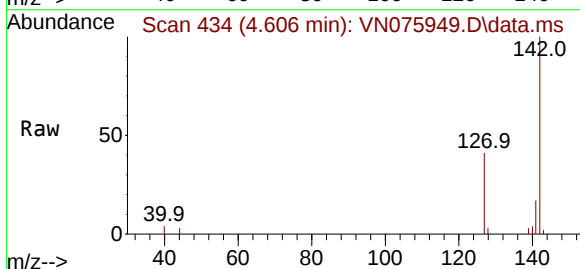
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#10
Methyl Iodide
Concen: 21.290 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

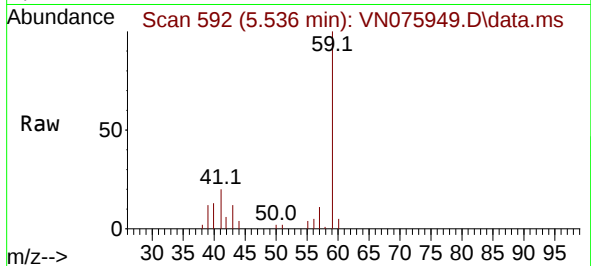
Tgt Ion:142 Resp: 58546
Ion Ratio Lower Upper
142 100
127 42.5 34.7 52.1
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 149.620 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

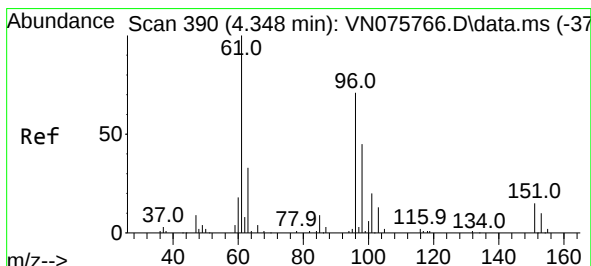
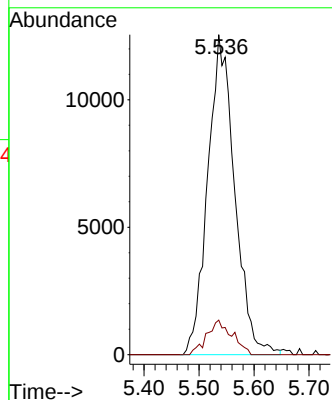
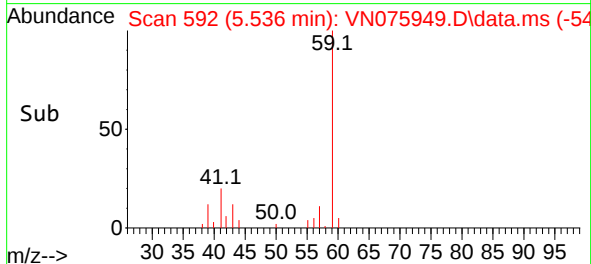
Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01



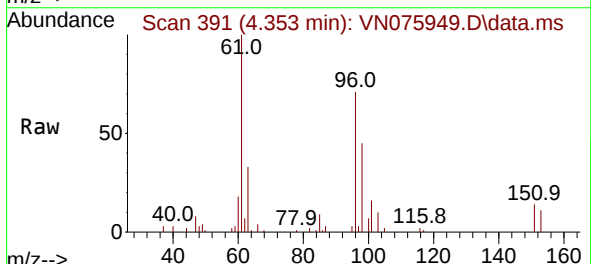
Tgt Ion: 59 Resp: 42768
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations
APPROVED

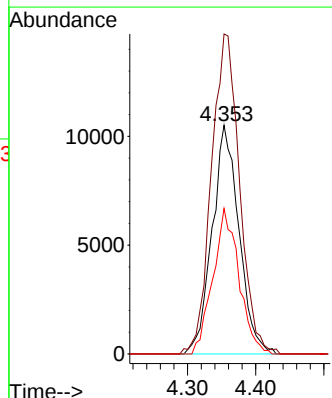
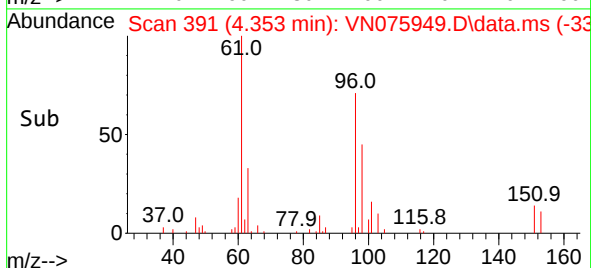
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

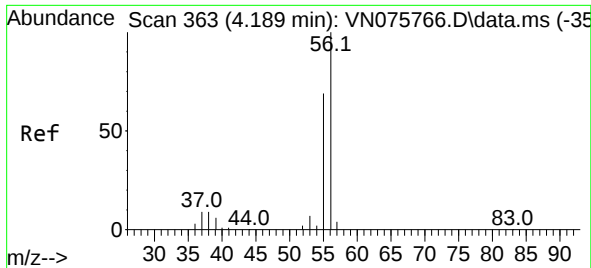


#12
1,1-Dichloroethene
Concen: 17.493 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00



Tgt Ion: 96 Resp: 28788
Ion Ratio Lower Upper
96 100
61 140.0 113.3 169.9
98 63.6 50.9 76.3





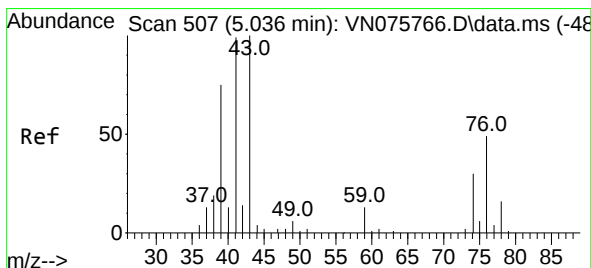
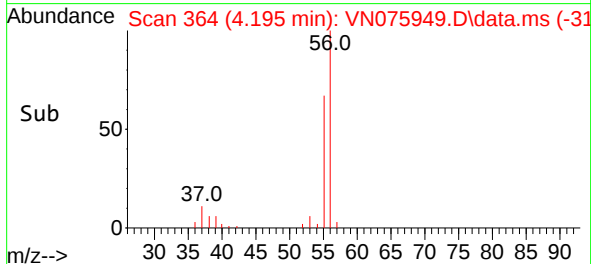
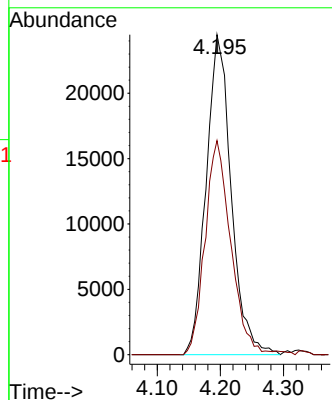
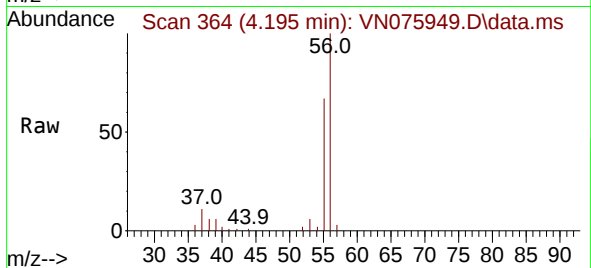
#13
Acrolein
Concen: 192.370 ug/l
RT: 4.195 min Scan# 363
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 56 Resp: 6741
Ion Ratio Lower Upper
56 100
55 68.5 54.8 82.2

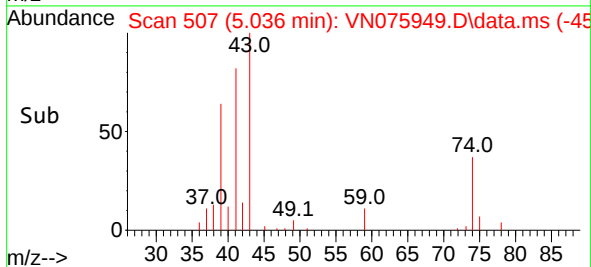
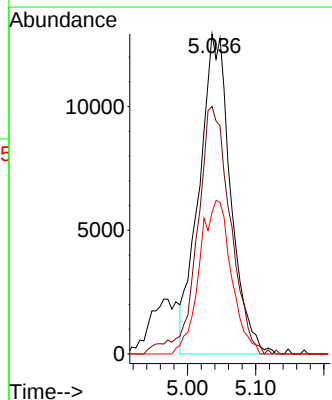
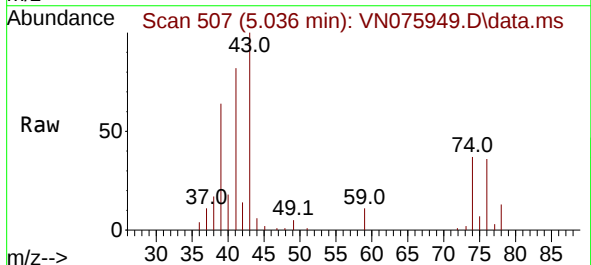
Manual Integrations
APPROVED

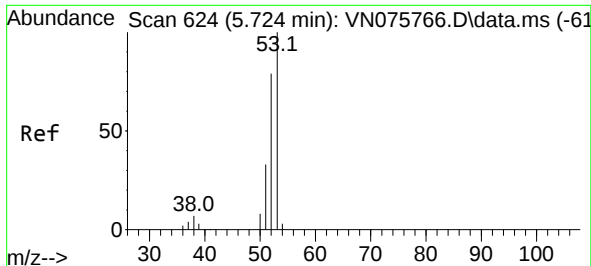
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#14
Allyl chloride
Concen: 21.570 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

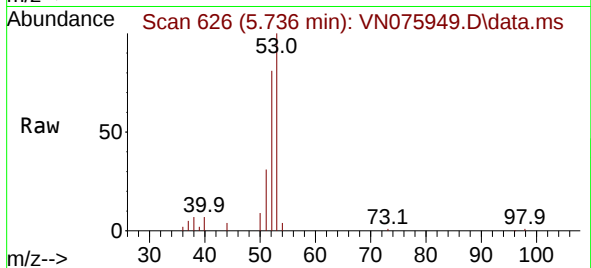
Tgt Ion: 41 Resp: 41497
Ion Ratio Lower Upper
41 100
39 81.3 58.3 87.5
76 48.5 35.8 53.6





#15
Acrylonitrile
Concen: 146.647 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

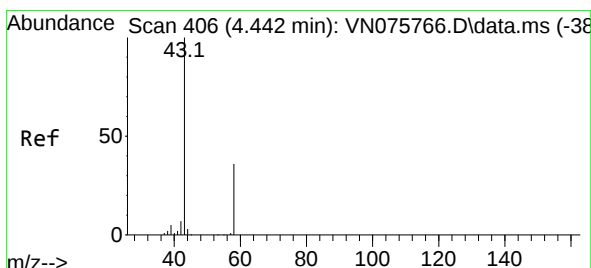
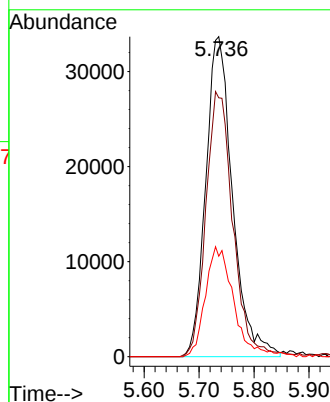
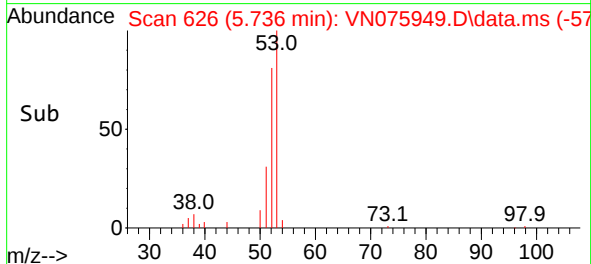
Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01



Tgt Ion: 53 Resp: 114392
Ion Ratio Lower Upper
53 100
52 83.3 65.4 98.0
51 36.3 28.9 43.3

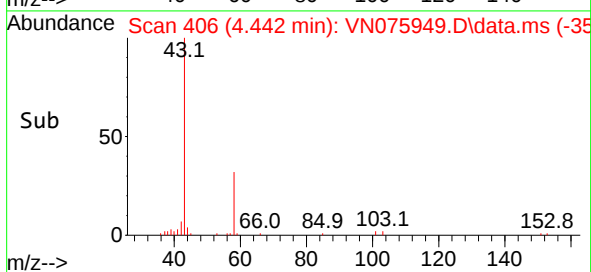
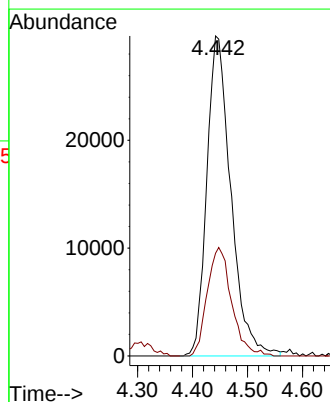
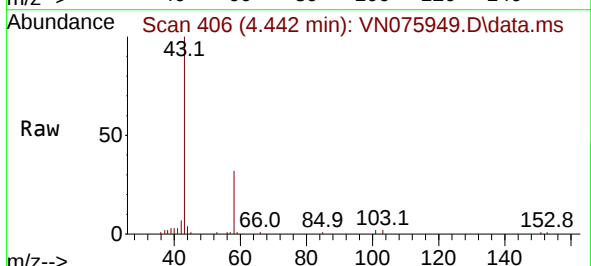
Manual Integrations
APPROVED

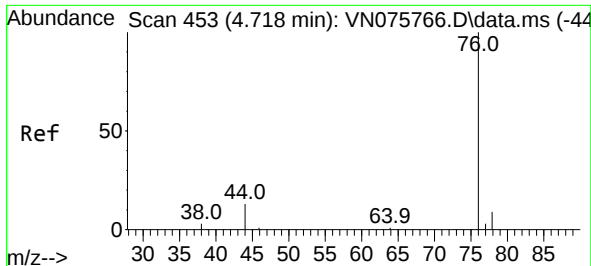
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#16
Acetone
Concen: 129.478 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 43 Resp: 90165
Ion Ratio Lower Upper
43 100
58 32.1 28.6 43.0





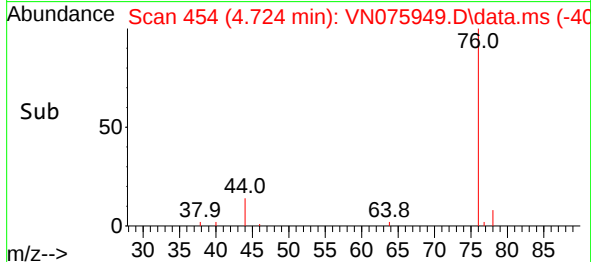
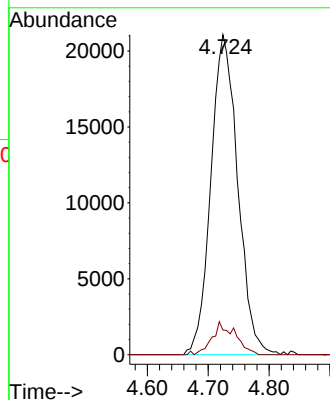
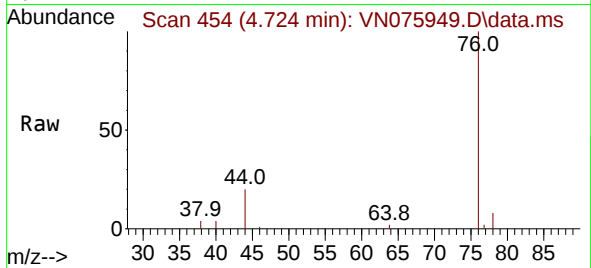
#17
Carbon Disulfide
Concen: 16.237 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 76 Resp: 64698
Ion Ratio Lower Upper
76 100
78 7.7 6.8 10.2

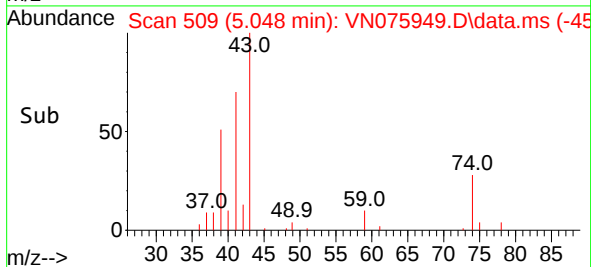
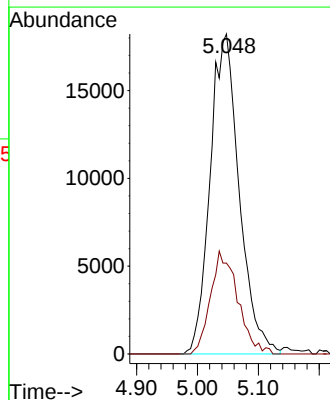
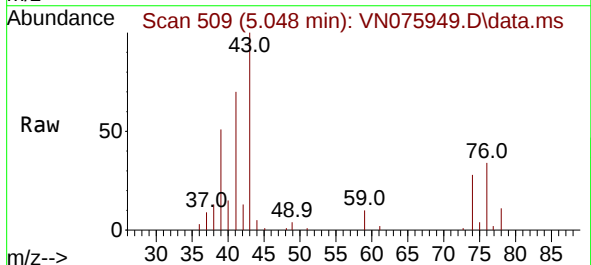
Manual Integrations
APPROVED

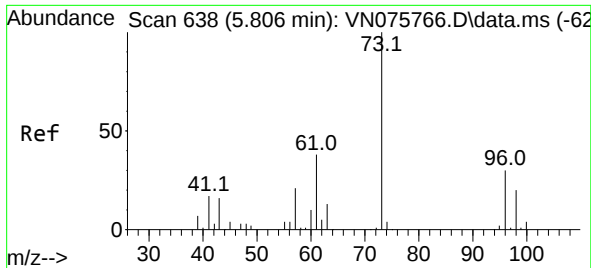
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#18
Methyl Acetate
Concen: 29.428 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 43 Resp: 60576
Ion Ratio Lower Upper
43 100
74 30.0 23.6 35.4





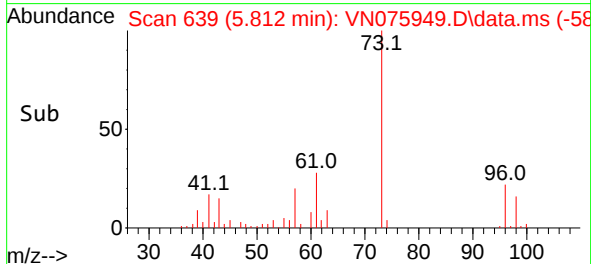
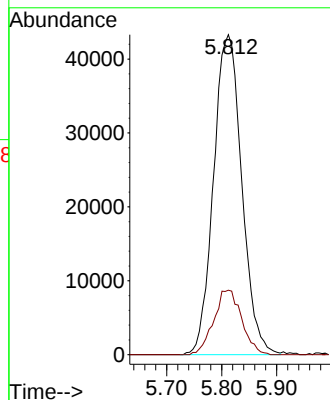
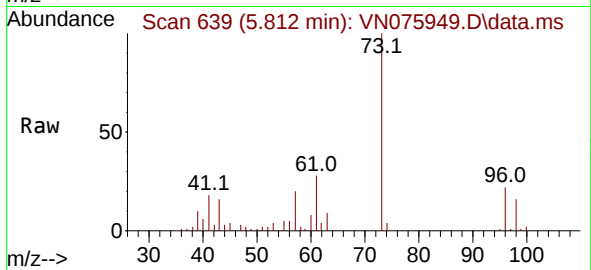
#19
Methyl tert-butyl Ether
Concen: 28.530 ug/l
RT: 5.812 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 73 Resp: 154618
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7

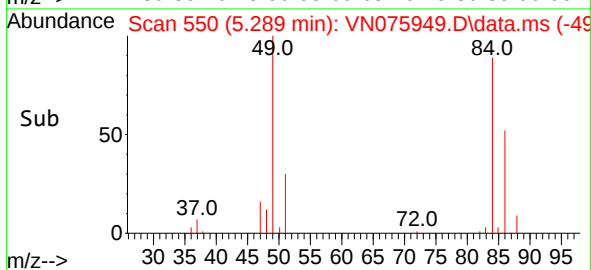
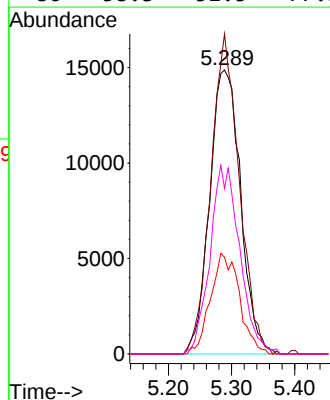
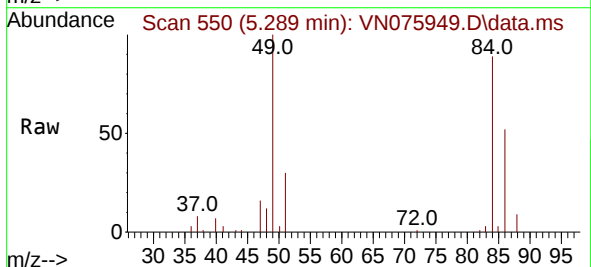
Manual Integrations
APPROVED

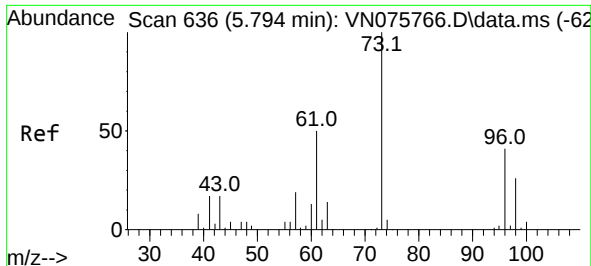
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#20
Methylene Chloride
Concen: 26.894 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 84 Resp: 50650
Ion Ratio Lower Upper
84 100
49 112.7 81.8 122.6
51 34.1 26.7 40.1
86 58.3 51.5 77.3





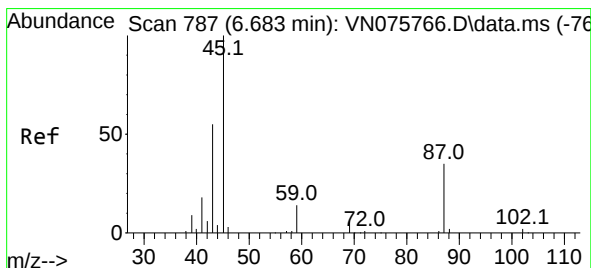
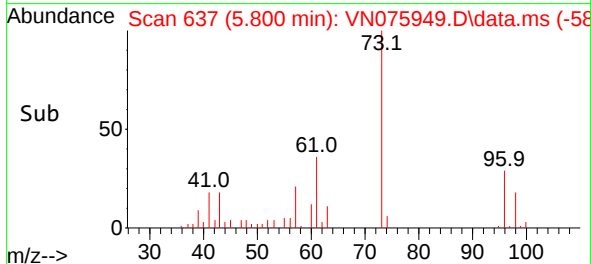
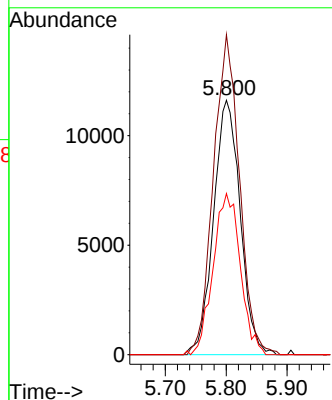
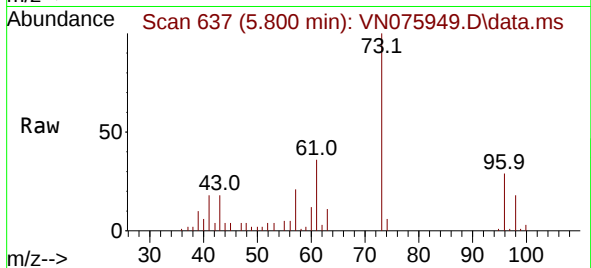
#21
trans-1,2-Dichloroethene
Concen: 19.629 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 96 Resp: 35379
Ion Ratio Lower Upper
96 100
61 125.8 98.1 147.1
98 63.3 51.4 77.2

