

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075065.D
 Acq On : 28 Oct 2022 17:00
 Operator : JC\MD
 Sample : VN1028WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 31 03:08:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	96081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	181757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	166793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	76951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	68257	52.725	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.460%			
35) Dibromofluoromethane	8.171	113	53263	49.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.840%			
50) Toluene-d8	10.571	98	208387	50.339	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.853	95	74071	50.936	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	28949	23.161	ug/l	99
3) Chloromethane	2.371	50	26285	19.798	ug/l	99
4) Vinyl Chloride	2.524	62	37050	19.562	ug/l	97
5) Bromomethane	2.912	94	24820	14.895	ug/l	100
6) Chloroethane	3.083	64	27057	19.922	ug/l	95
7) Trichlorofluoromethane	3.477	101	41063	21.224	ug/l	99
8) Diethyl Ether	3.971	74	15099	21.396	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	21814	20.416	ug/l	99
10) Methyl Iodide	4.589	142	33127	20.826	ug/l	99
11) Tert butyl alcohol	5.542	59	29271	96.956	ug/l	99
12) 1,1-Dichloroethene	4.336	96	21004	20.623	ug/l #	89
13) Acrolein	4.189	56	23451	94.967	ug/l	98
14) Allyl chloride	5.024	41	30564	20.547	ug/l	96
15) Acrylonitrile	5.730	53	65244	102.305	ug/l	99
16) Acetone	4.447	43	54768	99.913	ug/l	99
17) Carbon Disulfide	4.712	76	47866	18.689	ug/l	98
18) Methyl Acetate	5.036	43	39007	21.785	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	78207	20.660	ug/l	97
20) Methylene Chloride	5.277	84	25343	20.736	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	22061	19.783	ug/l	93
22) Diisopropyl ether	6.683	45	66671	20.310	ug/l	96
23) Vinyl Acetate	6.612	43	267556m	97.606	ug/l	
24) 1,1-Dichloroethane	6.583	63	41219	19.854	ug/l	98
25) 2-Butanone	7.488	43	84980	98.562	ug/l	97
26) 2,2-Dichloropropane	7.494	77	36386	19.051	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	26837	20.152	ug/l	98
28) Bromochloromethane	7.812	49	18785	21.464	ug/l	97
29) Tetrahydrofuran	7.847	42	54521	97.858	ug/l	98
30) Chloroform	7.971	83	44558	19.767	ug/l	99
31) Cyclohexane	8.259	56	37172	19.306	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	40480	19.775	ug/l	98
36) 1,1-Dichloropropene	8.371	75	32216	19.502	ug/l	98
37) Ethyl Acetate	7.571	43	34703	19.156	ug/l	99
38) Carbon Tetrachloride	8.365	117	34041	18.734	ug/l	93
39) Methylcyclohexane	9.606	83	40547	18.593	ug/l	95
40) Benzene	8.612	78	99046	19.582	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	18846	21.713	ug/l	93
42) 1,2-Dichloroethane	8.677	62	36911	20.059	ug/l	100
43) Isopropyl Acetate	8.694	43	53810	19.149	ug/l	99
44) Trichloroethene	9.353	130	24420	19.244	ug/l	92
45) 1,2-Dichloropropane	9.624	63	24548	20.394	ug/l	100
46) Dibromomethane	9.712	93	18230	19.440	ug/l	98
47) Bromodichloromethane	9.894	83	34938	19.239	ug/l	91
48) Methyl methacrylate	9.682	41	24497	19.004	ug/l	98
49) 1,4-Dioxane	9.694	88	13154	389.697	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	174950	96.479	ug/l	100
52) Toluene	10.635	92	65920	19.497	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	36418	18.999	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	38251	18.814	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	25918	19.333	ug/l	98
56) Ethyl methacrylate	10.876	69	40348	19.731	ug/l	98
57) 1,3-Dichloropropane	11.165	76	45628	20.437	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	88232	111.605	ug/l	97
59) 2-Hexanone	11.200	43	132679	96.405	ug/l	100
60) Dibromochloromethane	11.359	129	26060	18.425	ug/l	99
61) 1,2-Dibromoethane	11.471	107	26121	19.013	ug/l	96
64) Tetrachloroethene	11.106	164	21089	20.623	ug/l	93
65) Chlorobenzene	11.894	112	70444	19.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	25078	18.988	ug/l	98
67) Ethyl Benzene	11.965	91	124692	19.467	ug/l	97
68) m/p-Xylenes	12.070	106	98594	38.361	ug/l	96
69) o-Xylene	12.400	106	48850	19.219	ug/l	100
70) Styrene	12.412	104	79509	19.618	ug/l	99
71) Bromoform	12.576	173	17256	17.451	ug/l #	100
73) Isopropylbenzene	12.700	105	125231	20.271	ug/l	100
74) N-amyl acetate	12.500	43	47131	20.628	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	41464	21.056	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	31420m	19.230	ug/l	
77) Bromobenzene	12.982	156	27537	20.244	ug/l	97
78) n-propylbenzene	13.035	91	144888	20.889	ug/l	99
79) 2-Chlorotoluene	13.123	91	87472	20.638	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	108319	20.876	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	11655	18.311	ug/l	98
82) 4-Chlorotoluene	13.123	91	87472	20.638	ug/l	100
83) tert-Butylbenzene	13.441	119	95340	20.679	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	109249	20.810	ug/l	100
85) sec-Butylbenzene	13.617	105	134709	20.886	ug/l	98
86) p-Isopropyltoluene	13.735	119	108629	20.393	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	52945	19.879	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	52443	19.896	ug/l	99
89) n-Butylbenzene	14.059	91	87590	20.420	ug/l	99
90) Hexachloroethane	14.335	117	18685	19.132	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	50944	19.240	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8160	19.582	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	22226	19.507	ug/l	95
94) Hexachlorobutadiene	15.506	225	10610	19.102	ug/l	98
95) Naphthalene	15.641	128	88390	20.173	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	23315	20.595	ug/l	98