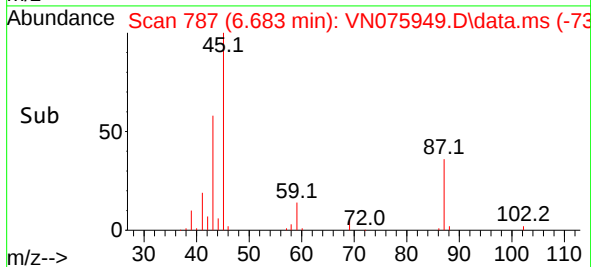
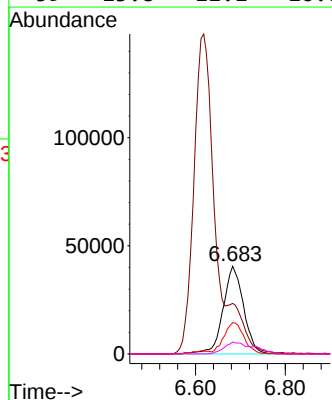
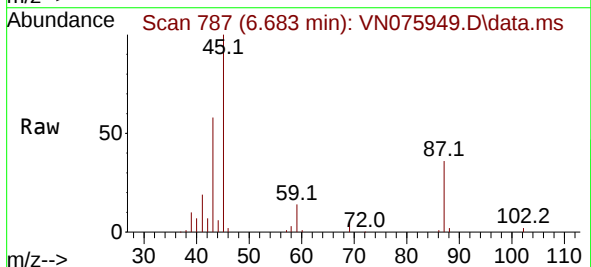
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#22
Diisopropyl ether
Concen: 27.478 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 45 Resp: 128420
Ion Ratio Lower Upper
45 100
43 56.1 44.2 66.4
87 35.8 28.3 42.5
59 13.8 11.1 16.7





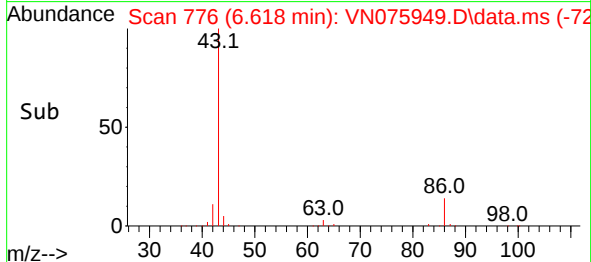
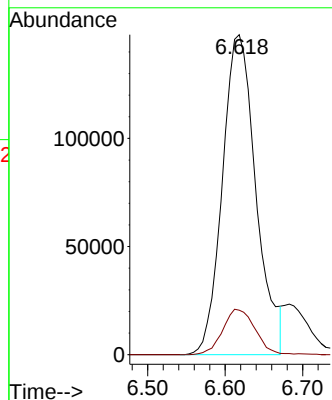
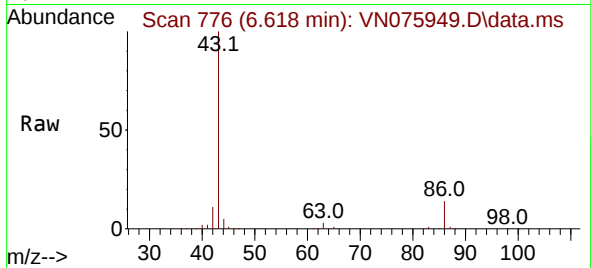
#23
 Vinyl Acetate
 Concen: 142.087 ug/l
 RT: 6.618 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN075949.D
 Acq: 22 Dec 2022 17:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBS01

Tgt Ion: 43 Resp: 44695
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.4 17.2

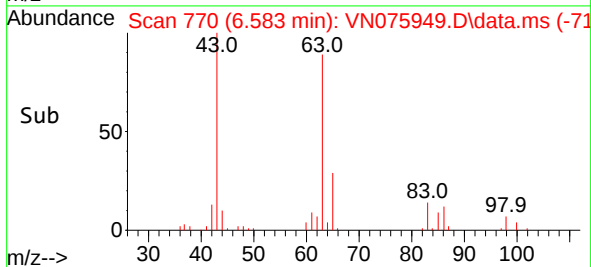
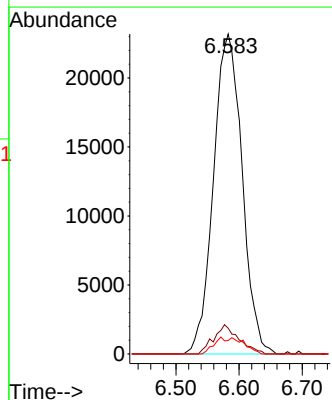
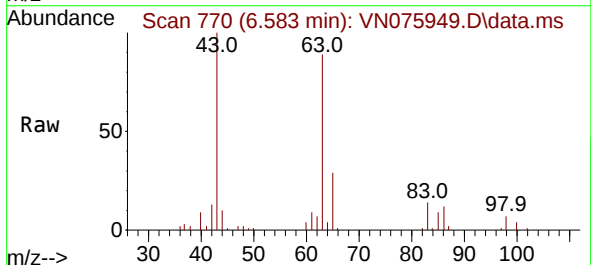
Manual Integrations
 APPROVED

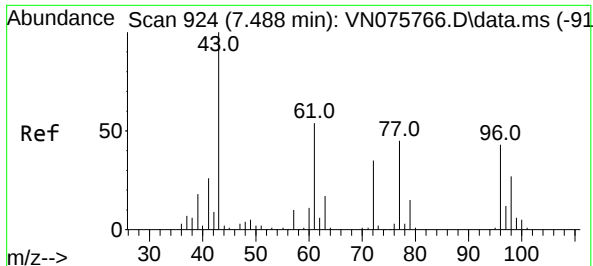
Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#24
 1,1-Dichloroethane
 Concen: 23.426 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075949.D
 Acq: 22 Dec 2022 17:00

Tgt Ion: 63 Resp: 73017
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.5
 100 4.2 2.5 7.6





#25

2-Butanone

Concen: 147.018 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBS01

Tgt Ion: 43 Resp: 143350

Ion Ratio Lower Upper

43 100

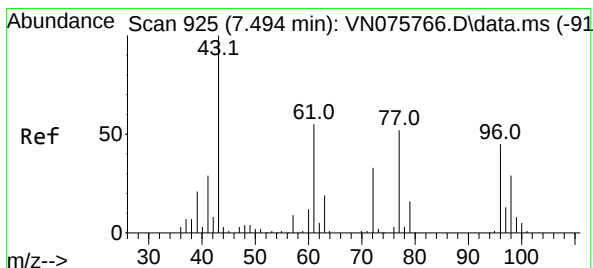
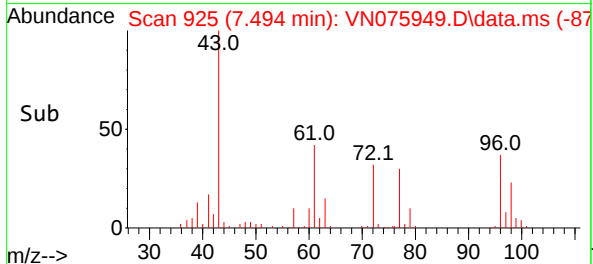
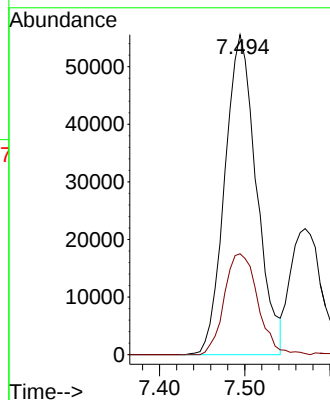
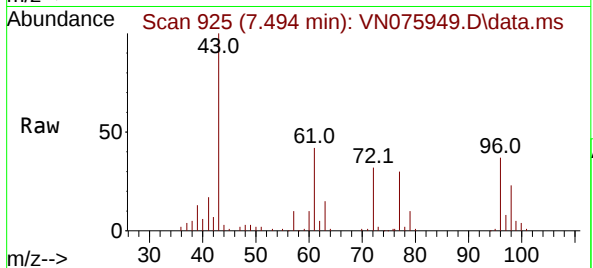
72 31.6 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#26

2,2-Dichloropropane

Concen: 18.661 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075949.D

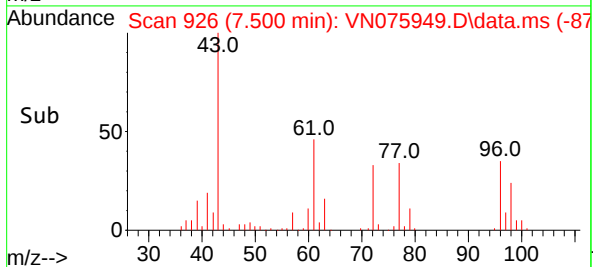
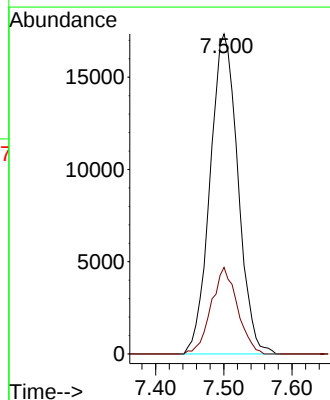
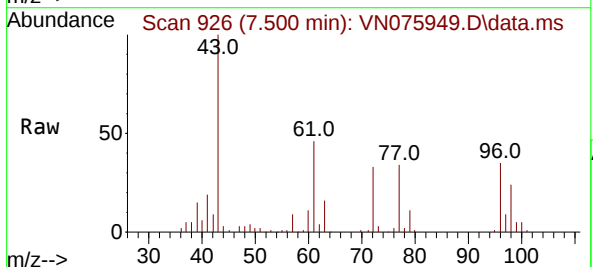
Acq: 22 Dec 2022 17:00

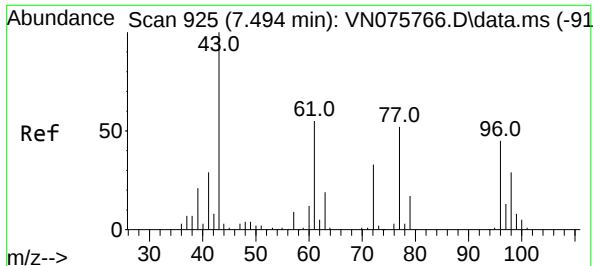
Tgt Ion: 77 Resp: 49257

Ion Ratio Lower Upper

77 100

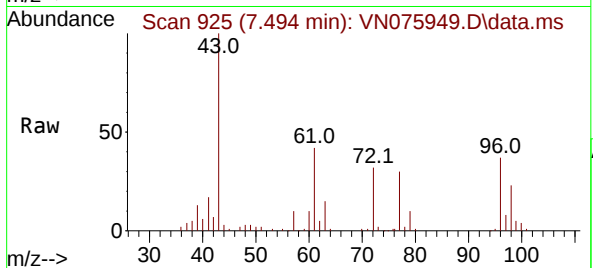
97 25.5 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 24.087 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075949.D
 Acq: 22 Dec 2022 17:00

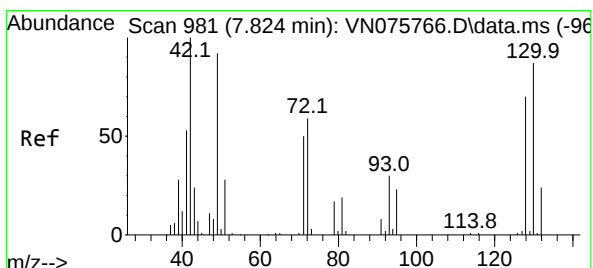
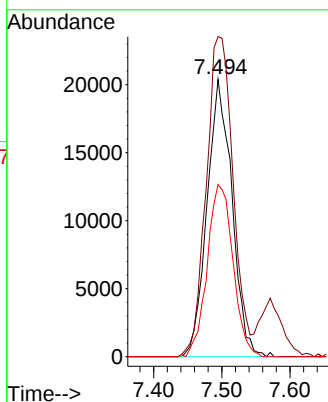
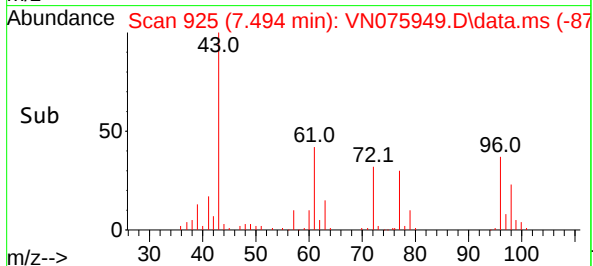
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBS01



Tgt Ion: 96 Resp: 5192
 Ion Ratio Lower Upper
 96 100
 61 123.7 0.0 247.8
 98 64.2 0.0 128.4

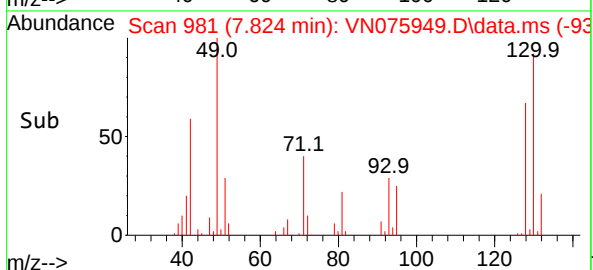
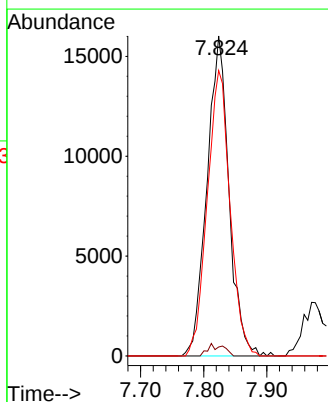
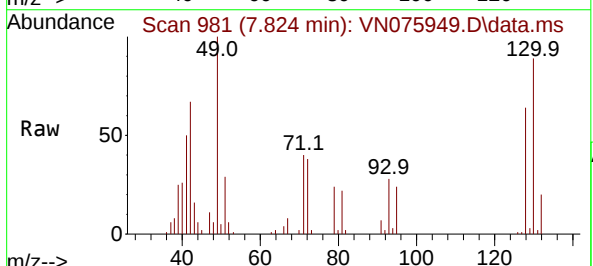
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#28
 Bromochloromethane
 Concen: 28.381 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN075949.D
 Acq: 22 Dec 2022 17:00

Tgt Ion: 49 Resp: 38772
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.0
 130 92.2 77.0 115.4





#29

Tetrahydrofuran

Concen: 151.546 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBS01

Tgt Ion: 42 Resp: 92600

Ion Ratio Lower Upper

42 100

72 55.5 44.5 66.7

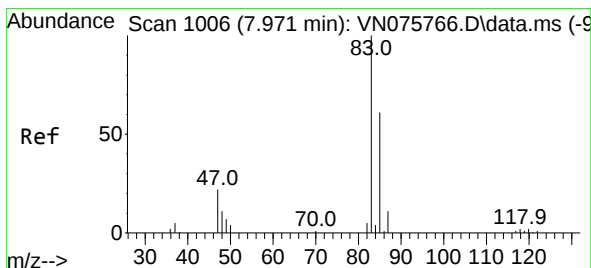
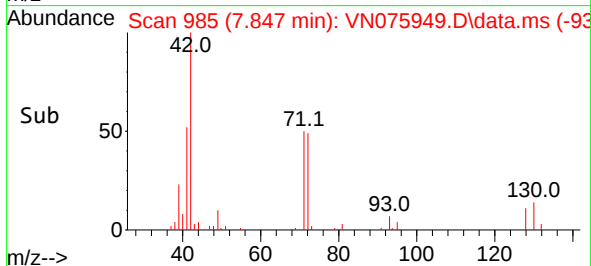
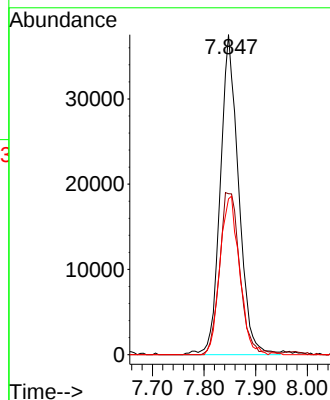
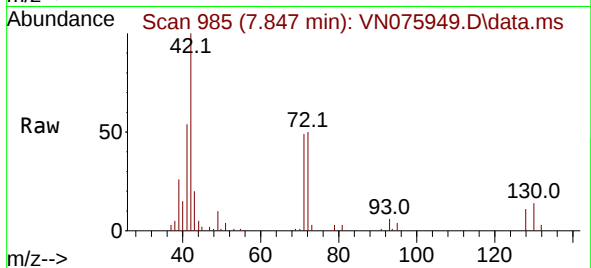
71 52.7 41.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#30

Chloroform

Concen: 24.311 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN075949.D

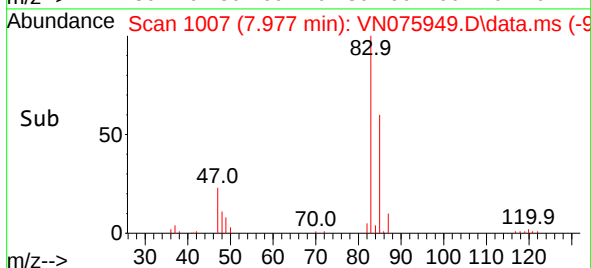
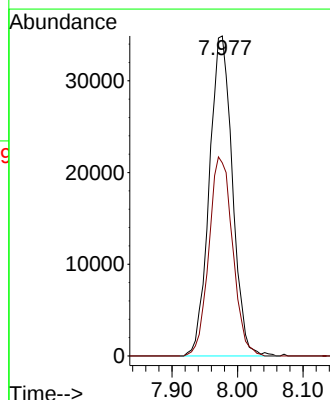
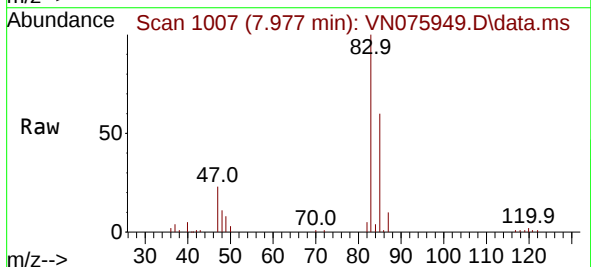
Acq: 22 Dec 2022 17:00

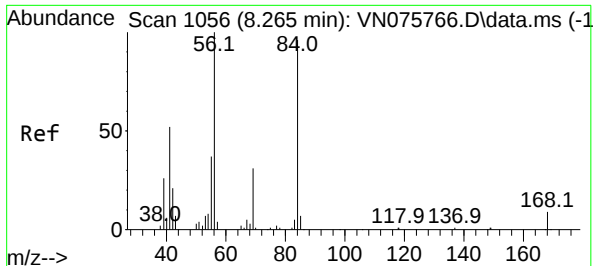
Tgt Ion: 83 Resp: 85314

Ion Ratio Lower Upper

83 100

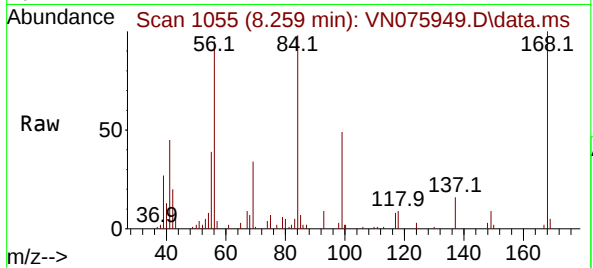
85 60.4 49.1 73.7





#31
Cyclohexane
Concen: 15.495 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

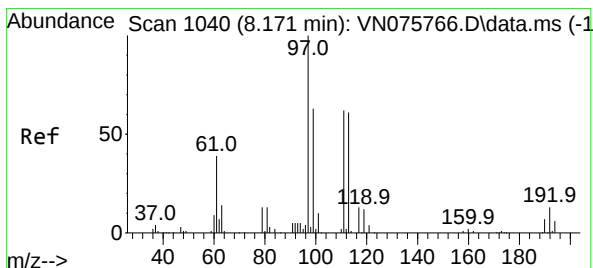
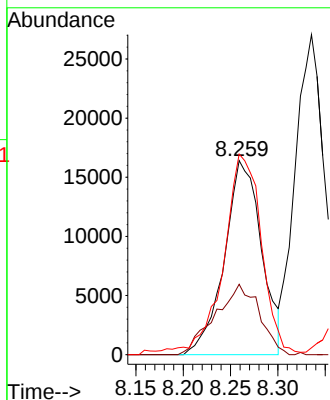
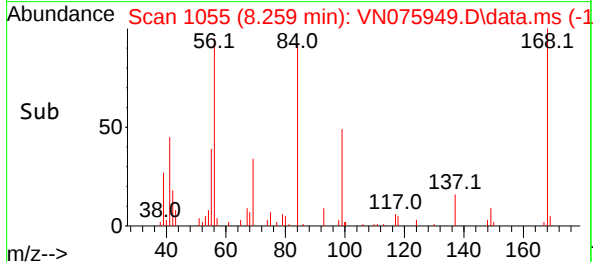
Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01



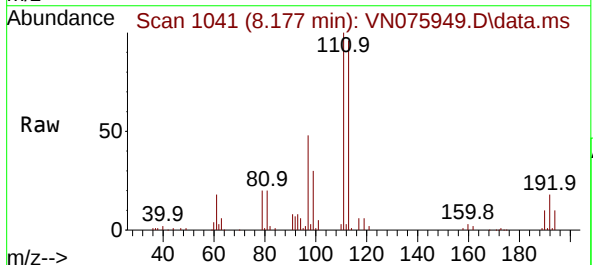
Tgt Ion: 56 Resp: 44828
Ion Ratio Lower Upper
56 100
69 36.2 24.7 37.1
84 99.8 76.5 114.7

Manual Integrations
APPROVED

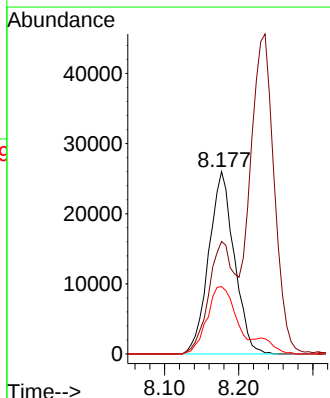
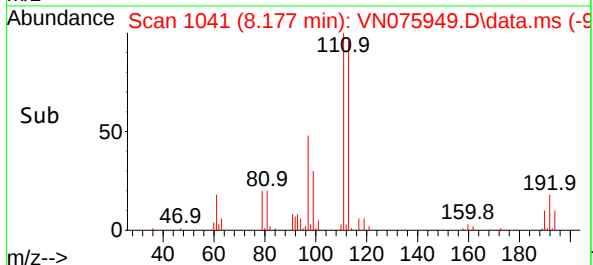
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#32
1,1,1-Trichloroethane
Concen: 19.976 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00