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QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

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

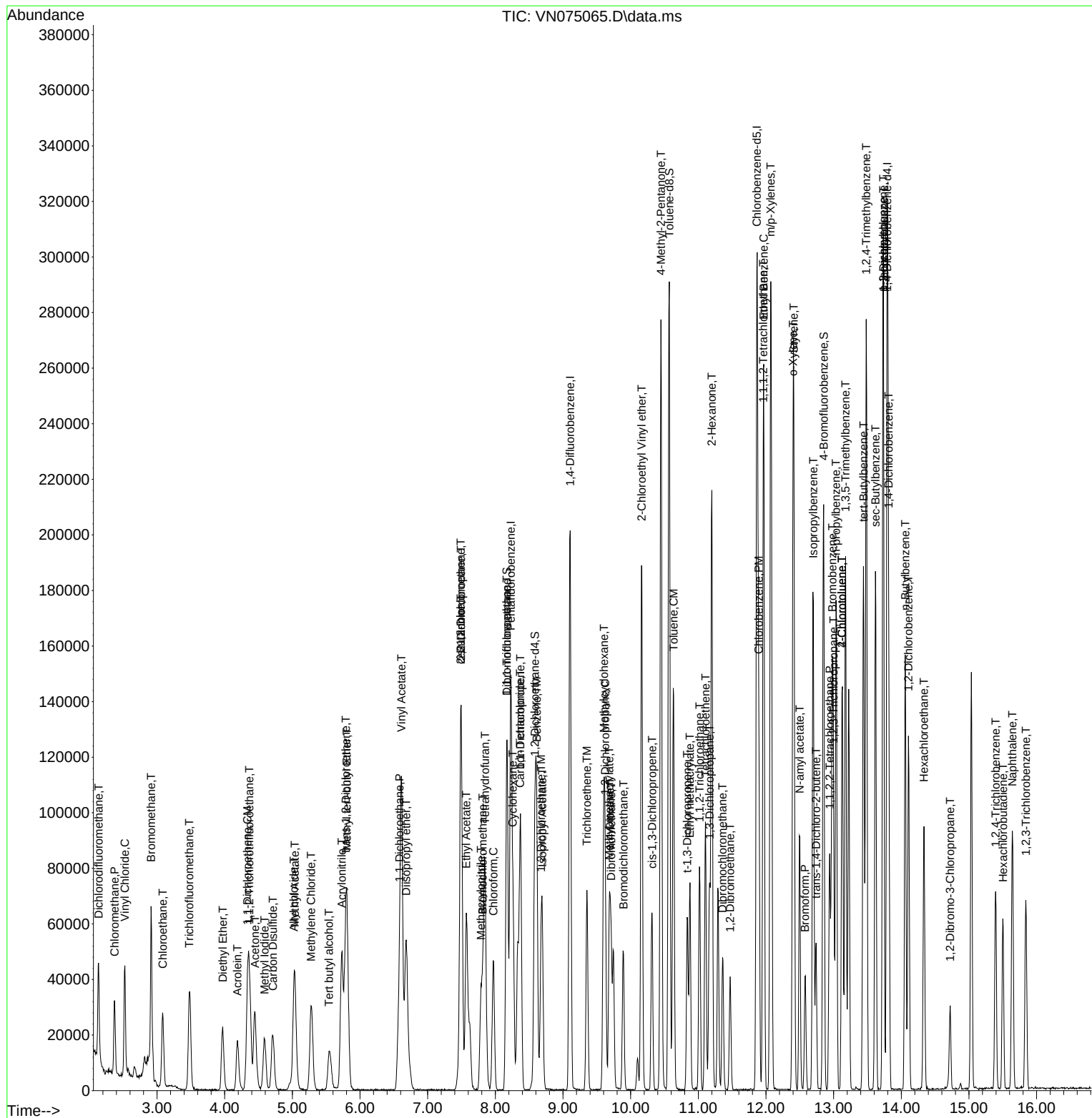
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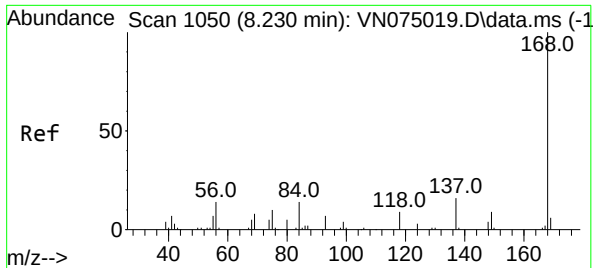
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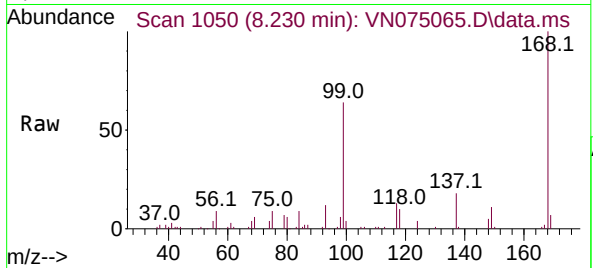
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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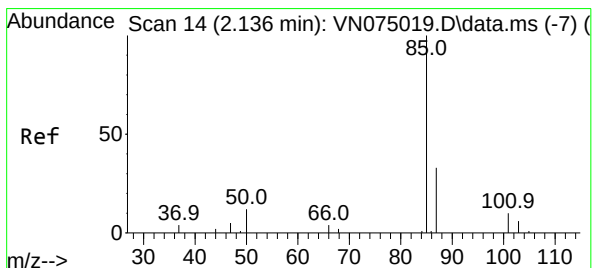
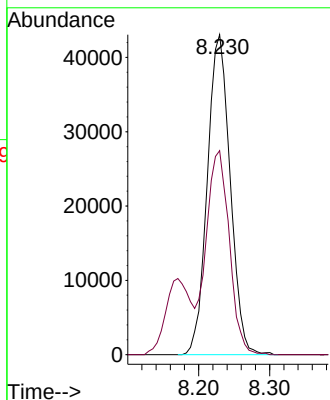
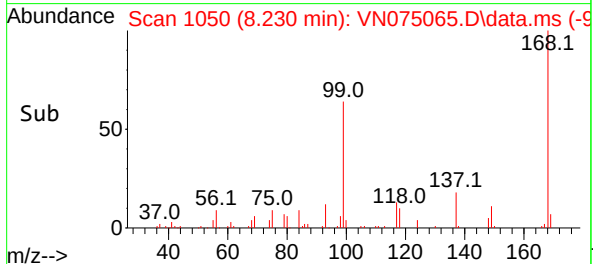
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 9608
Ion Ratio Lower Upper
168 100
99 63.8 51.6 77.4