Tgt Ion: 97 Resp: 62150
Ion Ratio Lower Upper
97 100
99 63.9 50.2 75.2
61 42.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 71.451 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBS01

Tgt Ion: 65 Resp: 144339

Ion Ratio Lower Upper

65 100

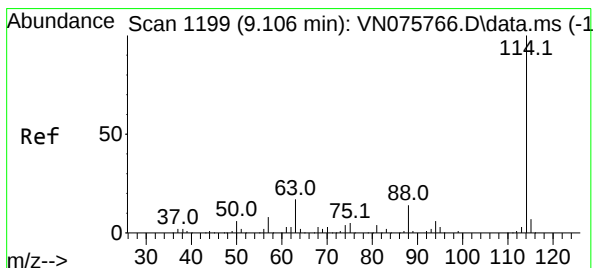
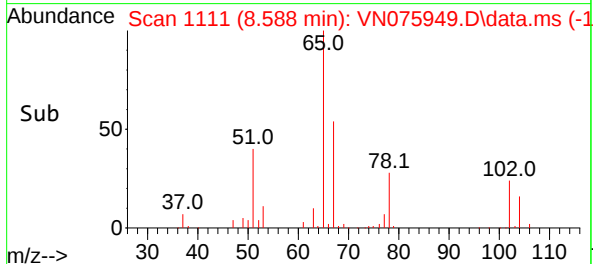
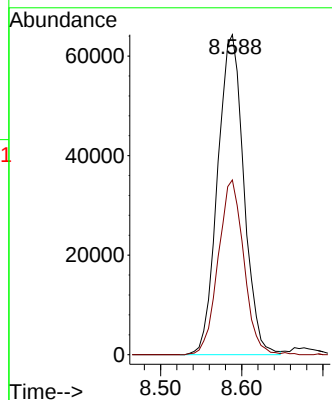
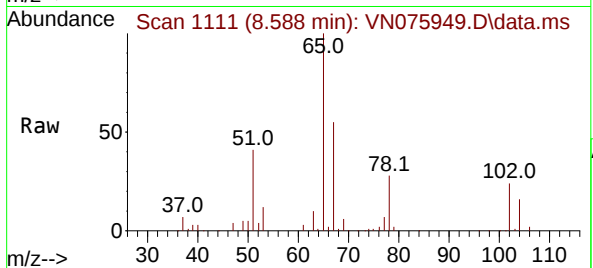
67 53.4 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

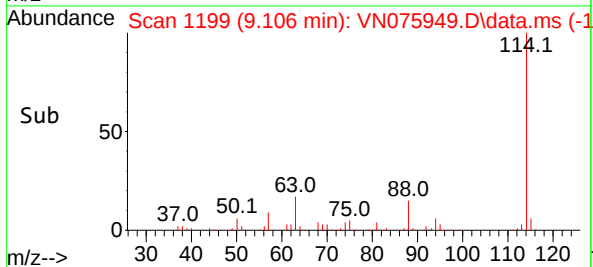
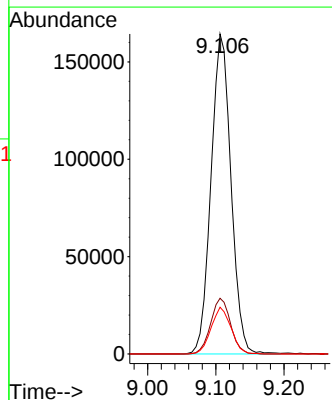
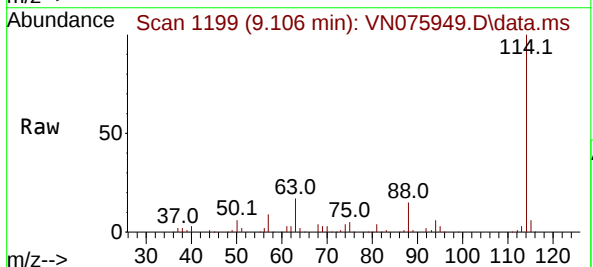
Tgt Ion:114 Resp: 334840

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 60.988 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBS01

Tgt Ion:113 Resp: 12646

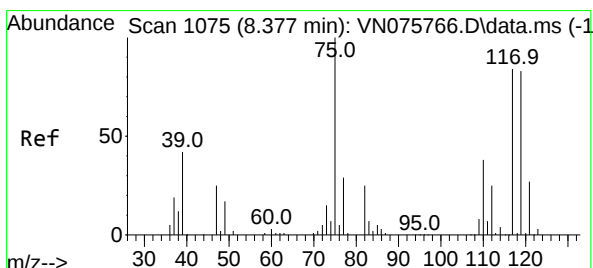
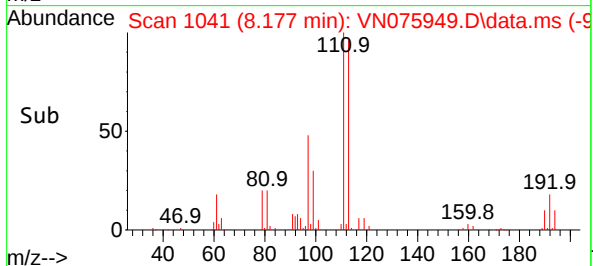
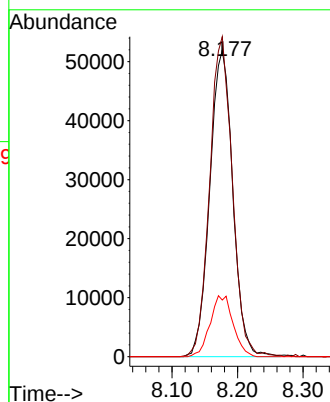
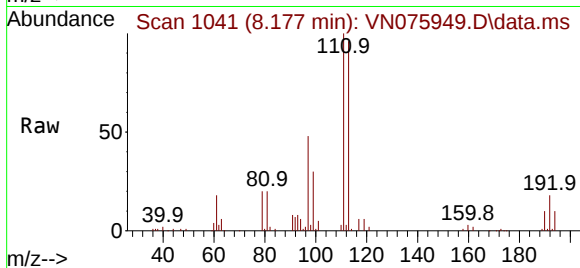
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	19.9	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#36

1,1-Dichloropropene

Concen: 15.524 ug/l

RT: 8.383 min Scan# 1076

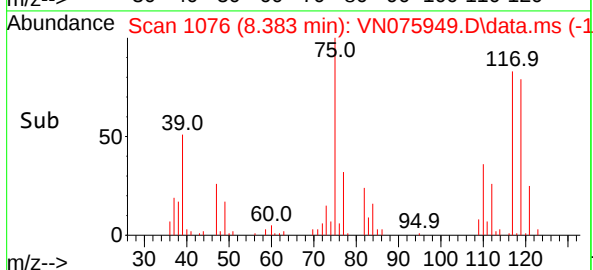
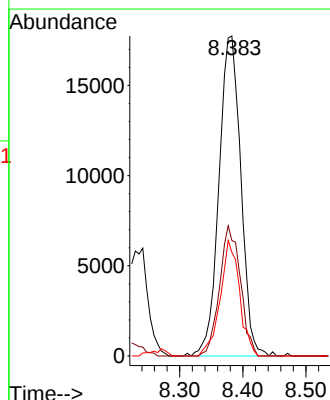
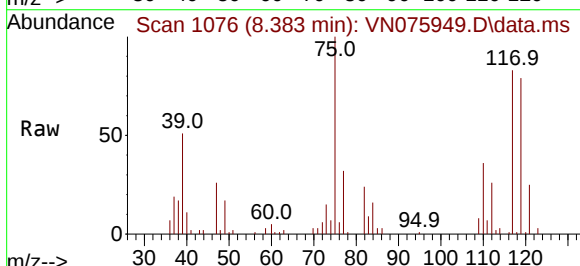
Delta R.T. 0.006 min

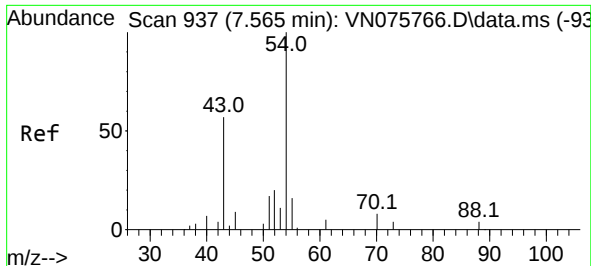
Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Tgt Ion: 75 Resp: 42762

Ion	Ratio	Lower	Upper
75	100		
110	38.6	18.8	56.4
77	31.8	24.1	36.1





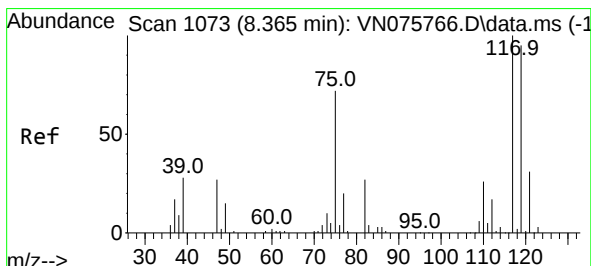
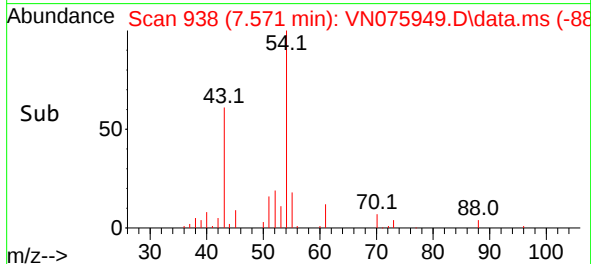
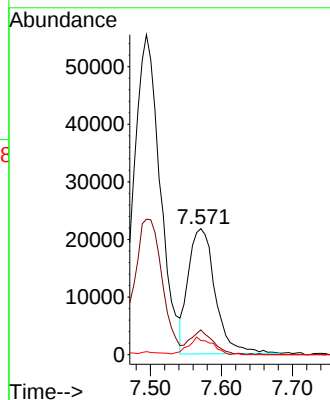
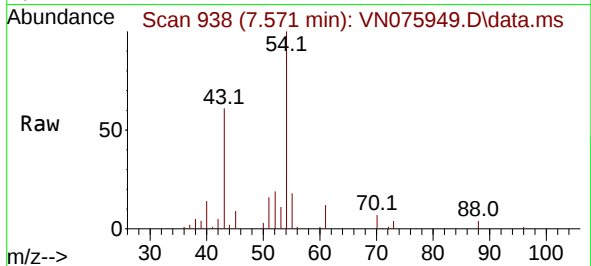
#37
Ethyl Acetate
Concen: 25.841 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 43 Resp: 5717
Ion Ratio Lower Upper
43 100
61 16.3 13.0 19.4
70 12.1 9.4 14.0

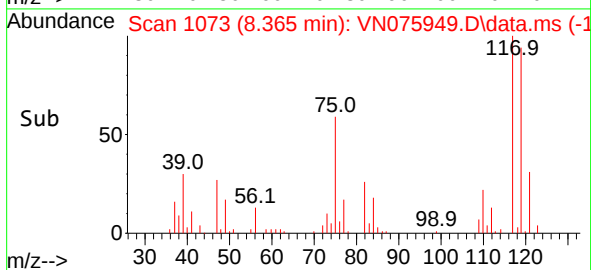
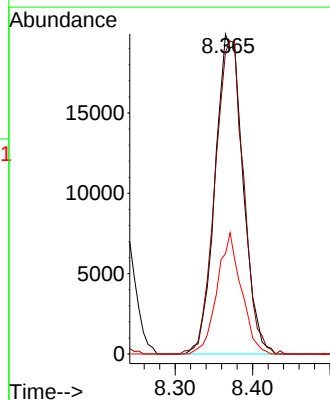
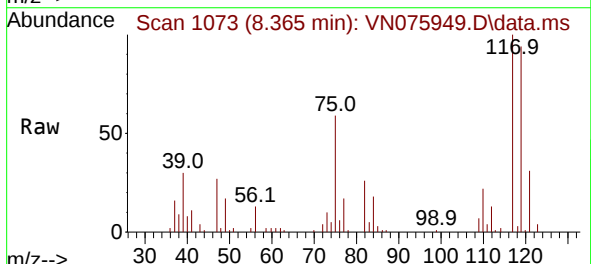
Manual Integrations
APPROVED

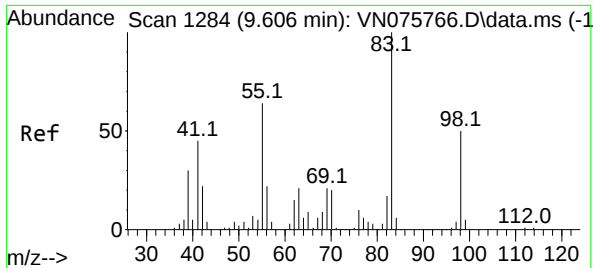
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#38
Carbon Tetrachloride
Concen: 16.150 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

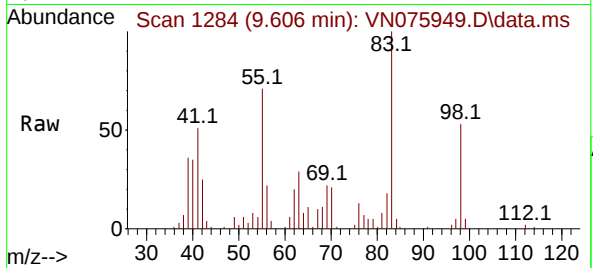
Tgt Ion:117 Resp: 49791
Ion Ratio Lower Upper
117 100
119 94.3 76.1 114.1
121 31.3 24.5 36.7





#39
Methylcyclohexane
Concen: 14.450 ug/l
RT: 9.606 min Scan# 11284
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

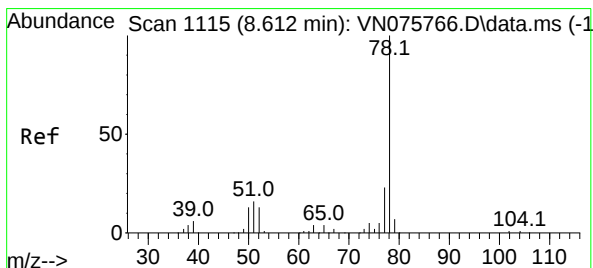
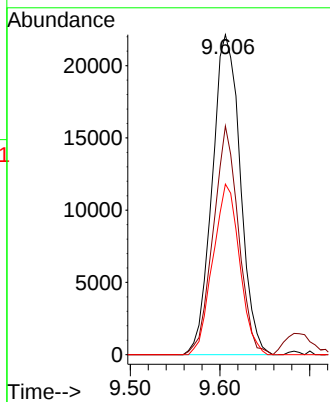
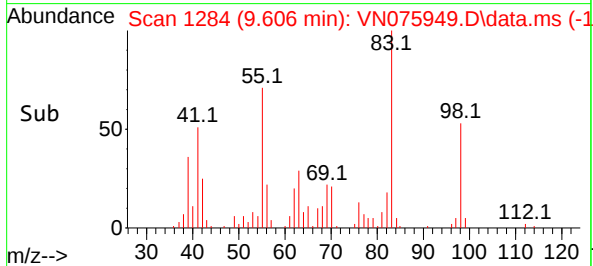
Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01



Tgt Ion: 83 Resp: 48020
Ion Ratio Lower Upper
83 100
55 71.5 51.4 77.0
98 53.3 39.8 59.8

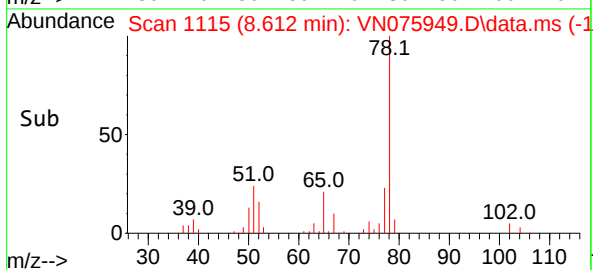
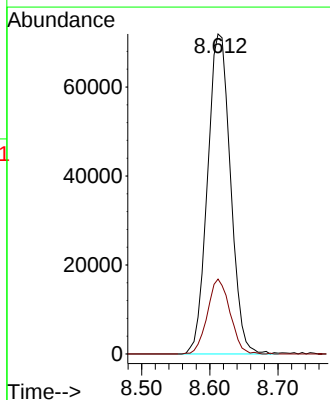
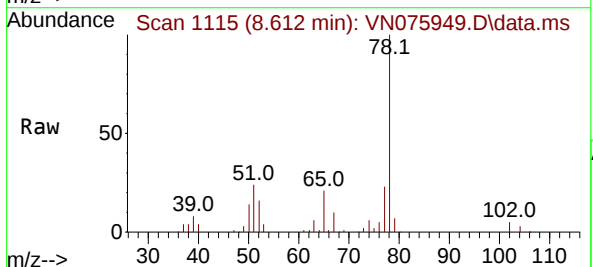
Manual Integrations
APPROVED

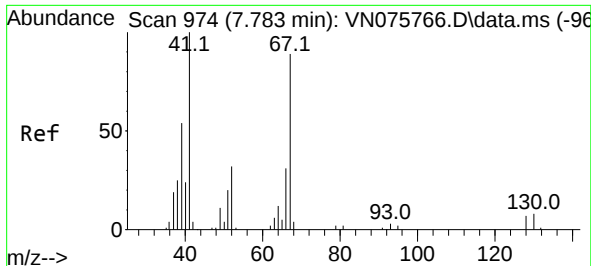
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#40
Benzene
Concen: 19.836 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 78 Resp: 168582
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7





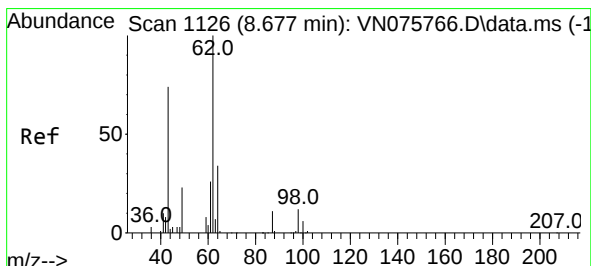
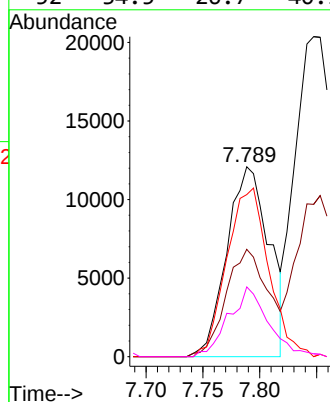
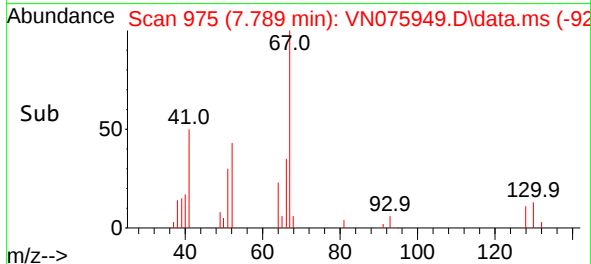
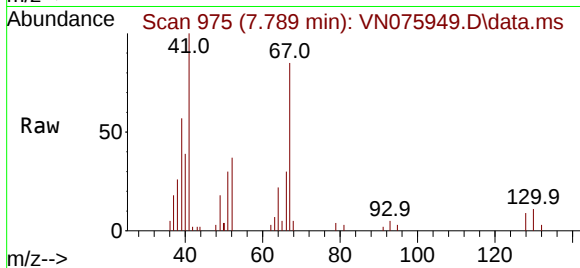
#41
Methacrylonitrile
Concen: 27.157 ug/l
RT: 7.789 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 41 Resp: 3123
Ion Ratio Lower Upper
41 100
39 56.4 43.1 64.7
67 88.3 70.7 106.1
52 34.5 26.7 40.1

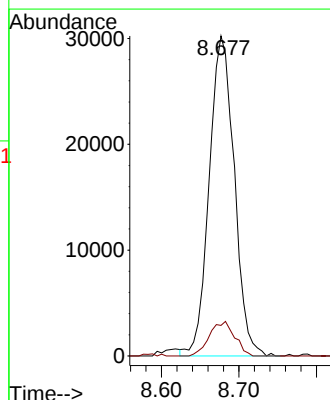
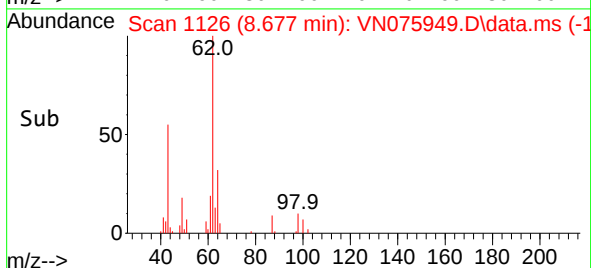
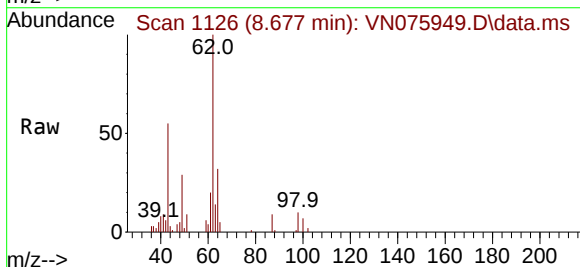
Manual Integrations
APPROVED

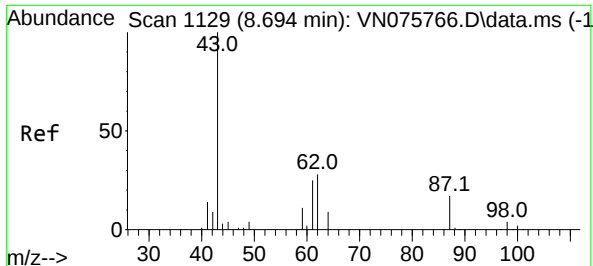
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#42
1,2-Dichloroethane
Concen: 24.064 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 62 Resp: 67993
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.8





#43

Isopropyl Acetate

Concen: 26.504 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBS01

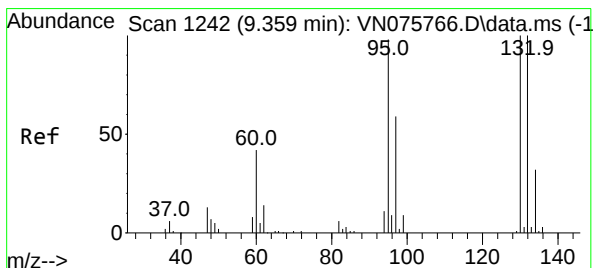
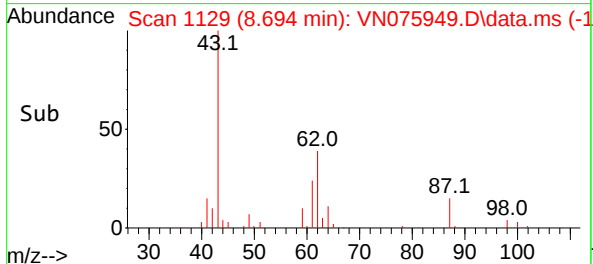
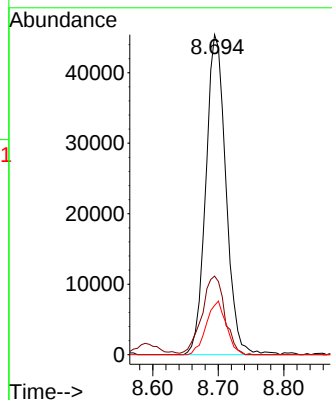
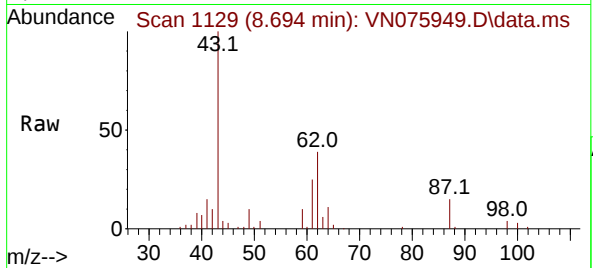
Tgt Ion: 43	Resp: 9673
Ion Ratio	Lower Upper
43 100	
61 27.9	24.2 36.4
87 16.7	13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#44

Trichloroethene

Concen: 17.071 ug/l

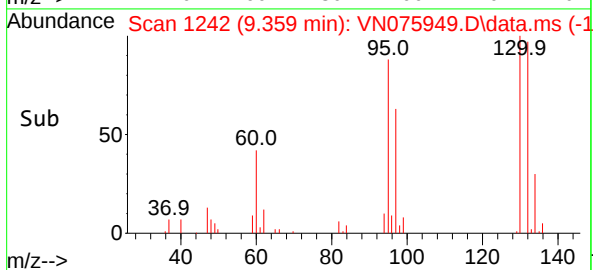
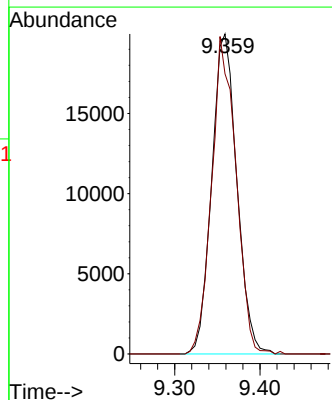
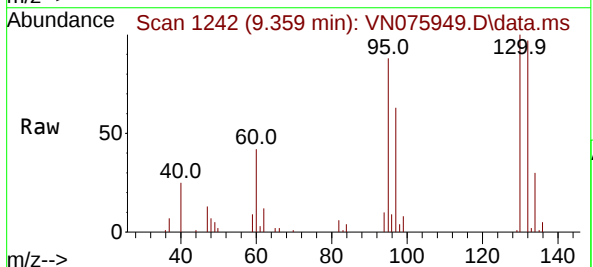
RT: 9.359 min Scan# 1242

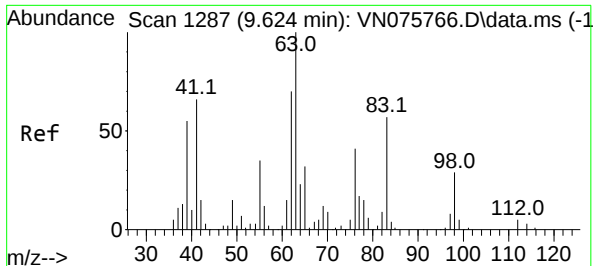
Delta R.T. 0.000 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Tgt Ion:130	Resp: 40872
Ion Ratio	Lower Upper
130 100	
95 87.5	0.0 195.4





#45

1,2-Dichloropropane

Concen: 22.082 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBS01

Tgt Ion: 63 Resp: 45670

Ion Ratio Lower Upper

63 100

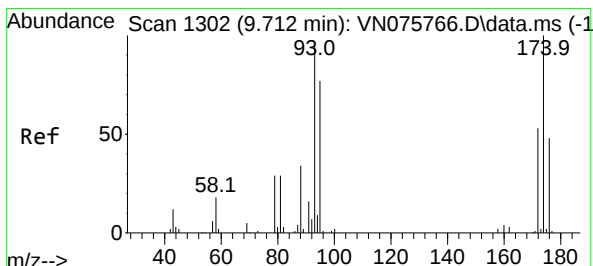
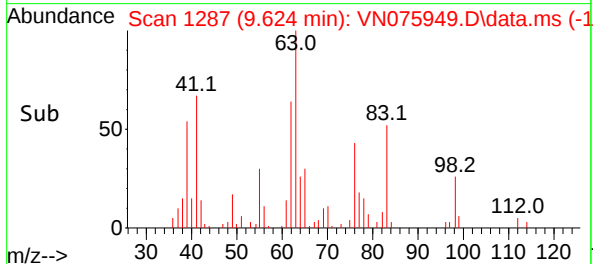
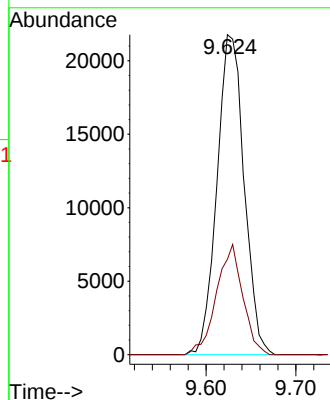
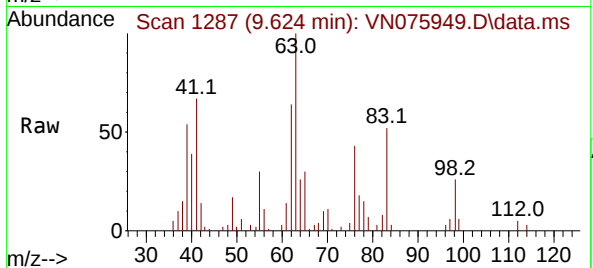
65 29.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#46

Dibromomethane

Concen: 24.090 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

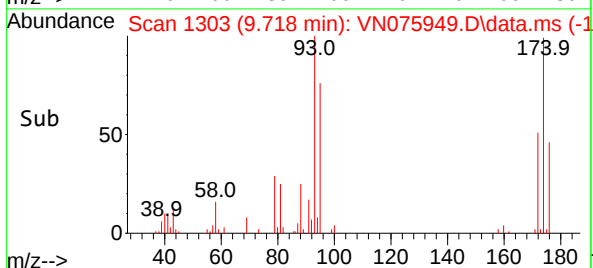
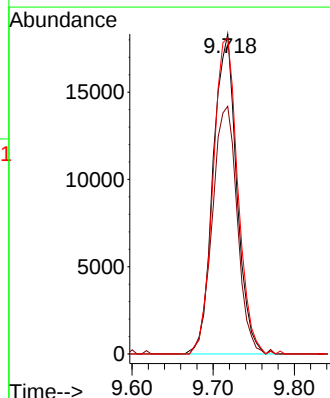
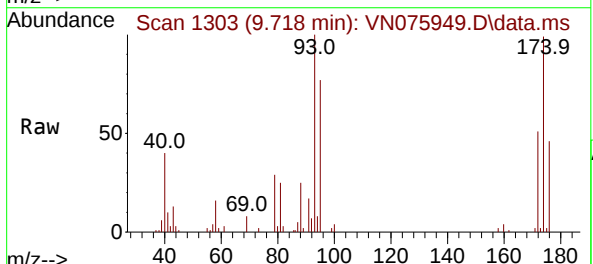
Tgt Ion: 93 Resp: 36953

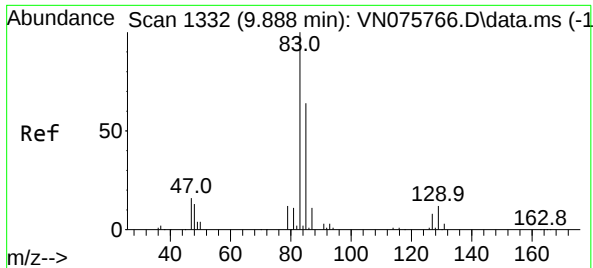
Ion Ratio Lower Upper

93 100

95 81.5 65.2 97.8

174 103.5 82.4 123.6





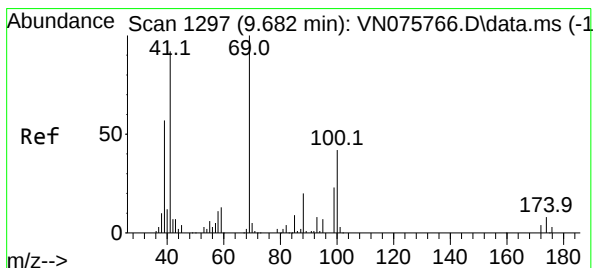
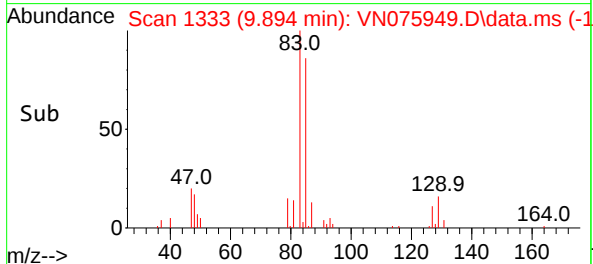
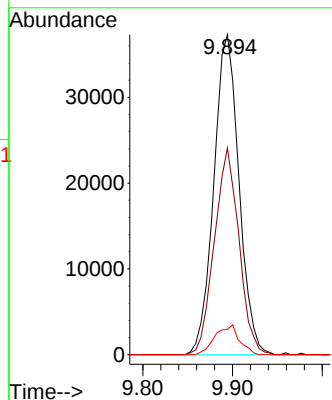
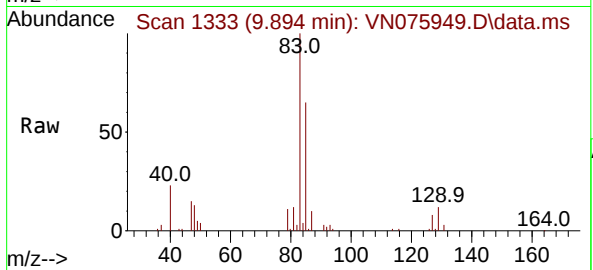
#47
Bromodichloromethane
Concen: 24.163 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 83 Resp: 72680
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3
127 7.9 6.6 10.0

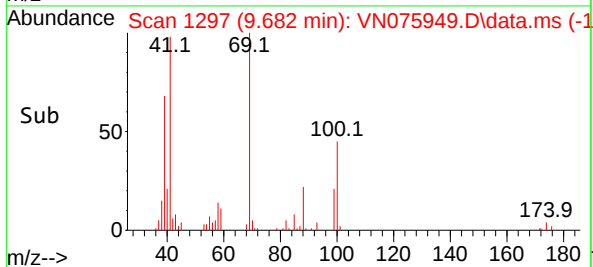
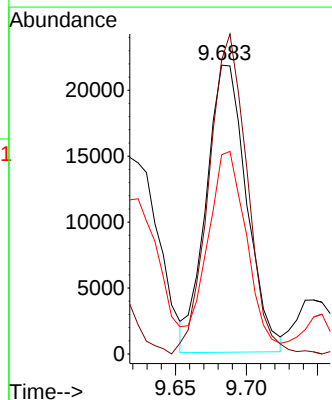
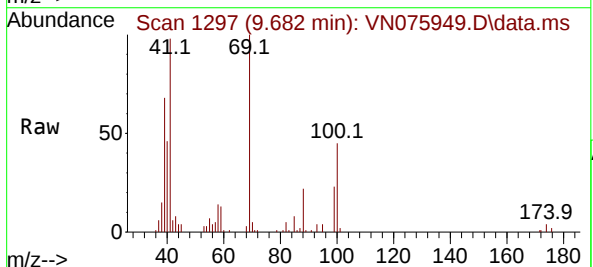
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#48
Methyl methacrylate
Concen: 26.295 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 41 Resp: 43225
Ion Ratio Lower Upper
41 100
69 105.5 81.9 122.9
39 69.3 51.6 77.4





#49

1,4-Dioxane

Concen: 566.716 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBS01

Tgt Ion: 88 Resp: 2290

Ion Ratio Lower Upper

88 100

43 24.6 17.1 25.7

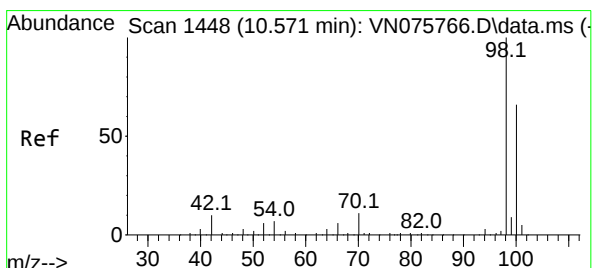
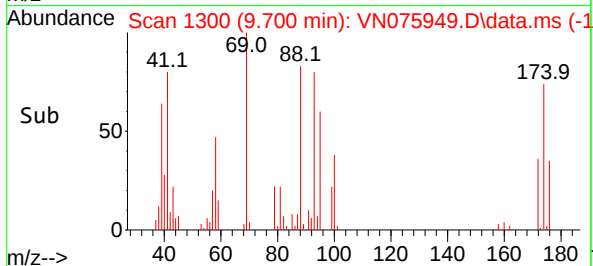
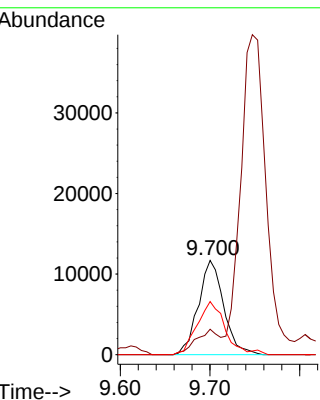
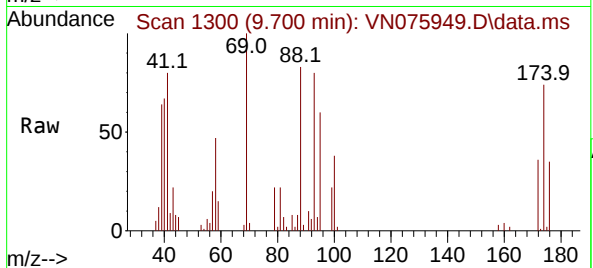
58 62.8 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#50

Toluene-d8

Concen: 51.422 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075949.D

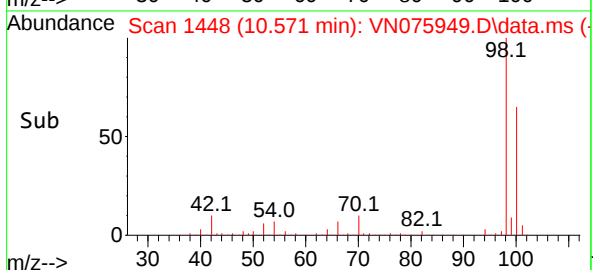
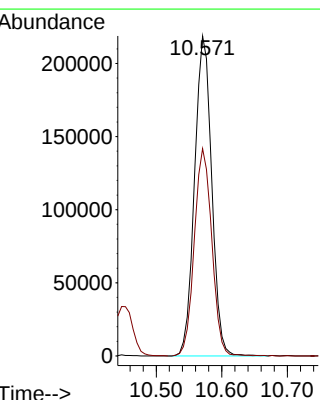
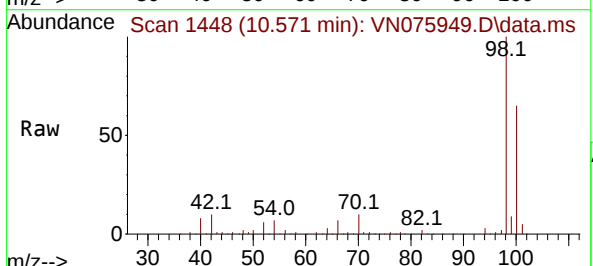
Acq: 22 Dec 2022 17:00

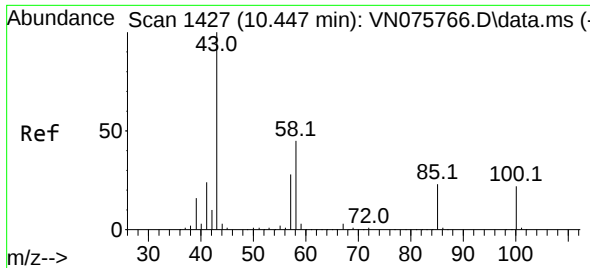
Tgt Ion: 98 Resp: 398677

Ion Ratio Lower Upper

98 100

100 66.1 52.1 78.1





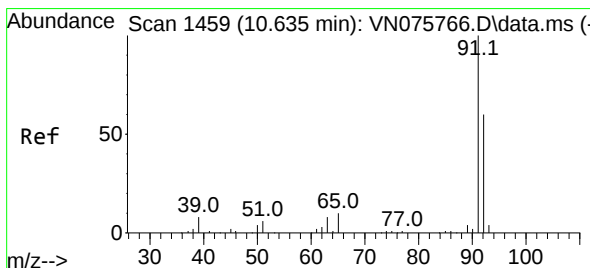
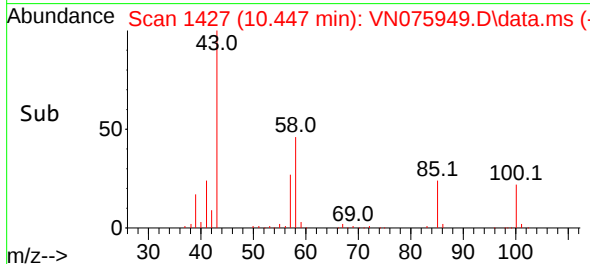
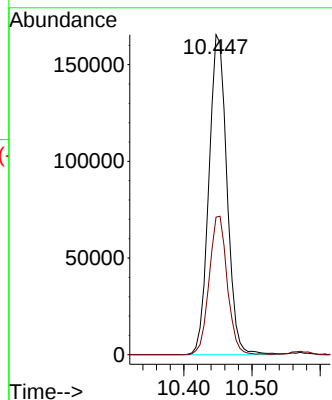
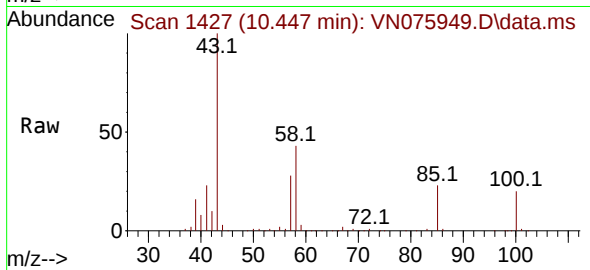
#51
4-Methyl-2-Pentanone
Concen: 138.345 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 43 Resp: 305368
Ion Ratio Lower Upper
43 100
58 43.4 35.5 53.3

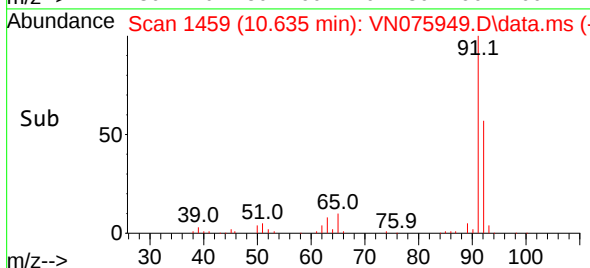
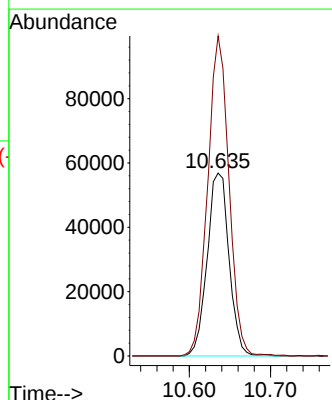
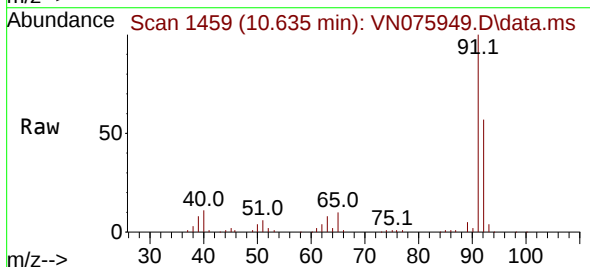
Manual Integrations
APPROVED

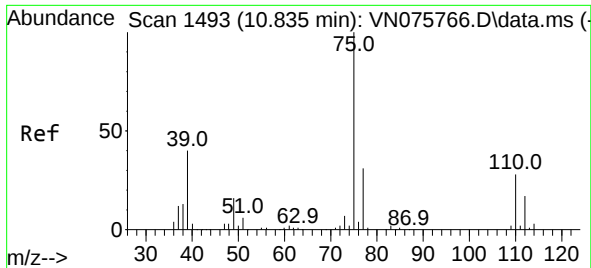
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#52
Toluene
Concen: 19.192 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 92 Resp: 106230
Ion Ratio Lower Upper
92 100
91 170.3 137.3 205.9





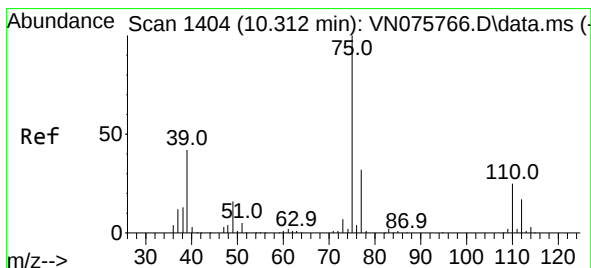
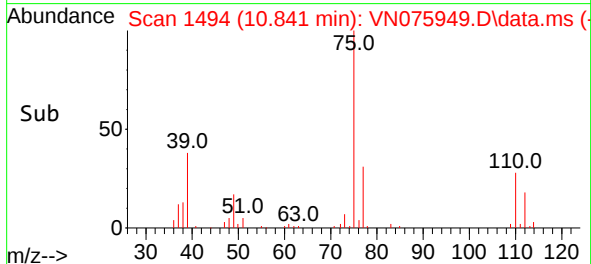
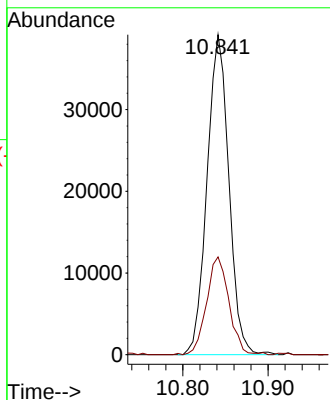
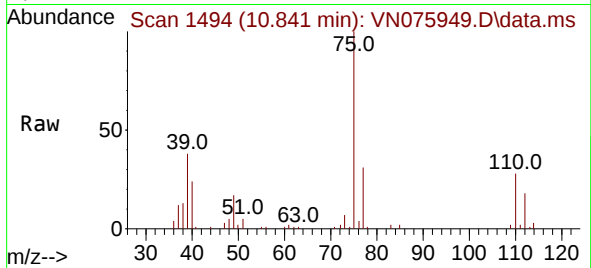
#53
 t-1,3-Dichloropropene
 Concen: 23.650 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075949.D
 Acq: 22 Dec 2022 17:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBS01

Tgt Ion: 75 Resp: 6964
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.9 37.3