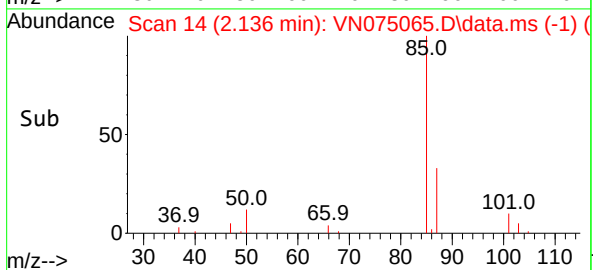
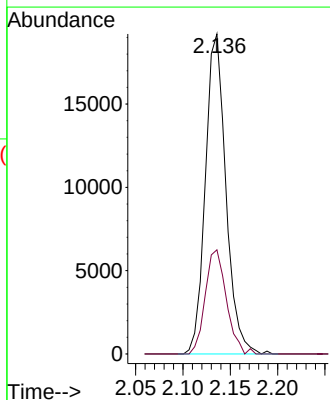
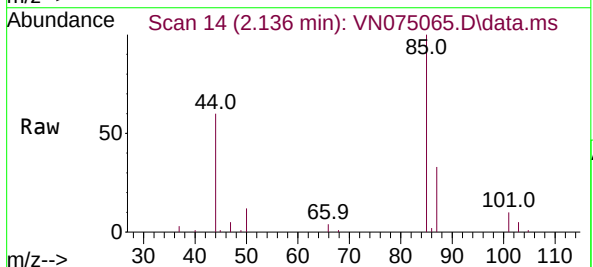
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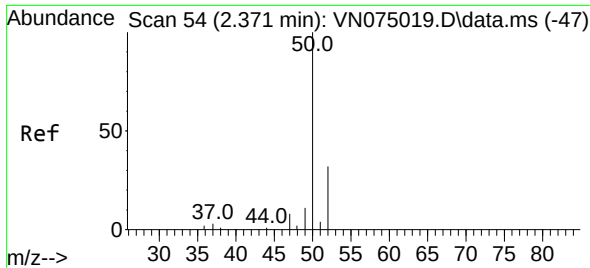
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 23.161 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Tgt Ion: 85 Resp: 28949
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.0





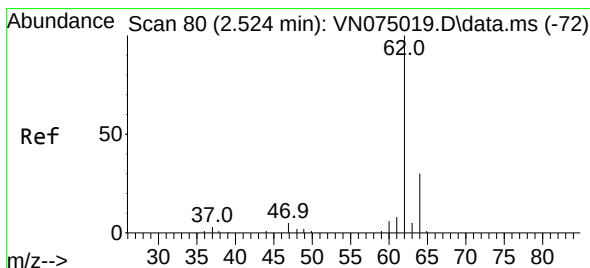
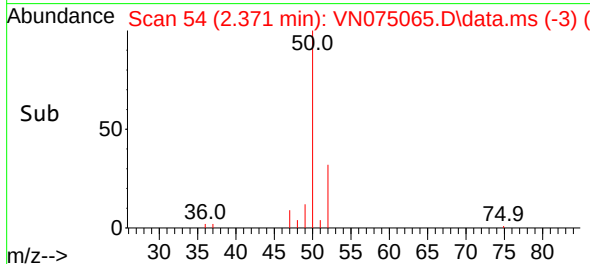
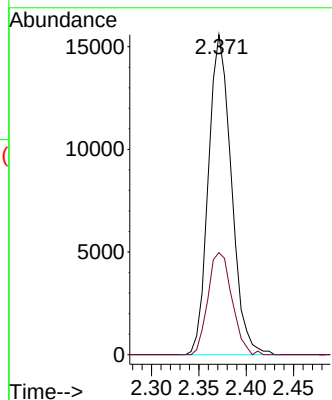
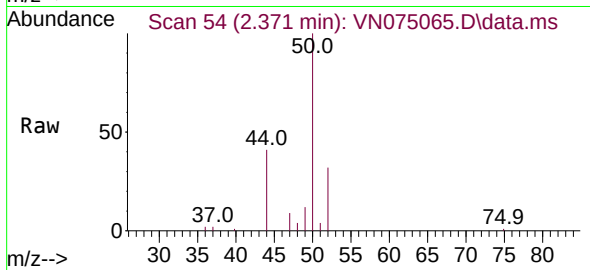
#3
Chloromethane
Concen: 19.798 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
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Tgt Ion: 50 Resp: 2628
Ion Ratio Lower Upper
50 100
52 31.9 25.8 38.6