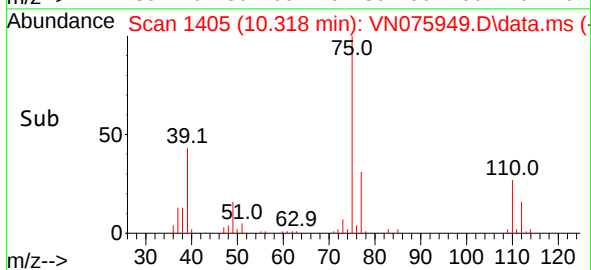
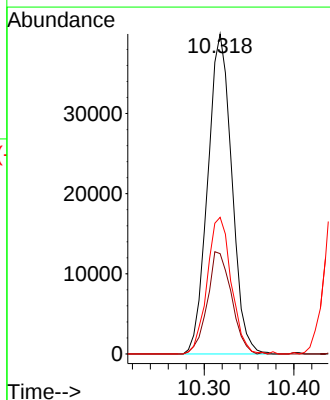
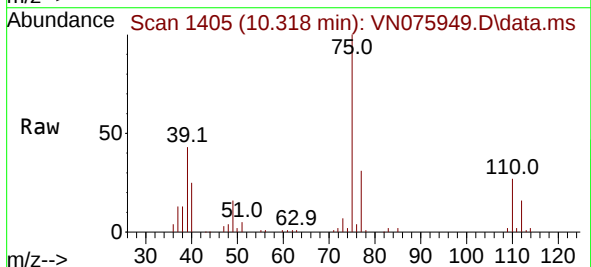
Manual Integrations
 APPROVED

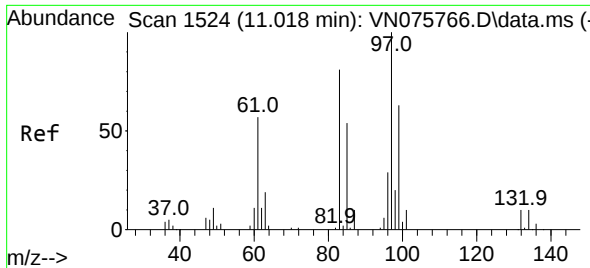
Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#54
 cis-1,3-Dichloropropene
 Concen: 22.984 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075949.D
 Acq: 22 Dec 2022 17:00

Tgt Ion: 75 Resp: 74310
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.8
 39 42.7 33.4 50.2





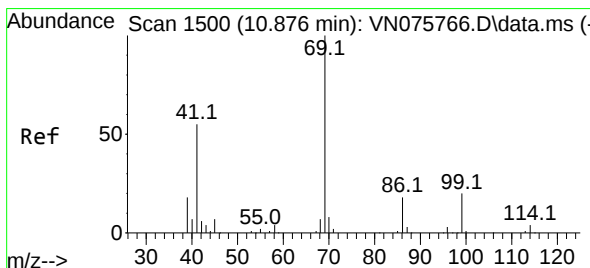
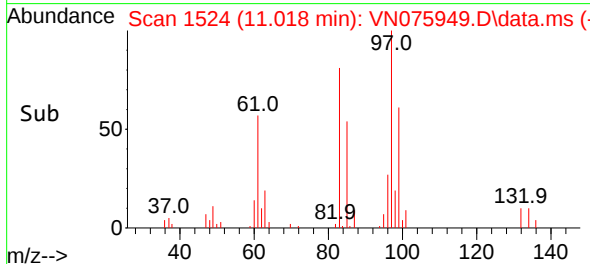
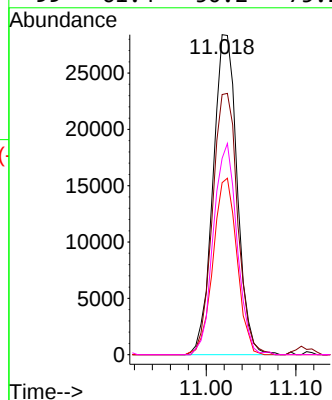
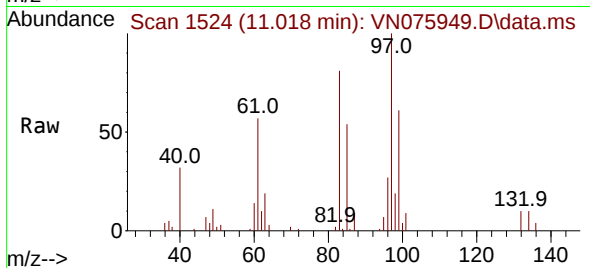
#55
1,1,2-Trichloroethane
Concen: 24.460 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 97	Resp: 5314
Ion Ratio	Lower Upper
97 100	
83 81.3	65.0 97.4
85 53.8	43.0 64.6
99 61.4	50.2 75.2

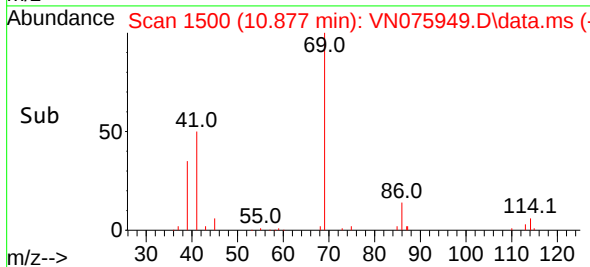
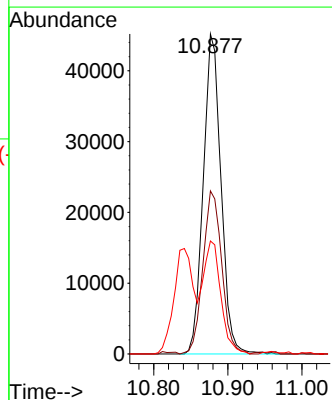
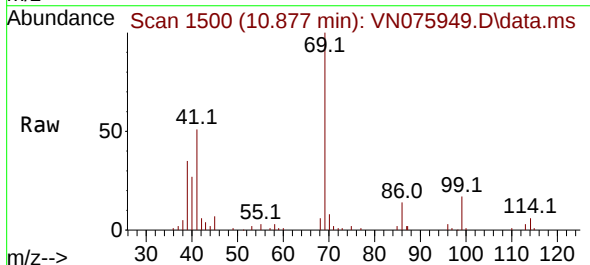
Manual Integrations
APPROVED

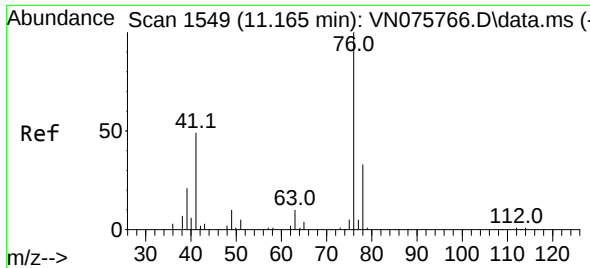
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#56
Ethyl methacrylate
Concen: 26.046 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 69	Resp: 75162
Ion Ratio	Lower Upper
69 100	
41 54.0	44.2 66.4
39 35.2	26.4 39.6





#57

1,3-Dichloropropane

Concen: 24.277 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBS01

Tgt Ion: 76 Resp: 86510

Ion Ratio Lower Upper

76 100

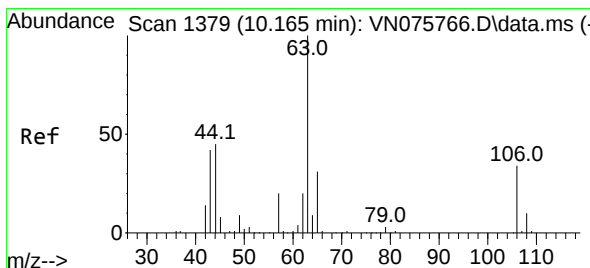
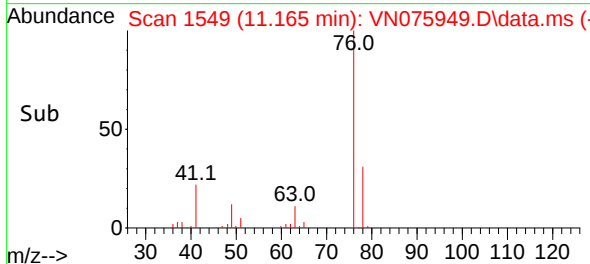
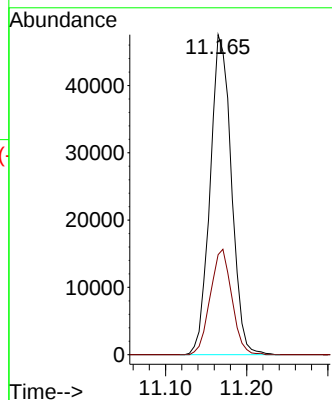
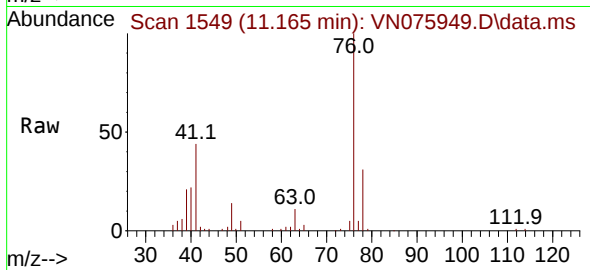
78 33.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#58

2-Chloroethyl Vinyl ether

Concen: 109.742 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075949.D

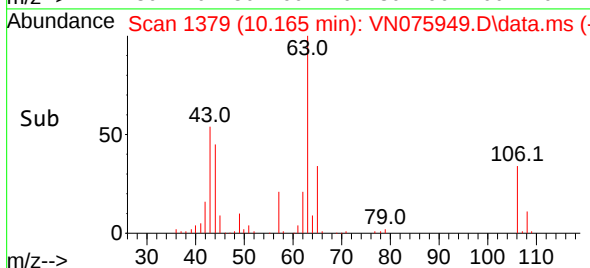
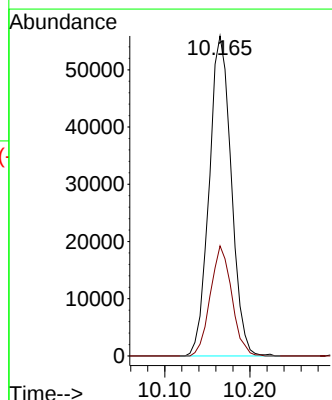
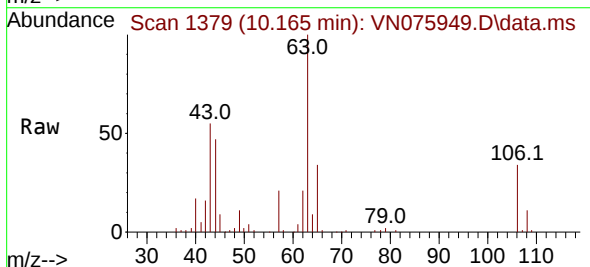
Acq: 22 Dec 2022 17:00

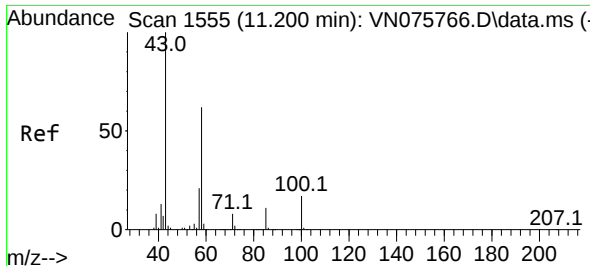
Tgt Ion: 63 Resp: 100827

Ion Ratio Lower Upper

63 100

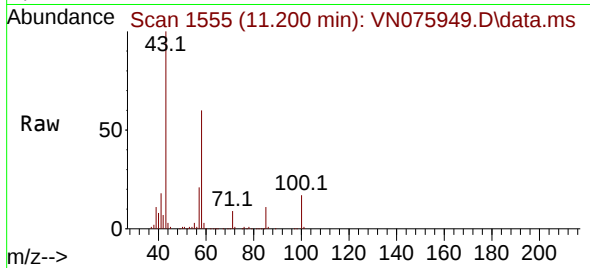
106 33.4 26.4 39.6





#59
2-Hexanone
Concen: 136.478 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

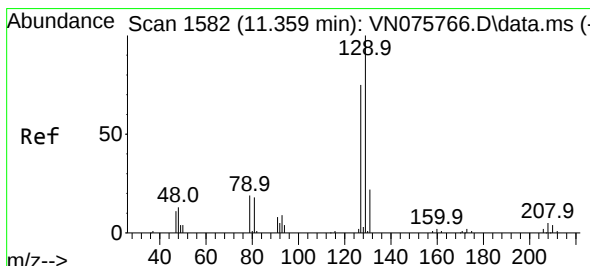
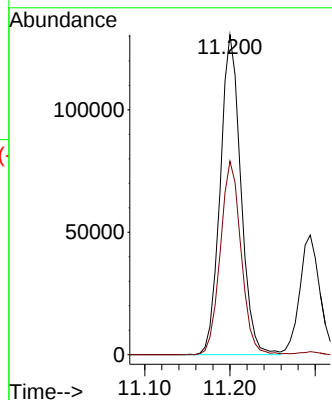
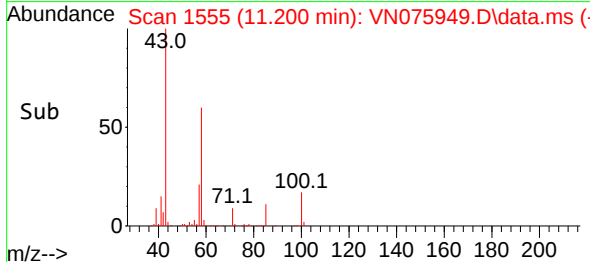
Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01



Tgt Ion: 43 Resp: 219689
Ion Ratio Lower Upper
43 100
58 61.0 30.6 92.0

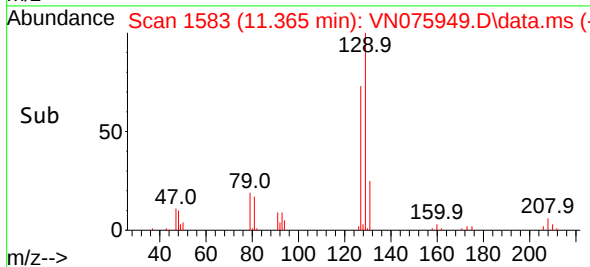
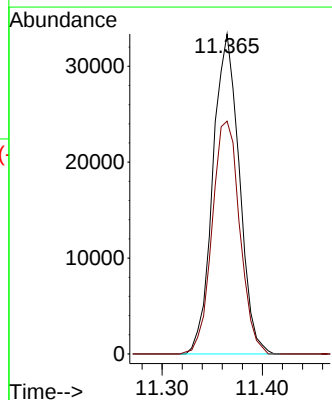
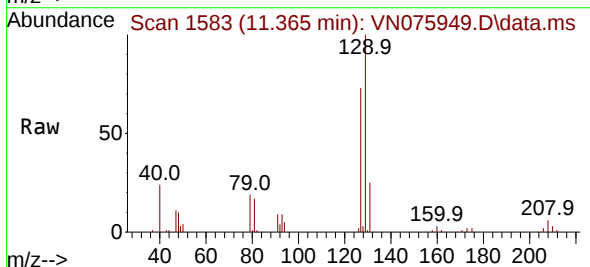
Manual Integrations
APPROVED

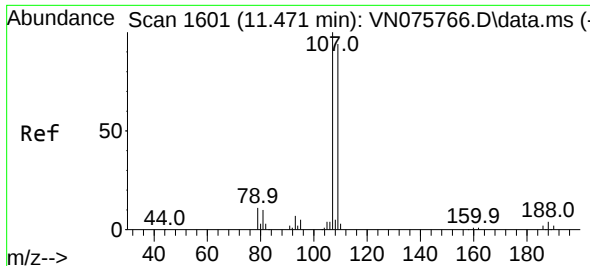
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#60
Dibromochloromethane
Concen: 25.211 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion:129 Resp: 60911
Ion Ratio Lower Upper
129 100
127 76.0 38.3 114.9





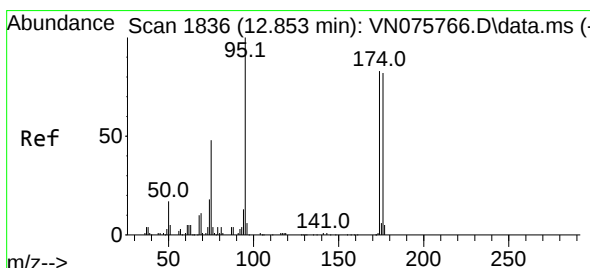
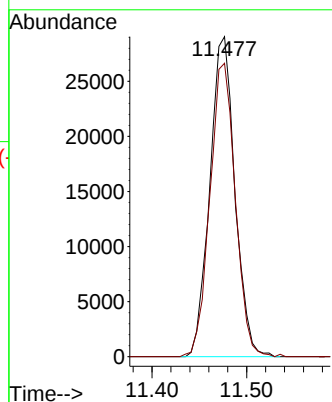
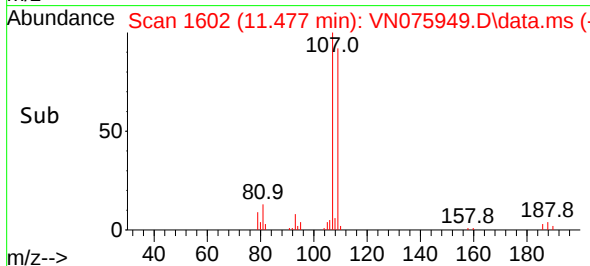
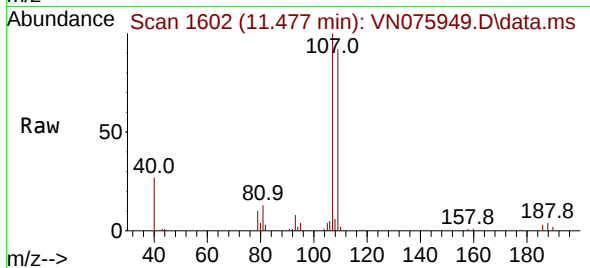
#61
1,2-Dibromoethane
Concen: 24.339 ug/l
RT: 11.477 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion:107 Resp: 5351
Ion Ratio Lower Upper
107 100
109 92.8 74.8 112.2

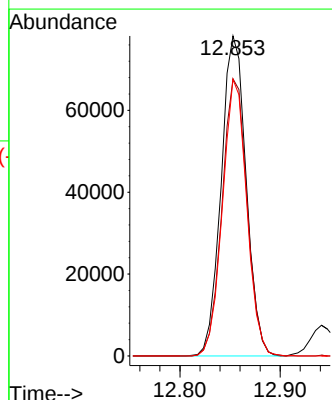
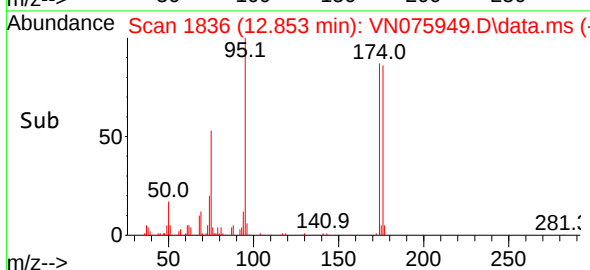
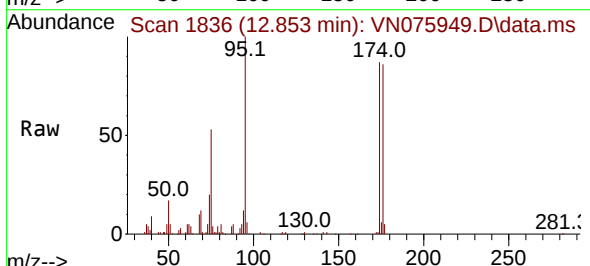
Manual Integrations
APPROVED

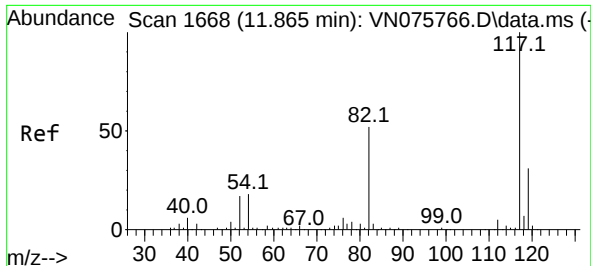
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#62
4-Bromofluorobenzene
Concen: 52.700 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

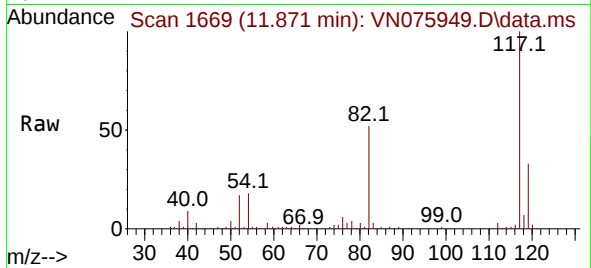
Tgt Ion: 95 Resp: 135327
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 83.9 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

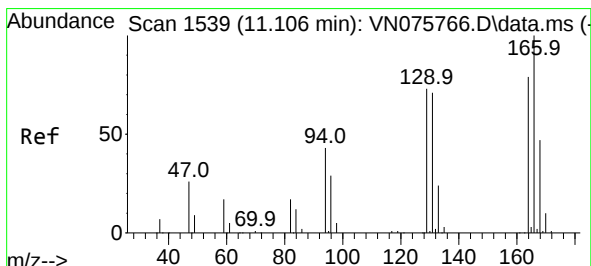
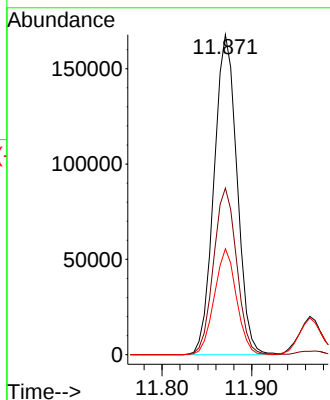
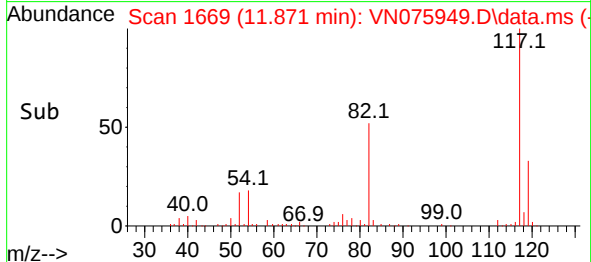
Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01



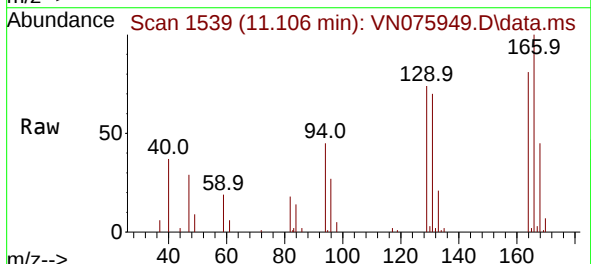
Tgt Ion:117 Resp: 298718
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 33.1 24.6 37.0

Manual Integrations
APPROVED

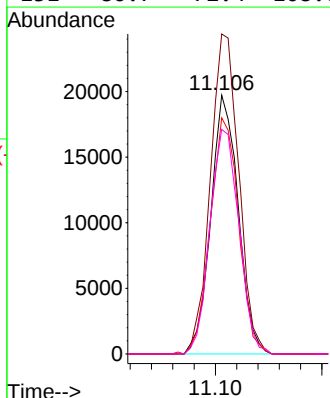
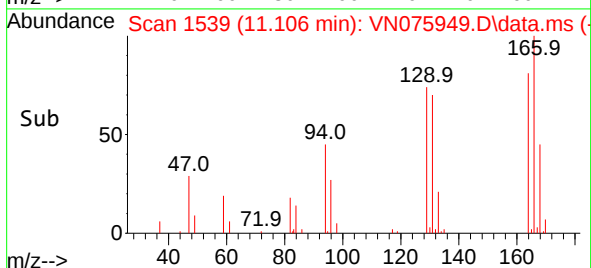
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