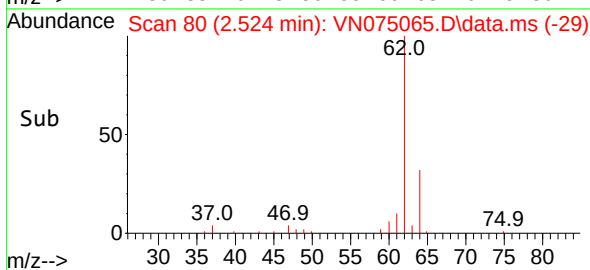
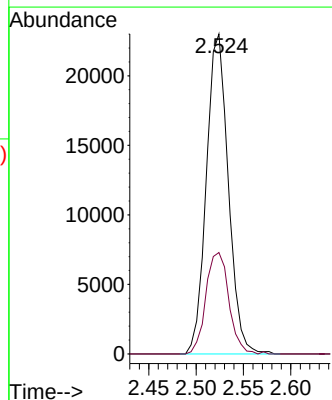
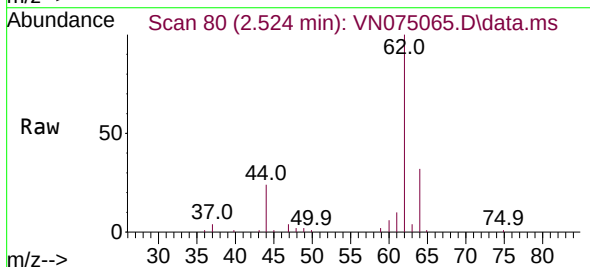
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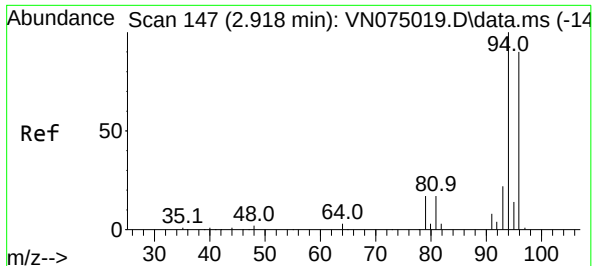
Reviewed By :John Carlone 10/31/2022
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#4
Vinyl Chloride
Concen: 19.562 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

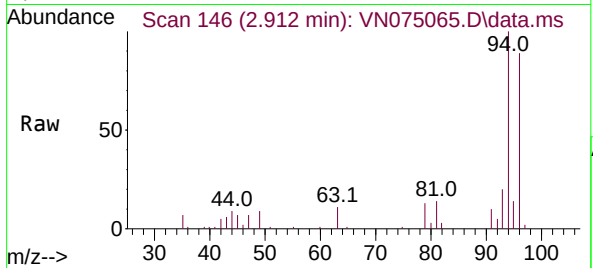
Tgt Ion: 62 Resp: 37050
Ion Ratio Lower Upper
62 100
64 31.7 24.0 36.0





#5
Bromomethane
Concen: 14.895 ug/l
RT: 2.912 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

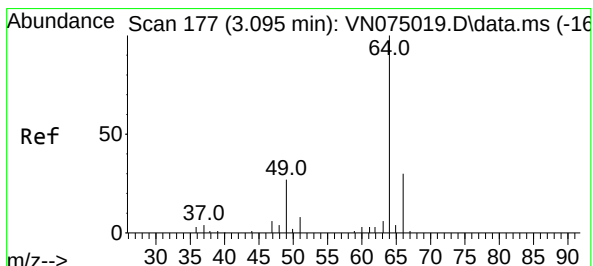
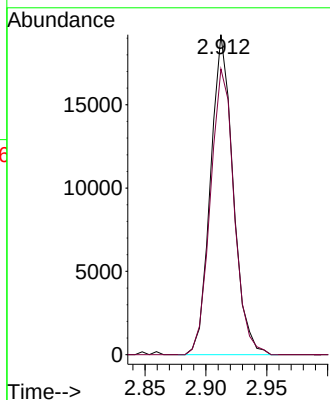
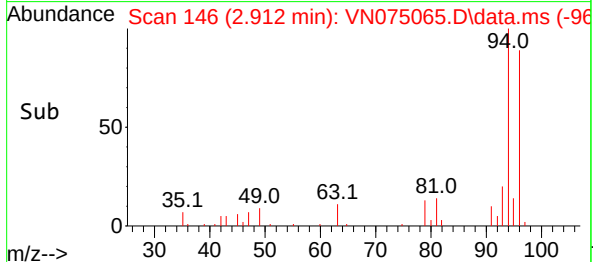
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Tgt Ion: 94 Resp: 24820
Ion Ratio Lower Upper
94 100
96 89.3 71.8 107.6