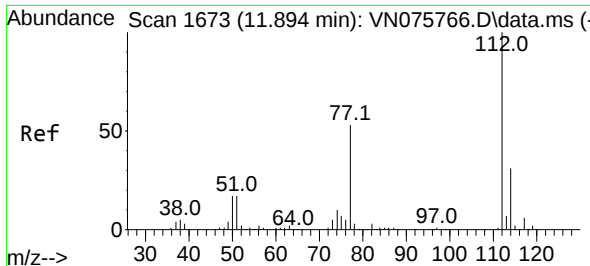


#64
Tetrachloroethene
Concen: 16.756 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00



Tgt Ion:164 Resp: 35221
Ion Ratio Lower Upper
164 100
166 123.7 101.9 152.9
129 91.2 74.2 111.2
131 86.7 72.4 108.6





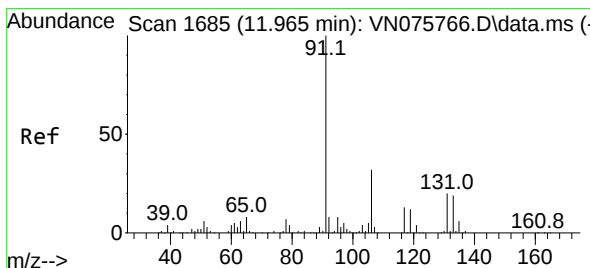
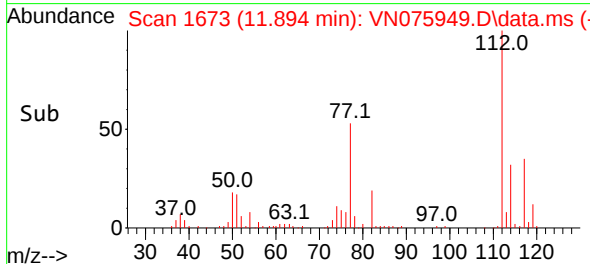
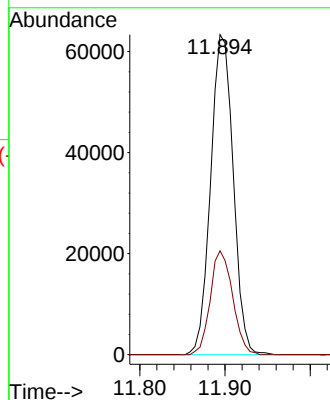
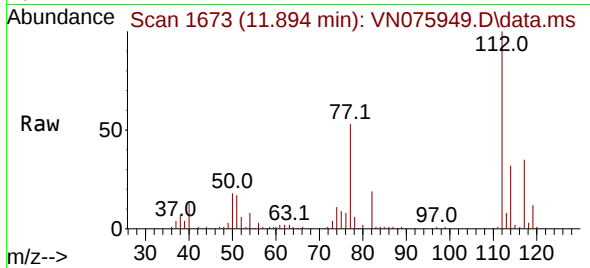
#65
Chlorobenzene
Concen: 19.024 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion:112 Resp: 116638
Ion Ratio Lower Upper
112 100
114 32.5 24.7 37.1

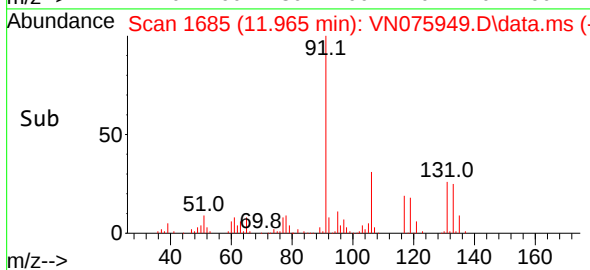
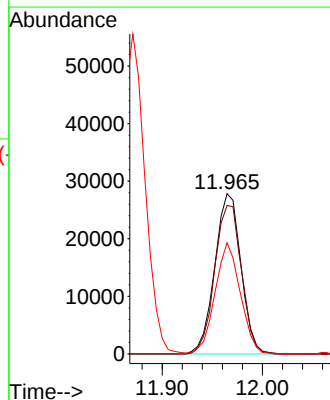
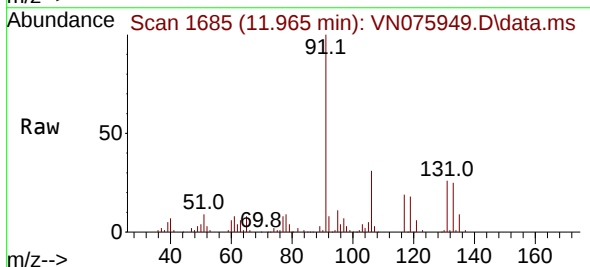
Manual Integrations
APPROVED

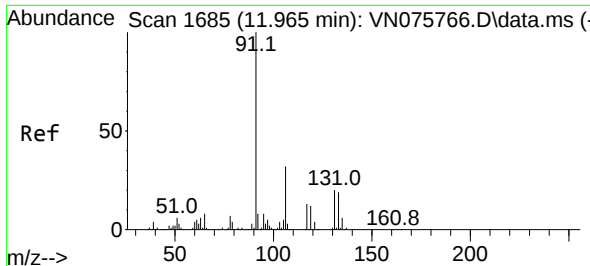
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 22.229 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion:131 Resp: 50482
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.5
119 66.9 31.9 95.7





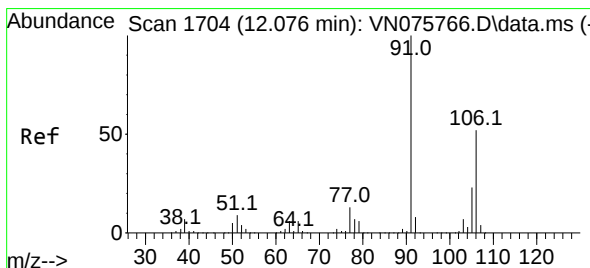
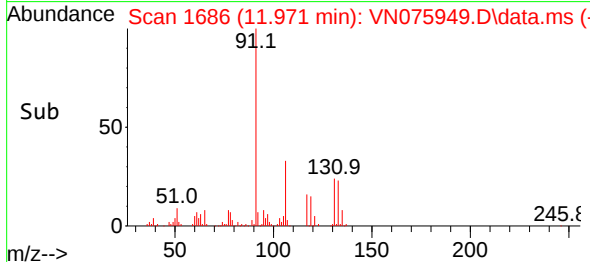
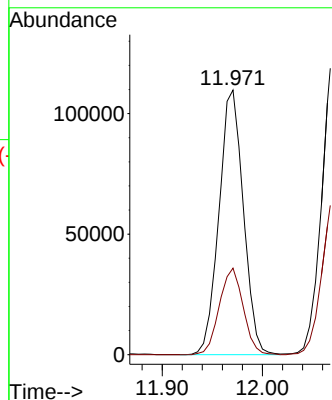
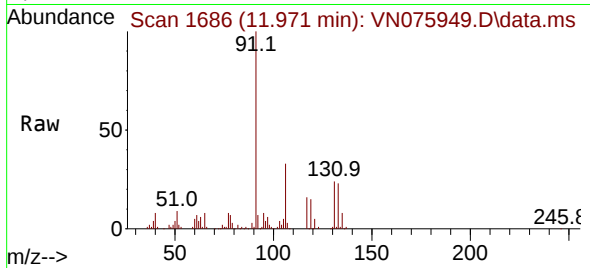
#67
Ethyl Benzene
Concen: 17.913 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 91 Resp: 18536
Ion Ratio Lower Upper
91 100
106 32.7 25.7 38.5

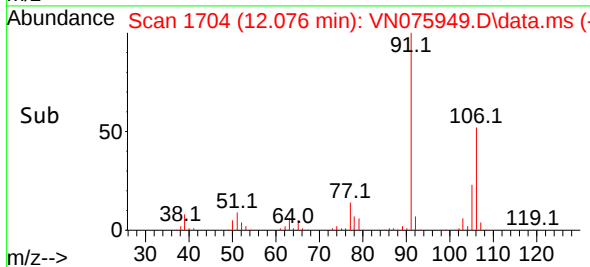
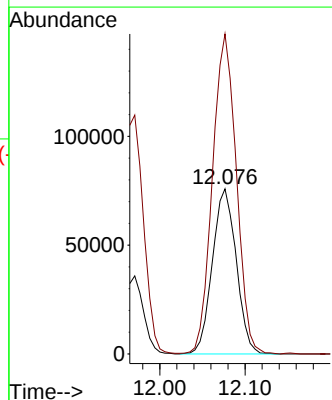
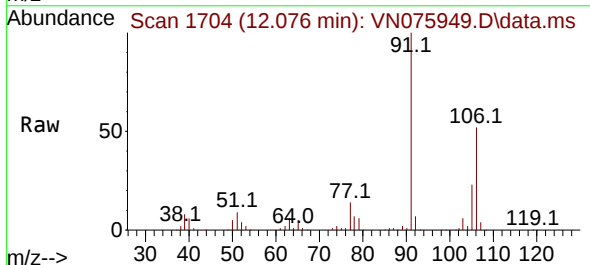
Manual Integrations
APPROVED

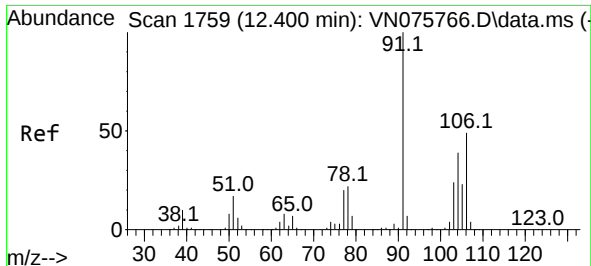
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#68
m/p-Xylenes
Concen: 36.044 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion:106 Resp: 147624
Ion Ratio Lower Upper
106 100
91 194.1 156.6 235.0





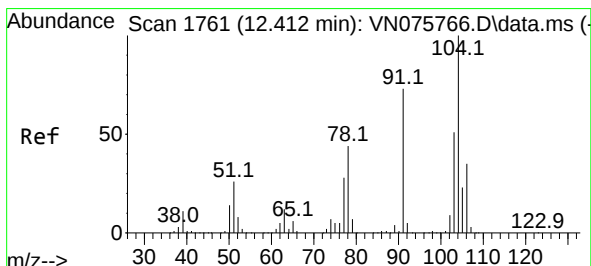
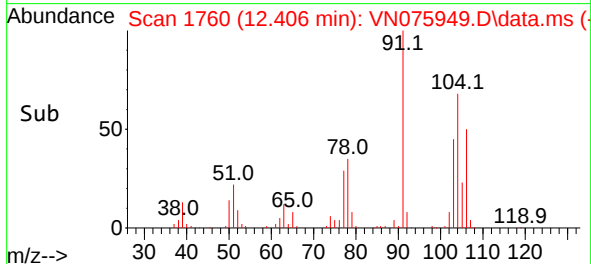
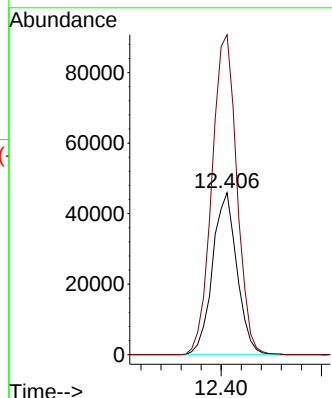
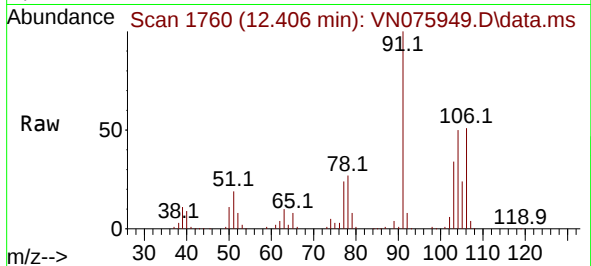
#69
o-Xylene
Concen: 19.121 ug/l
RT: 12.406 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion:106 Resp: 7749
Ion Ratio Lower Upper
106 100
91 202.5 103.8 311.6

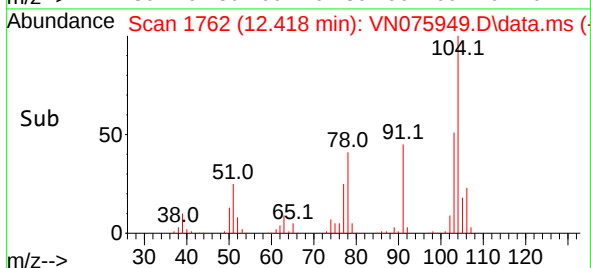
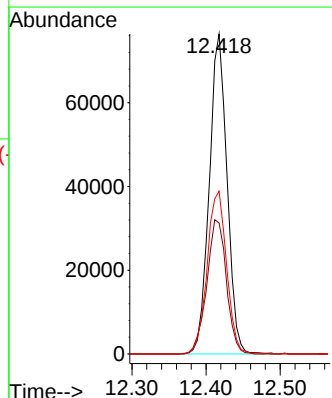
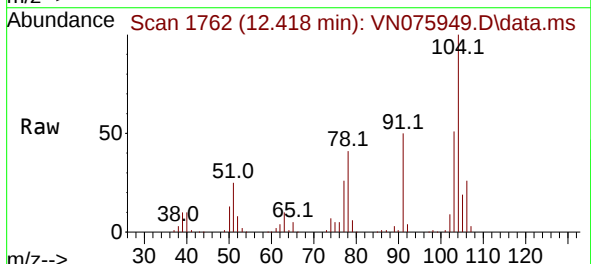
Manual Integrations
APPROVED

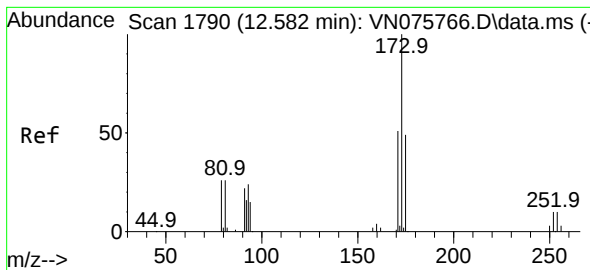
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#70
Styrene
Concen: 19.774 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

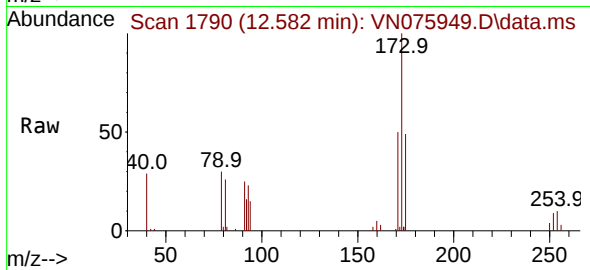
Tgt Ion:104 Resp: 127430
Ion Ratio Lower Upper
104 100
78 46.4 37.5 56.3
103 55.6 43.5 65.3





#71
Bromoform
Concen: 26.835 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

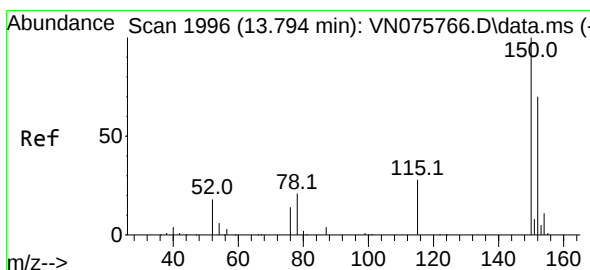
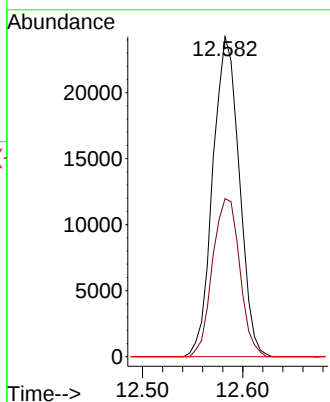
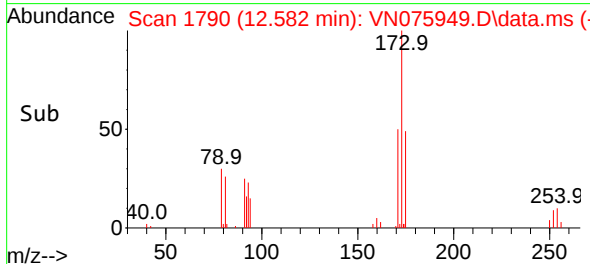
Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01



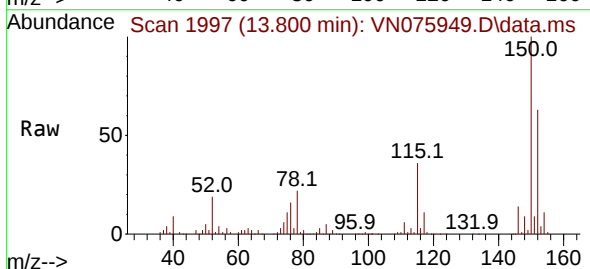
Tgt Ion:173 Resp: 44344
Ion Ratio Lower Upper
173 100
175 50.9 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

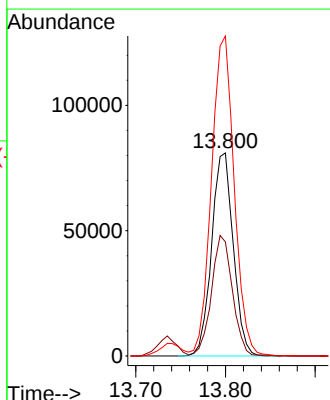
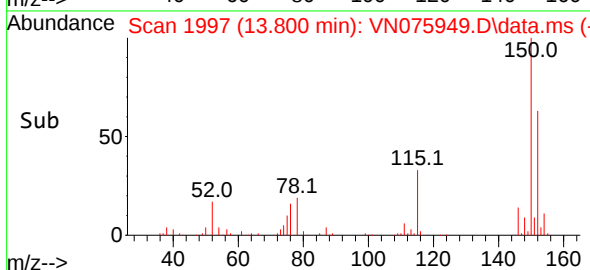
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

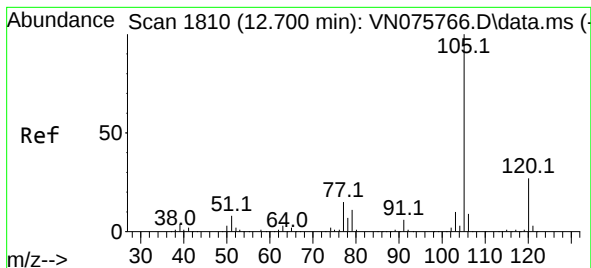


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00



Tgt Ion:152 Resp: 135657
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.4
150 165.5 0.0 347.0





#73

Isopropylbenzene

Concen: 18.191 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBS01

Tgt Ion:105 Resp: 17833

Ion Ratio Lower Upper

105 100

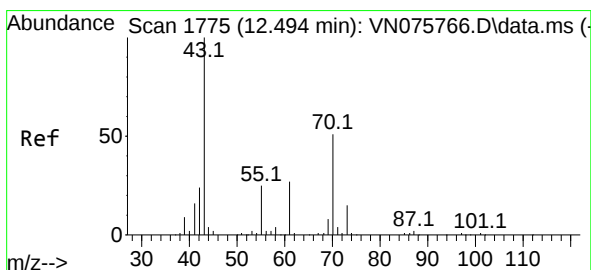
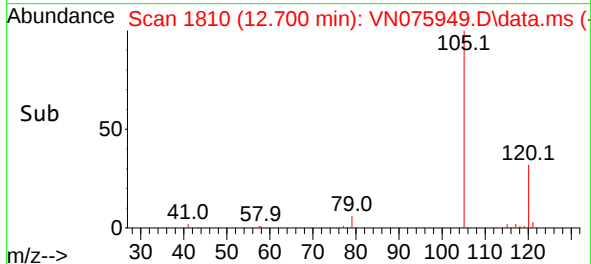
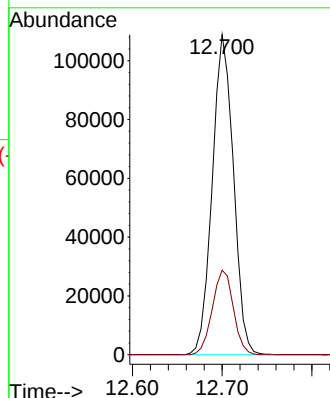
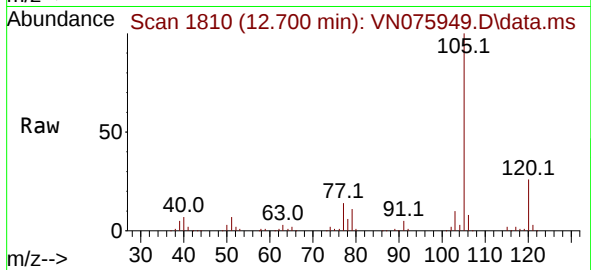
120 26.1 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#74

N-ethyl acetate

Concen: 25.916 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Tgt Ion: 43 Resp: 74533

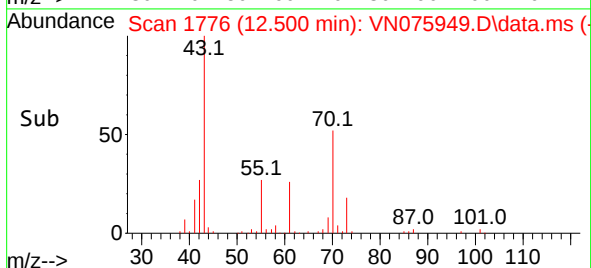
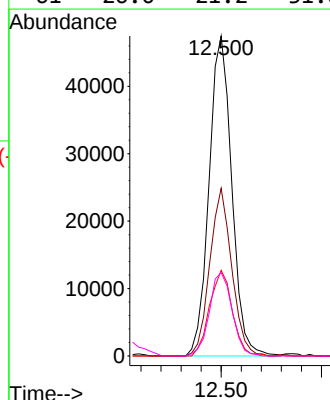
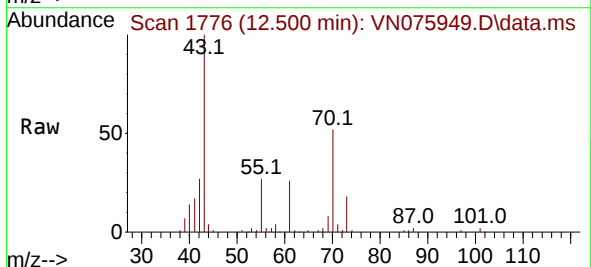
Ion Ratio Lower Upper