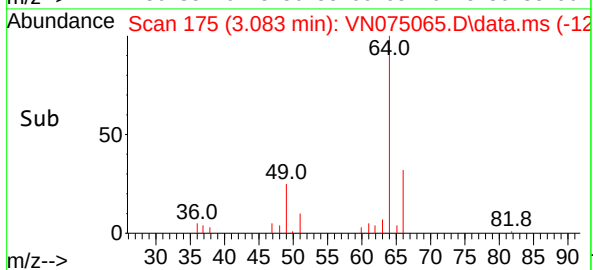
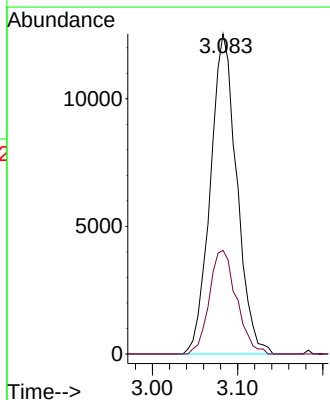
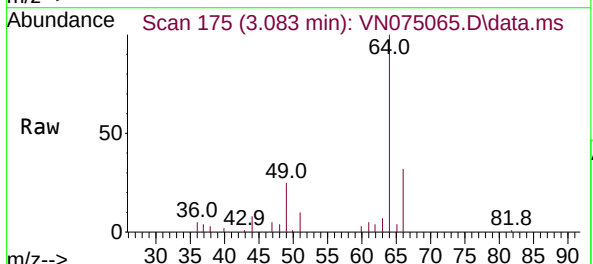
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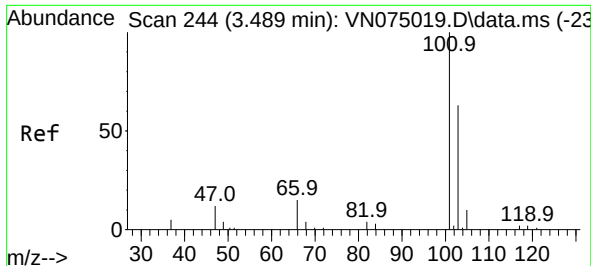
Reviewed By :John Carlone 10/31/2022
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#6
Chloroethane
Concen: 19.922 ug/l
RT: 3.083 min Scan# 175
Delta R.T. -0.012 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Tgt Ion: 64 Resp: 27057
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.8





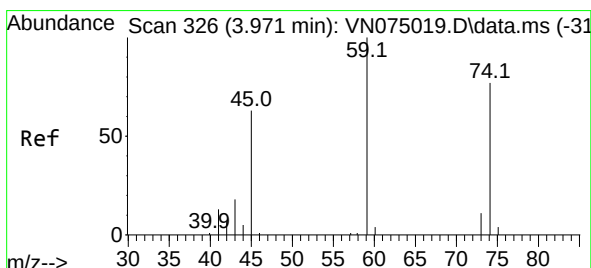
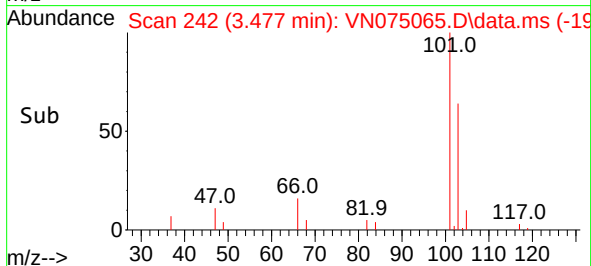
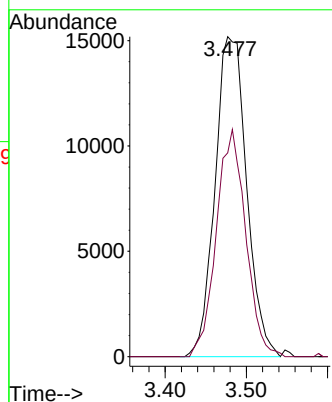
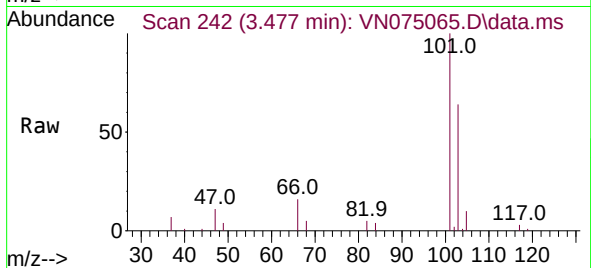
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Trichlorofluoromethane
Concen: 21.224 ug/l
RT: 3.477 min Scan# 244
Delta R.T. -0.012 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
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ClientSampleId :
VN1028WBS02