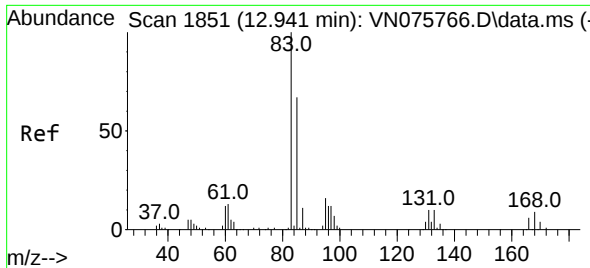
43 100

70 50.7 41.4 62.0

55 26.8 21.3 31.9

61 26.0 21.2 31.8





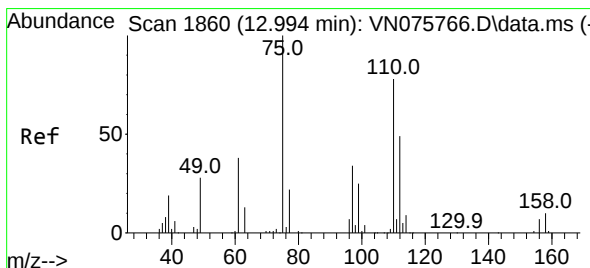
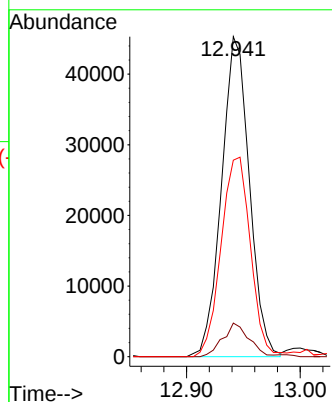
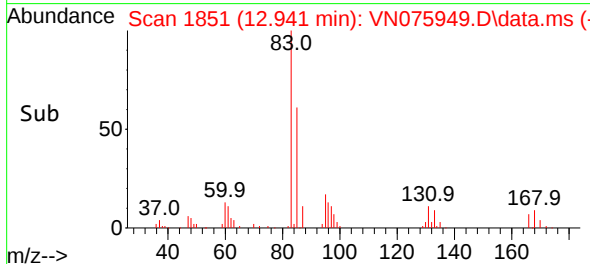
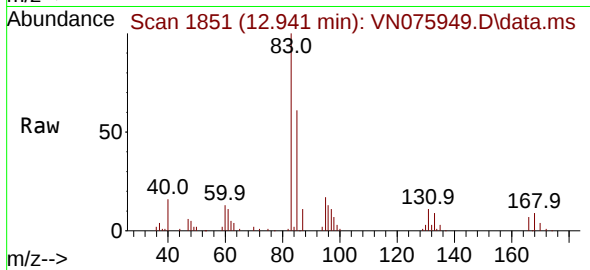
#75
1,1,2,2-Tetrachloroethane
Concen: 25.481 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 83 Resp: 77220
Ion Ratio Lower Upper
83 100
131 9.9 5.6 16.8
85 65.8 32.6 98.0

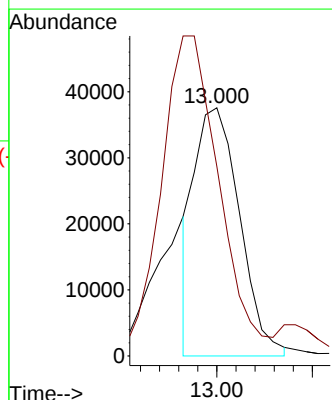
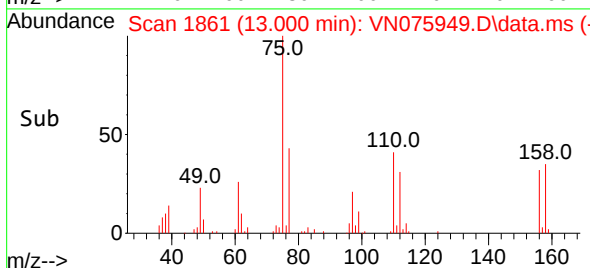
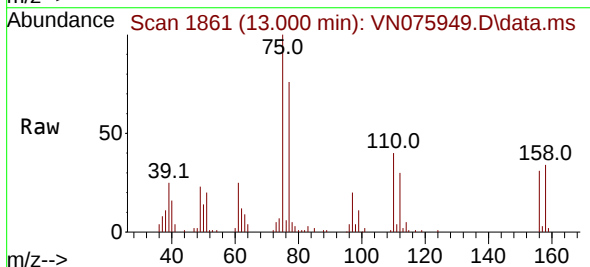
Manual Integrations
APPROVED

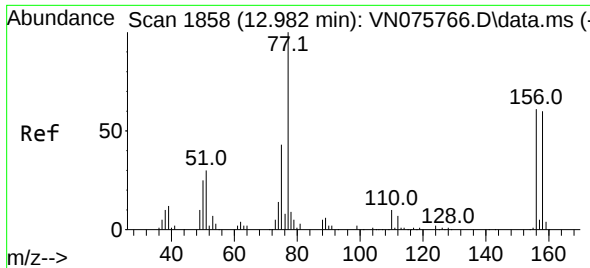
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#76
1,2,3-Trichloropropane
Concen: 22.544 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 75 Resp: 61647
Ion Ratio Lower Upper
75 100
77 165.8 82.6 247.8





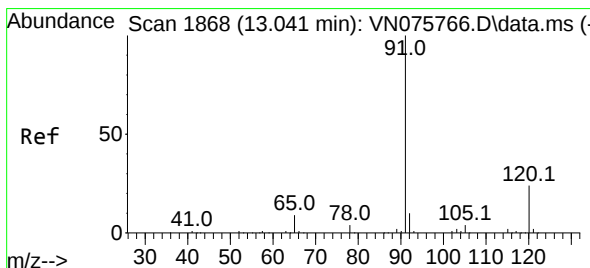
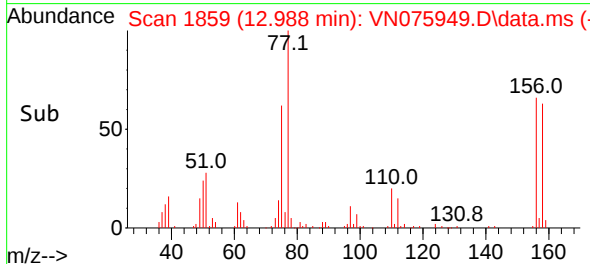
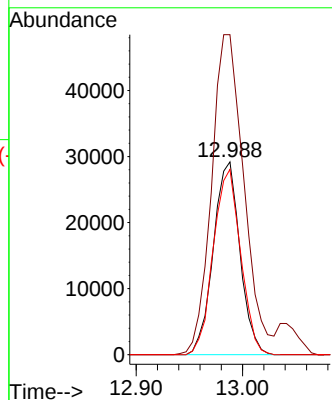
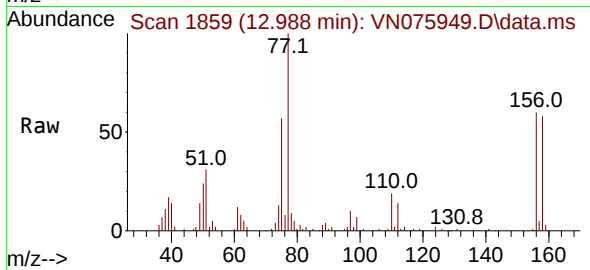
#77
Bromobenzene
Concen: 20.463 ug/l
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion:156 Resp: 5076
Ion Ratio Lower Upper
156 100
77 201.3 93.8 281.3
158 98.5 48.9 146.6

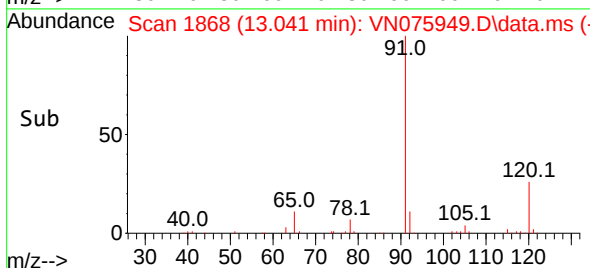
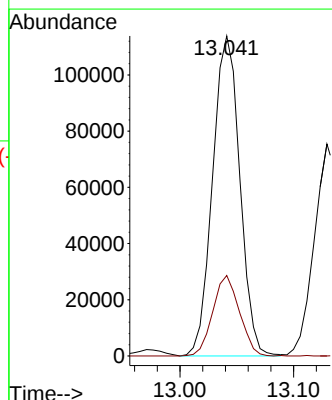
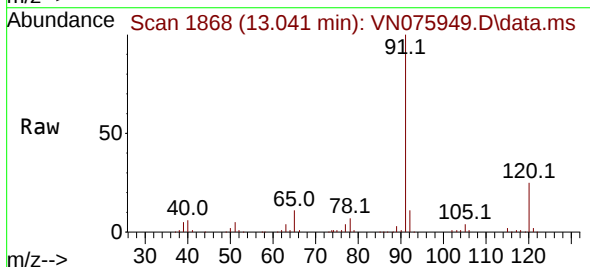
Manual Integrations
APPROVED

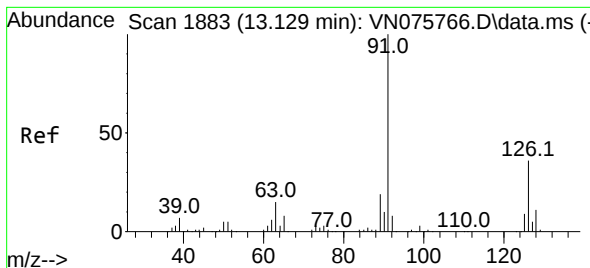
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#78
n-propylbenzene
Concen: 17.558 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 91 Resp: 189848
Ion Ratio Lower Upper
91 100
120 24.5 12.0 36.1





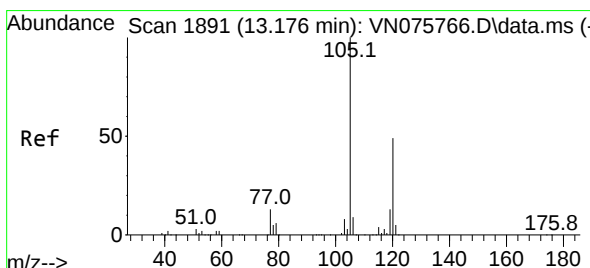
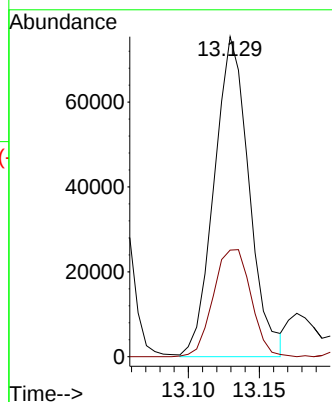
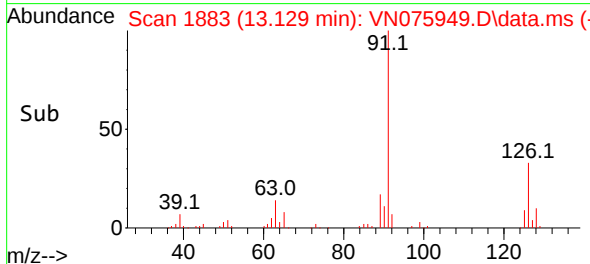
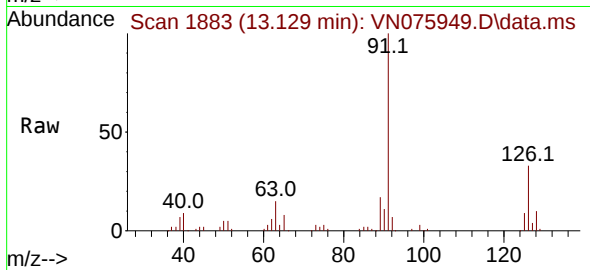
#79
2-Chlorotoluene
Concen: 19.109 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 91 Resp: 12897
Ion Ratio Lower Upper
91 100
126 36.1 17.5 52.5

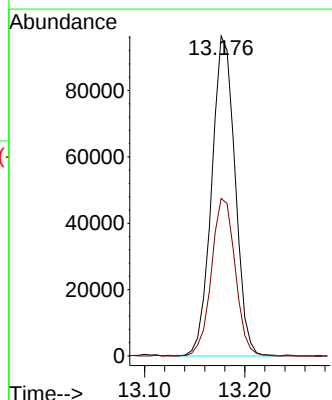
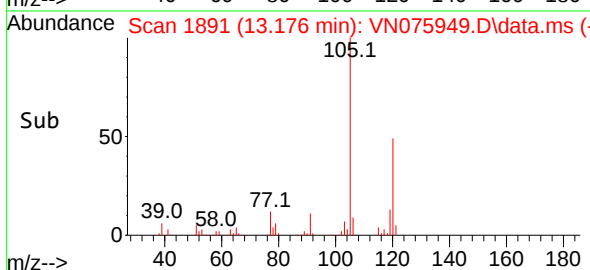
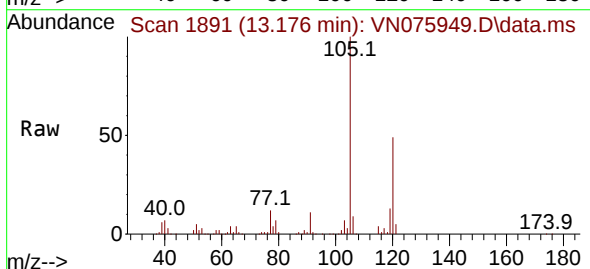
Manual Integrations
APPROVED

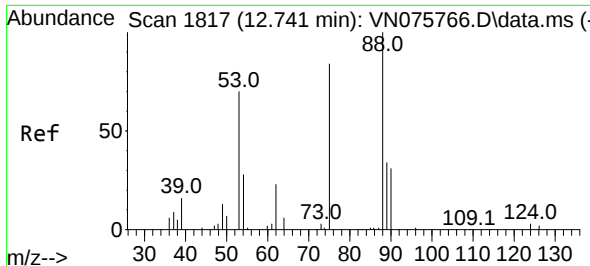
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.057 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion:105 Resp: 156361
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1





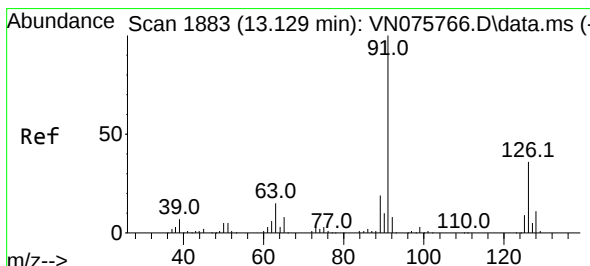
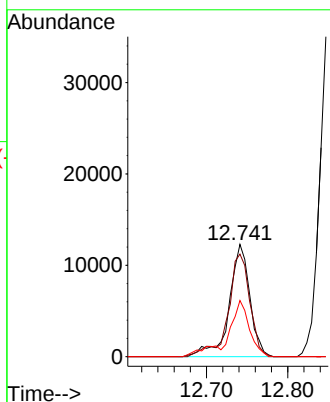
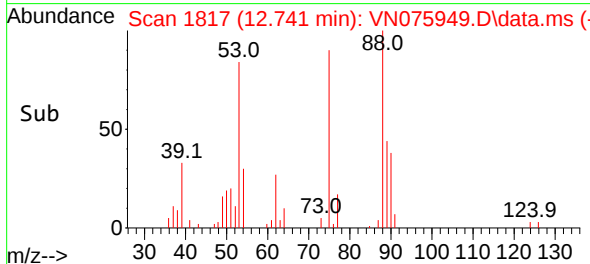
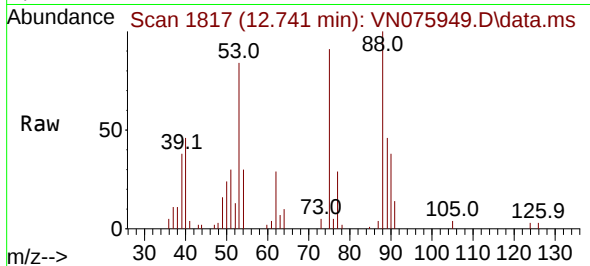
#81
trans-1,4-Dichloro-2-butene
Concen: 28.560 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 75 Resp: 2169
Ion Ratio Lower Upper
75 100
53 95.5 73.8 110.6
89 42.3 39.5 59.3

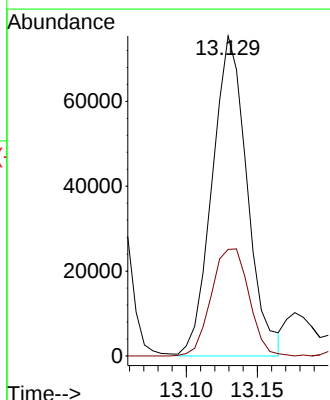
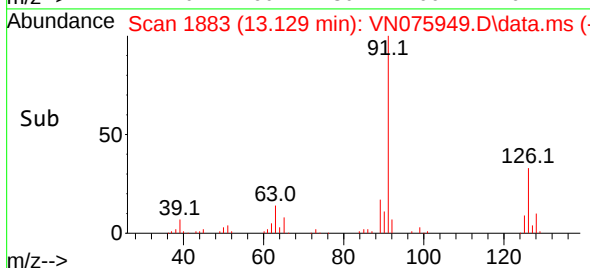
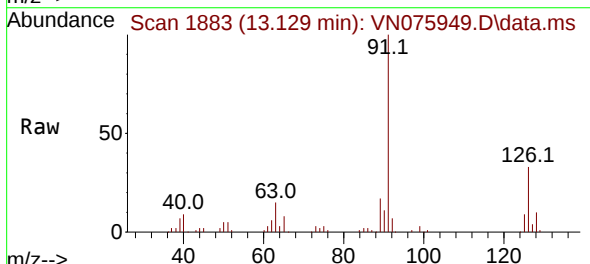
Manual Integrations
APPROVED

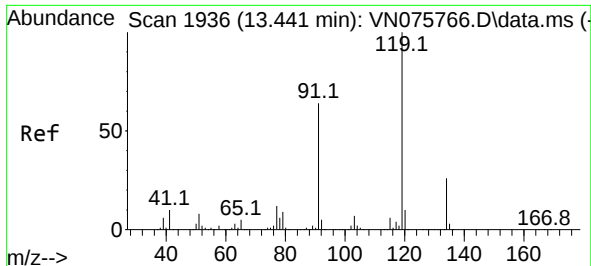
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#82
4-Chlorotoluene
Concen: 19.109 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Tgt Ion: 91 Resp: 128977
Ion Ratio Lower Upper
91 100
126 36.1 17.5 52.5





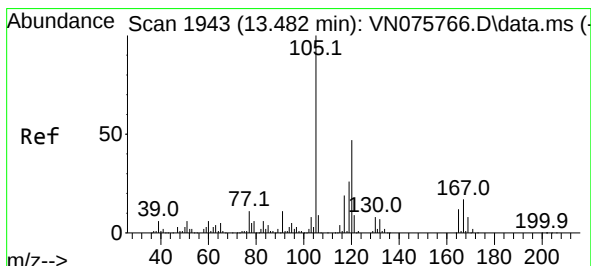
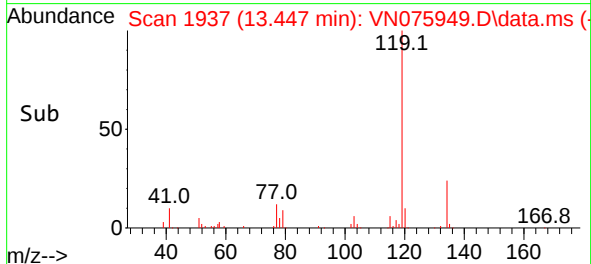
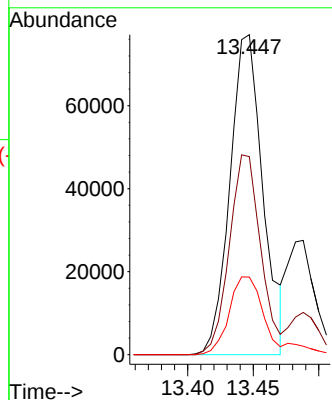
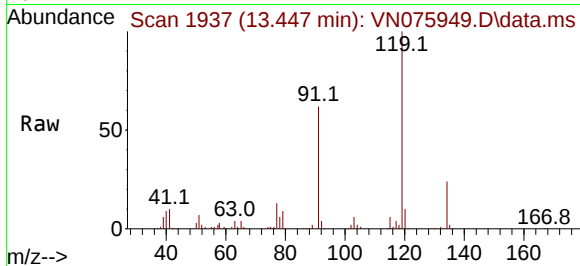
#83
tert-Butylbenzene
Concen: 18.653 ug/l
RT: 13.447 min Scan# 1936
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion:119 Resp: 134938
Ion Ratio Lower Upper
119 100
91 59.6 31.9 95.5
134 27.2 13.8 41.4

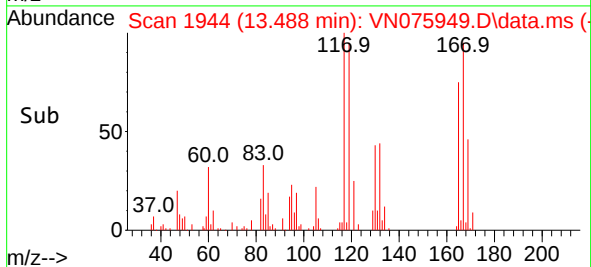
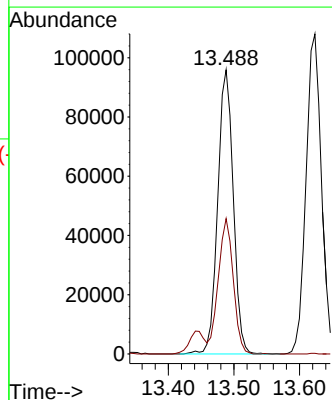
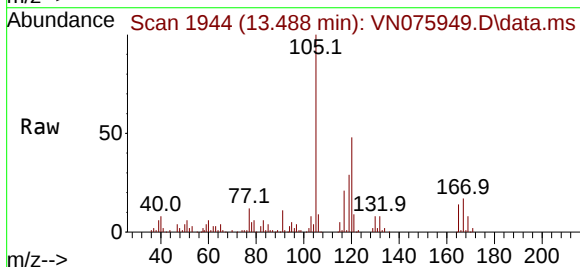
Manual Integrations
APPROVED

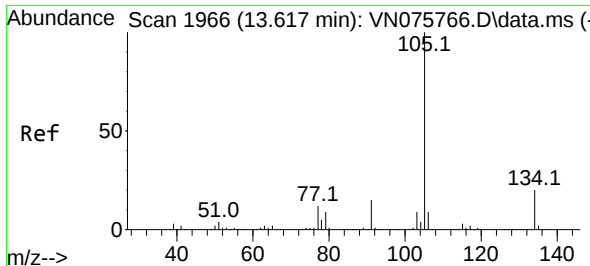
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.353 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

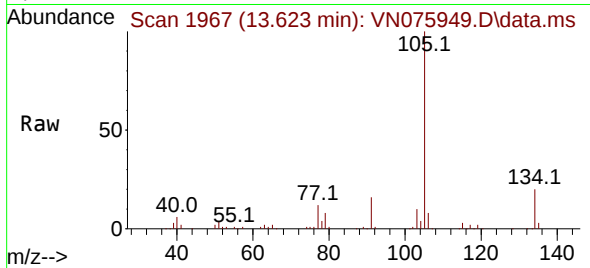
Tgt Ion:105 Resp: 157523
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 17.581 ug/l
 RT: 13.623 min Scan# 1966
 Delta R.T. 0.006 min
 Lab File: VN075949.D
 Acq: 22 Dec 2022 17:00

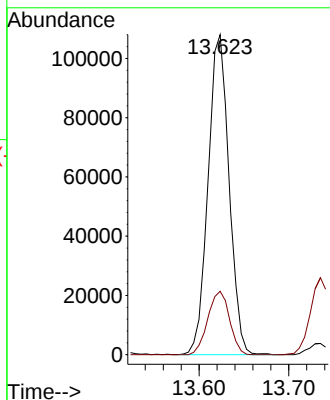
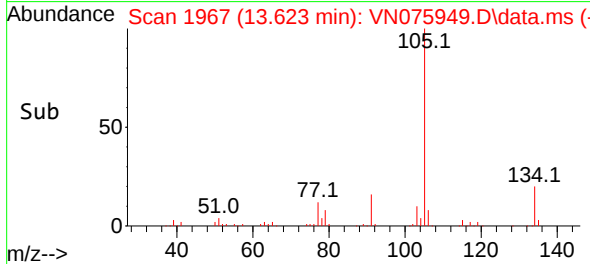
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBS01



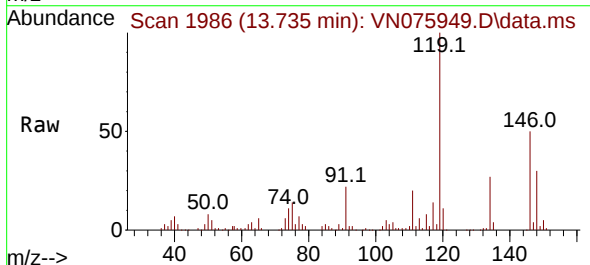
Tgt Ion:105 Resp: 17554
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
 APPROVED

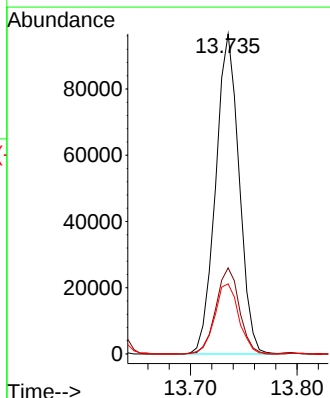
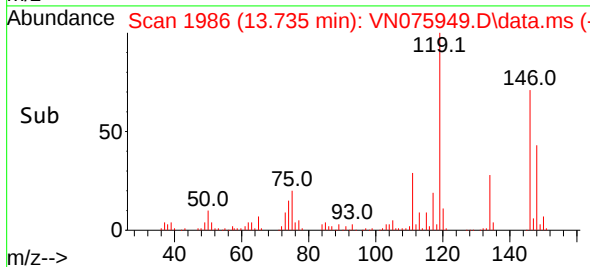
Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022

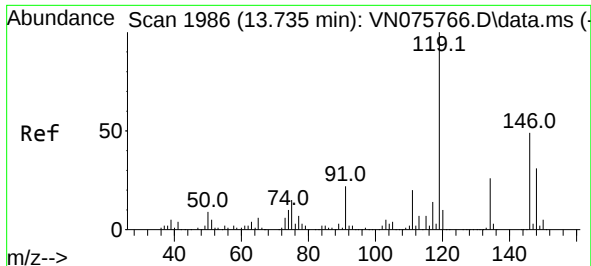


#86
 p-Isopropyltoluene
 Concen: 17.760 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075949.D
 Acq: 22 Dec 2022 17:00



Tgt Ion:119 Resp: 147553
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.0 39.0
 91 22.6 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 18.699 ug/l

RT: 13.741 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBS01

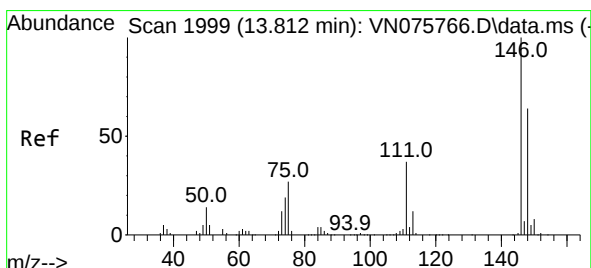
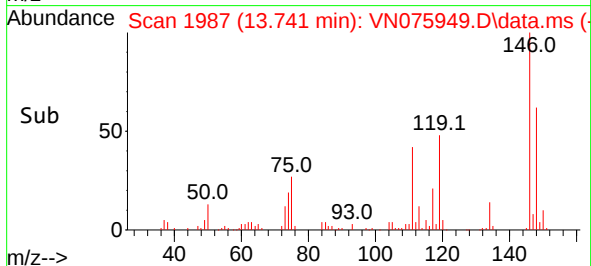
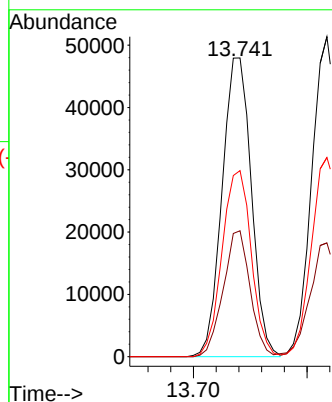
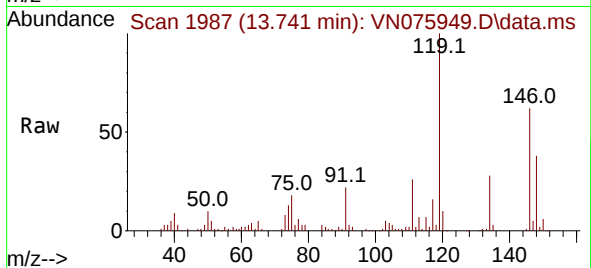
Tgt Ion:146 Resp: 85694
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.7 59.0
 148 62.3 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#88

1,4-Dichlorobenzene

Concen: 18.613 ug/l

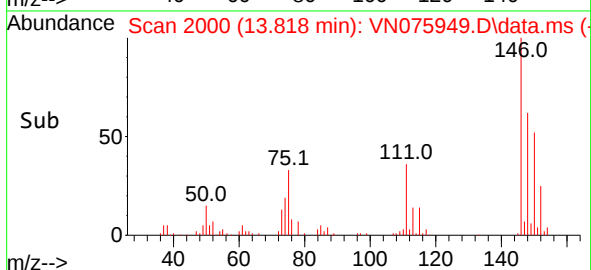
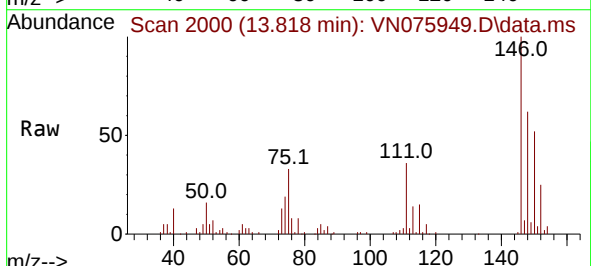
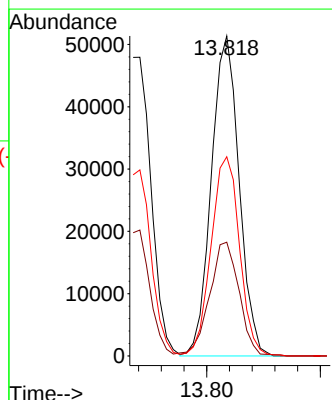
RT: 13.818 min Scan# 2000

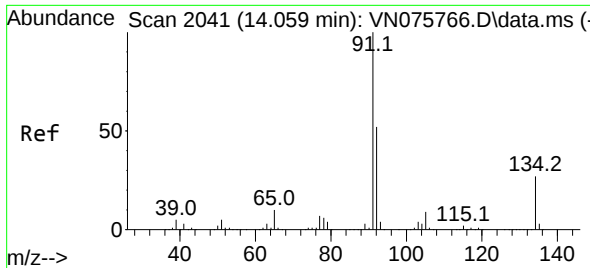
Delta R.T. 0.006 min

Lab File: VN075949.D

Acq: 22 Dec 2022 17:00

Tgt Ion:146 Resp: 87141
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 63.9 32.0 96.2





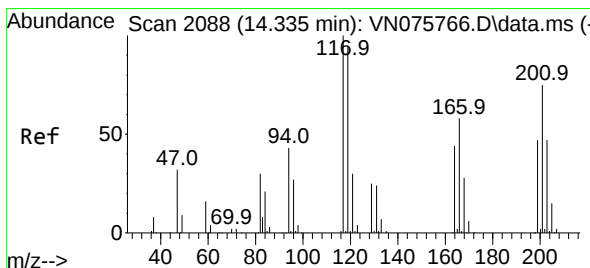
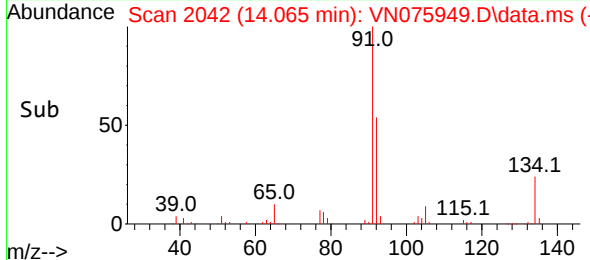
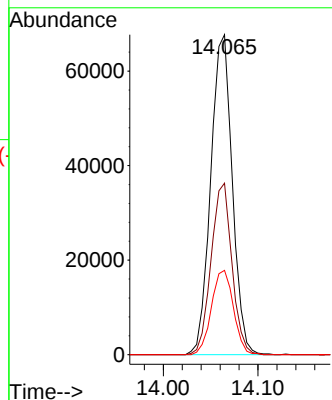
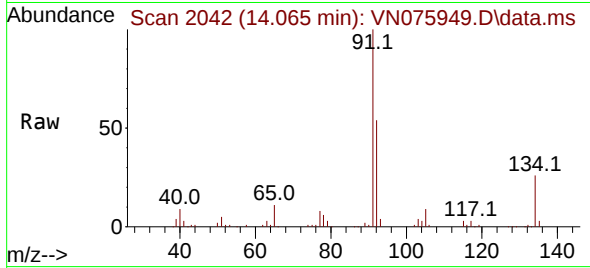
#89
n-Butylbenzene
Concen: 15.908 ug/l
RT: 14.065 min Scan# 2042
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion: 91 Resp: 10707
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.2
134 26.9 13.4 40.2

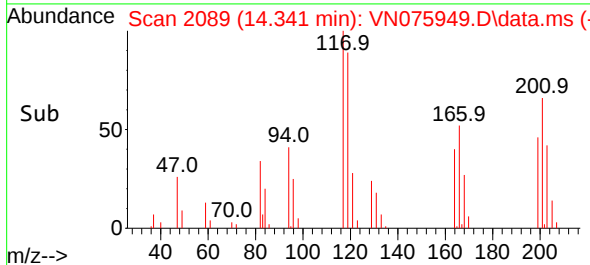
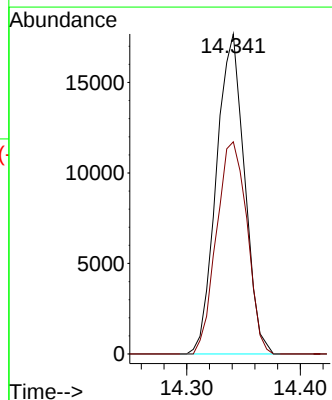
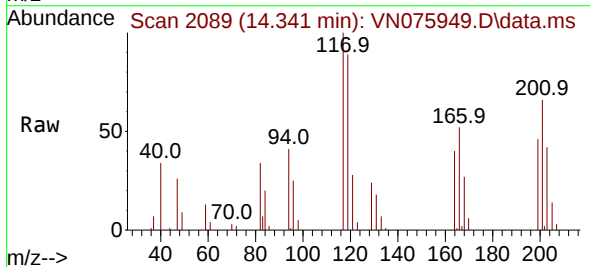
Manual Integrations
APPROVED

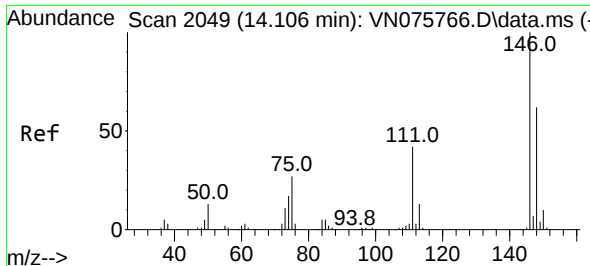
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#90
Hexachloroethane
Concen: 20.452 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

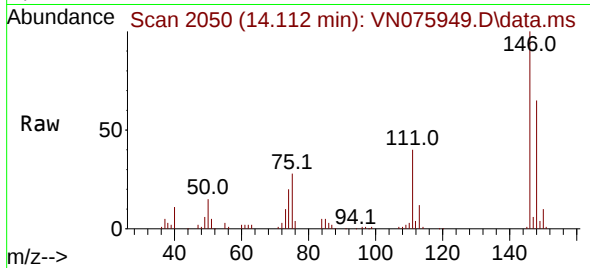
Tgt Ion:117 Resp: 30395
Ion Ratio Lower Upper
117 100
201 72.2 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 20.236 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

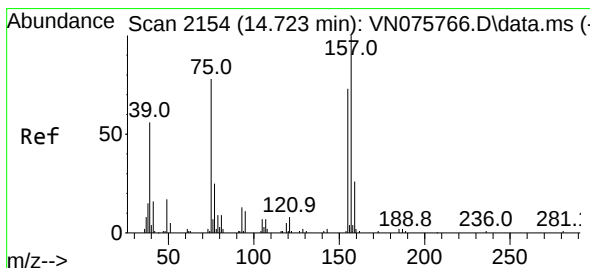
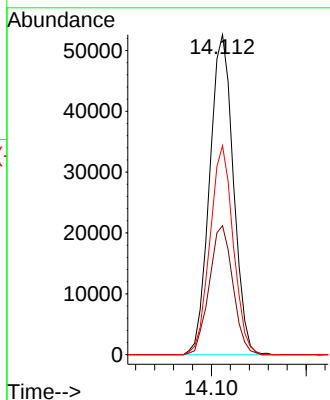
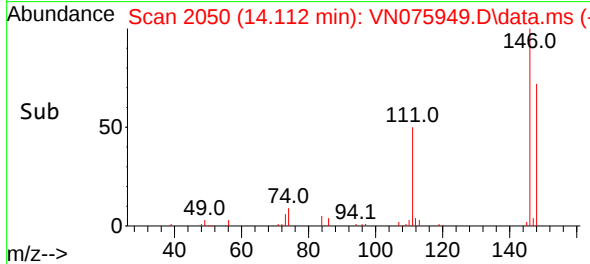
Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01



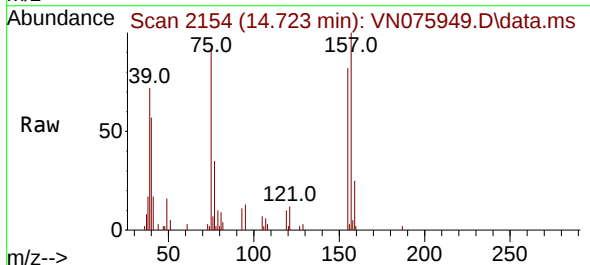
Tgt Ion:146 Resp: 9134
Ion Ratio Lower Upper
146 100
111 40.2 20.3 61.0
148 64.1 31.7 95.1

Manual Integrations
APPROVED

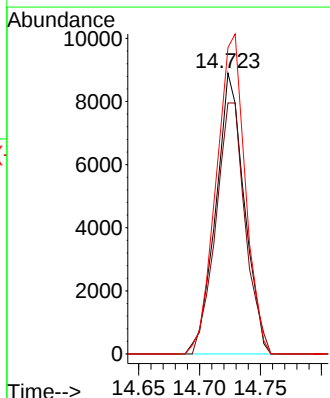
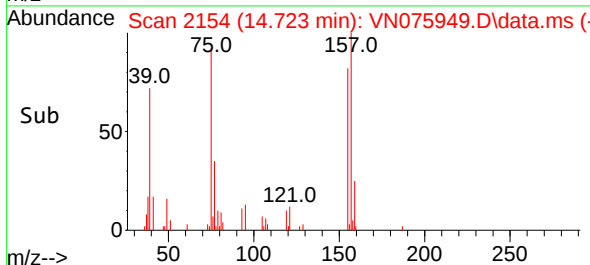
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

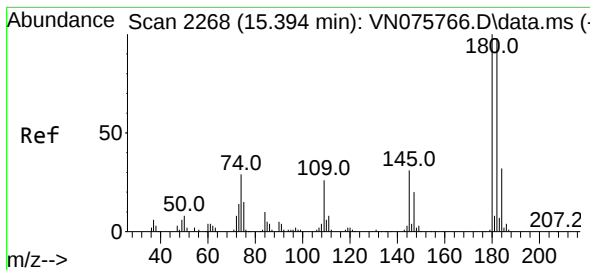


#92
1,2-Dibromo-3-Chloropropane
Concen: 26.929 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00



Tgt Ion: 75 Resp: 14481
Ion Ratio Lower Upper
75 100
155 92.6 49.3 147.8
157 116.1 63.7 191.3





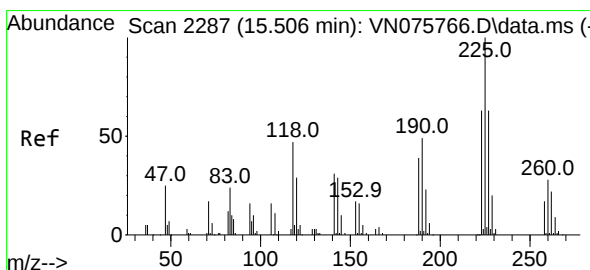
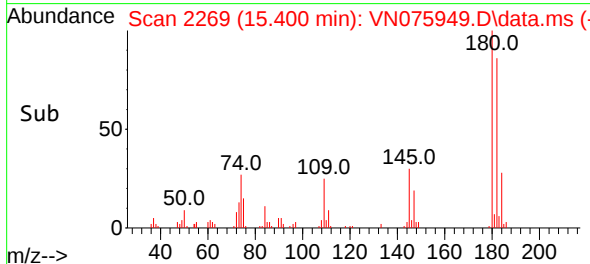
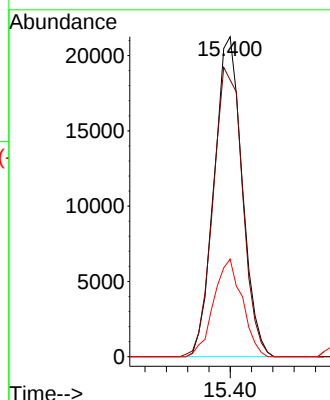
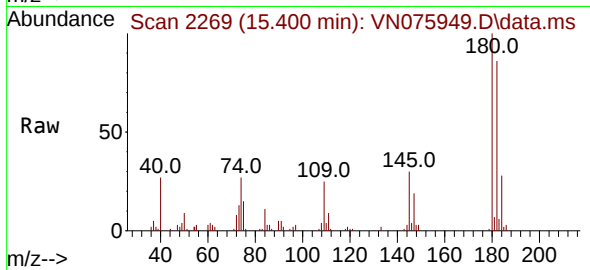
#93
1,2,4-Trichlorobenzene
Concen: 17.356 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01

Tgt Ion:180 Resp: 3878
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 31.1 15.3 45.8

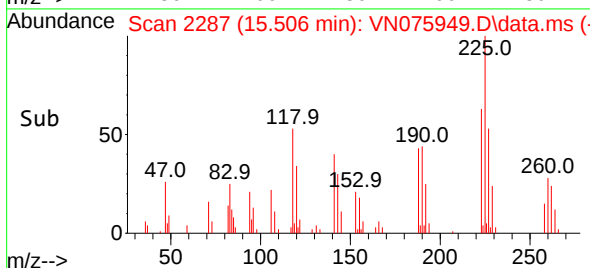
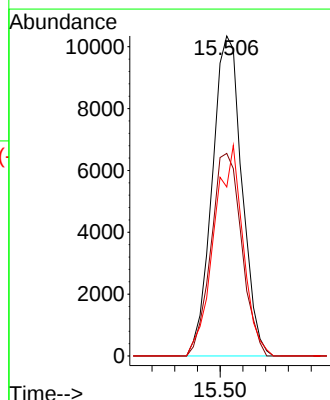
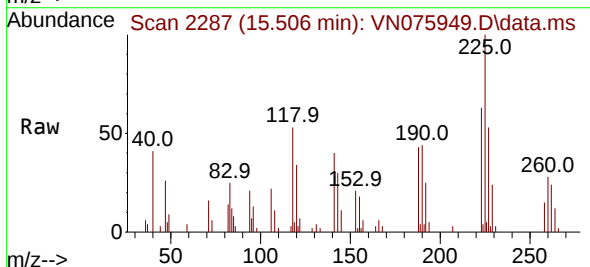
Manual Integrations
APPROVED

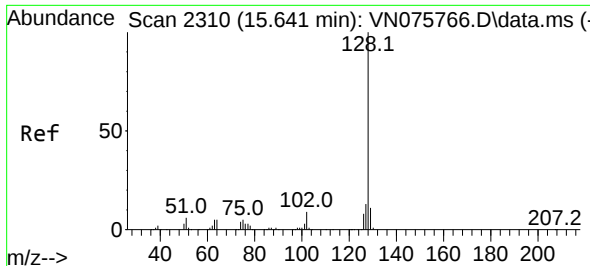
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#94
Hexachlorobutadiene
Concen: 15.437 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

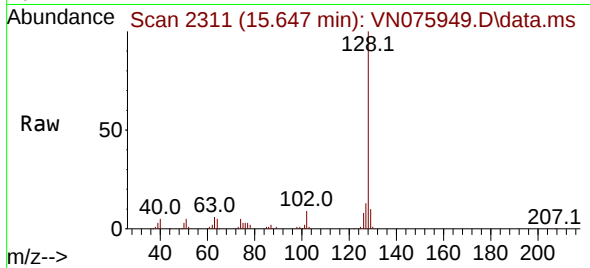
Tgt Ion:225 Resp: 18822
Ion Ratio Lower Upper
225 100
223 65.2 31.5 94.5
227 64.0 31.6 95.0





#95
Naphthalene
Concen: 19.235 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00

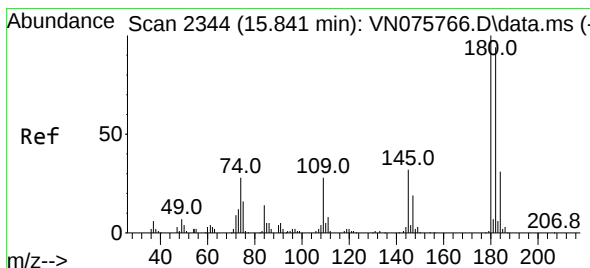
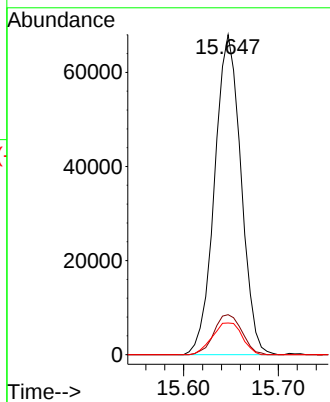
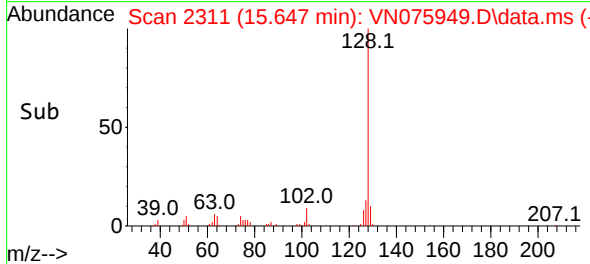
Instrument :
MSVOA_N
ClientSampleId :
VN1222MBS01



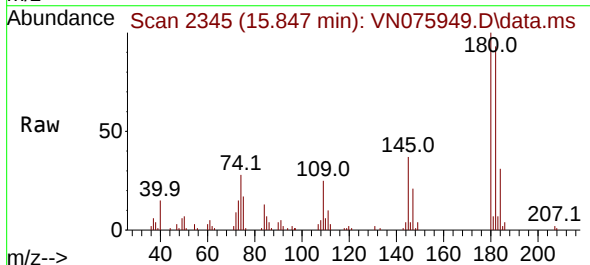
Tgt Ion:128 Resp: 131669
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.910 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075949.D
Acq: 22 Dec 2022 17:00



Tgt Ion:180 Resp: 39498
Ion Ratio Lower Upper
180 100
182 97.4 47.0 141.0
145 33.1 16.0 47.9