Tgt Ion:101 Resp: 4106
Ion Ratio Lower Upper
101 100
103 63.7 50.5 75.7

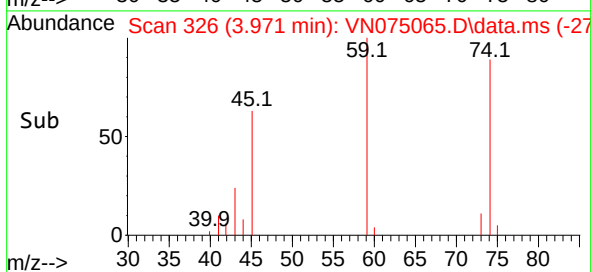
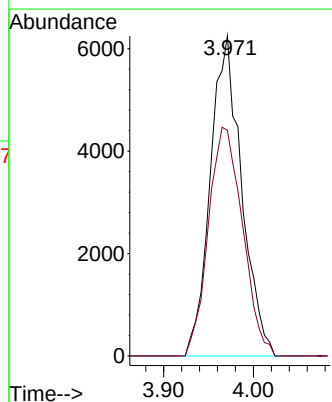
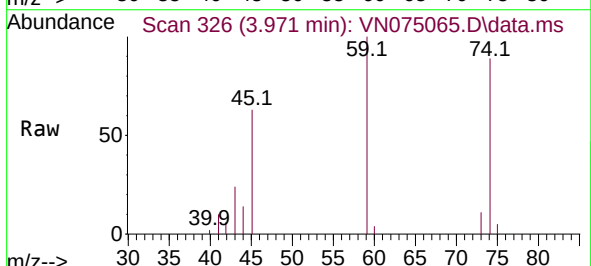
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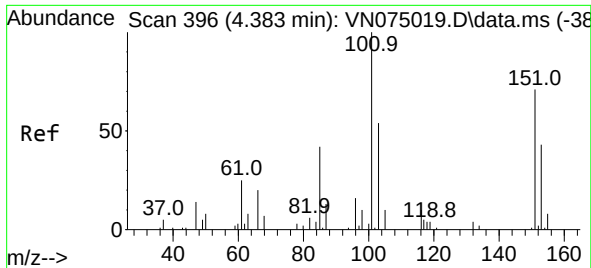
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#8
Diethyl Ether
Concen: 21.396 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Tgt Ion: 74 Resp: 15099
Ion Ratio Lower Upper
74 100
45 78.1 39.3 117.9





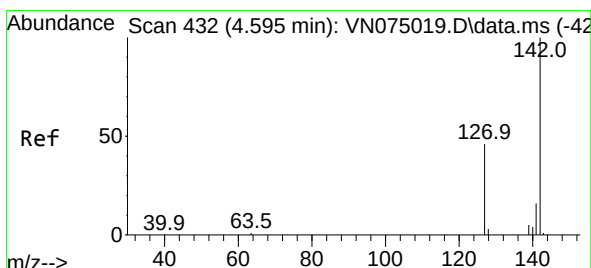
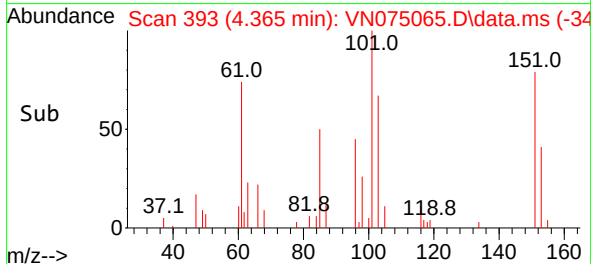
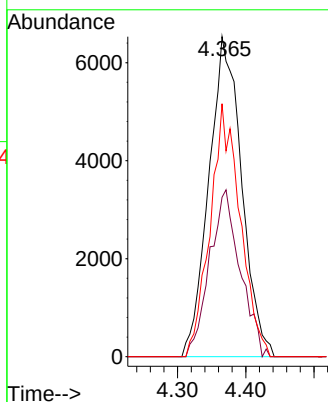
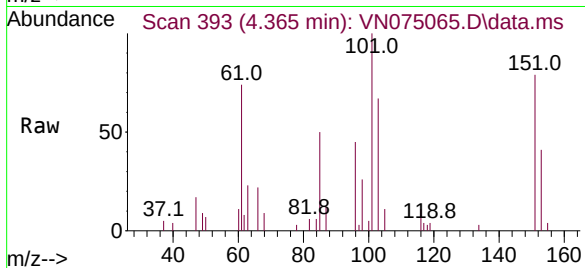
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.416 ug/l
RT: 4.365 min Scan# 396
Delta R.T. -0.018 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:101 Resp: 21814
Ion Ratio Lower Upper
101 100
85 48.7 37.6 56.4
151 72.3 58.3 87.5

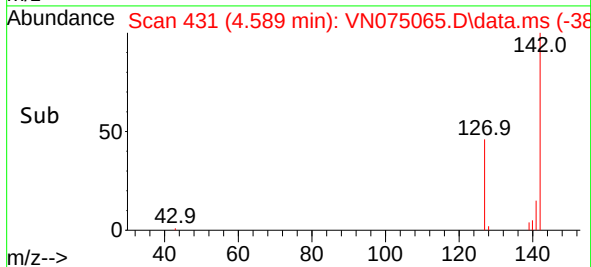
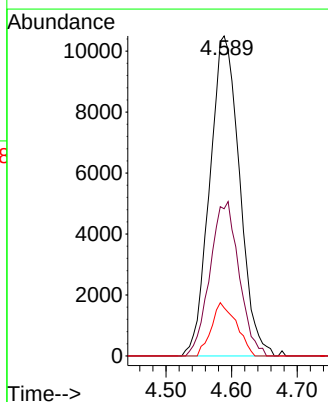
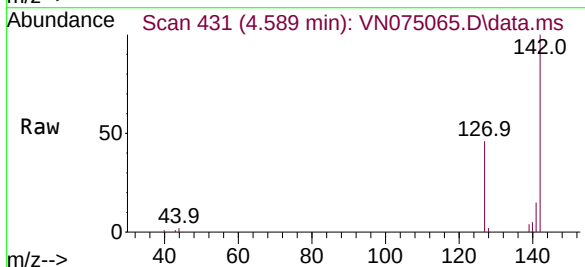
Manual Integrations
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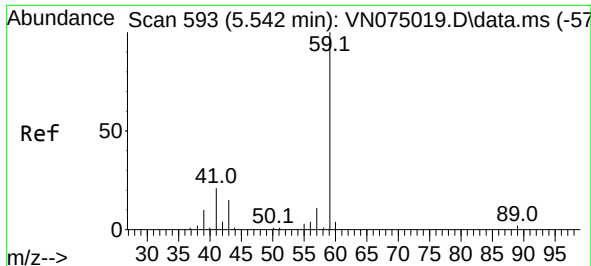
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 20.826 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

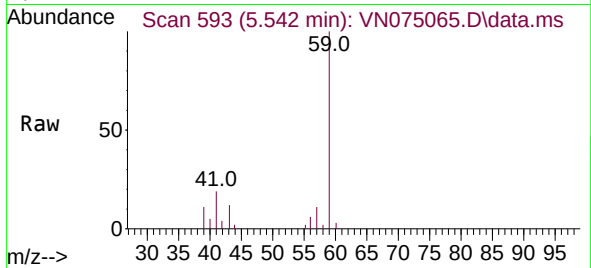
Tgt Ion:142 Resp: 33127
Ion Ratio Lower Upper
142 100
127 46.9 38.0 57.0
141 14.0 12.2 18.4





#11
Tert butyl alcohol
Concen: 96.956 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

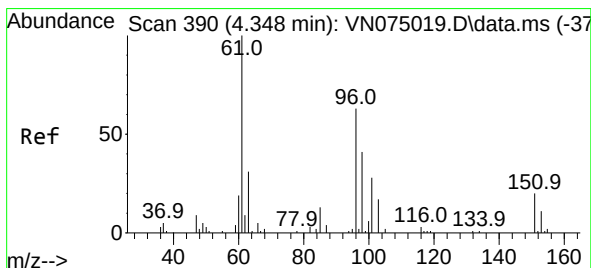
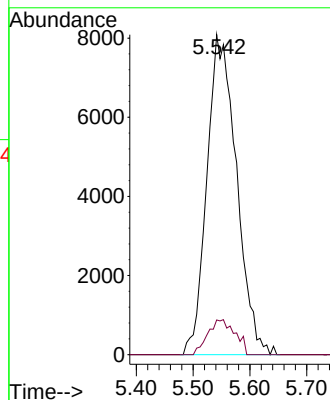
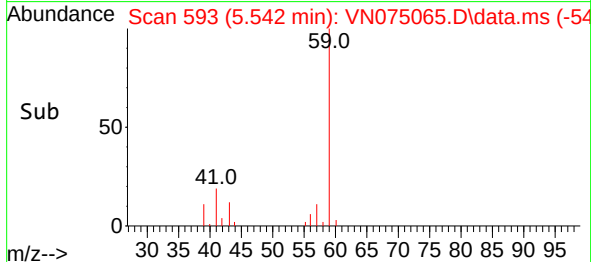
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



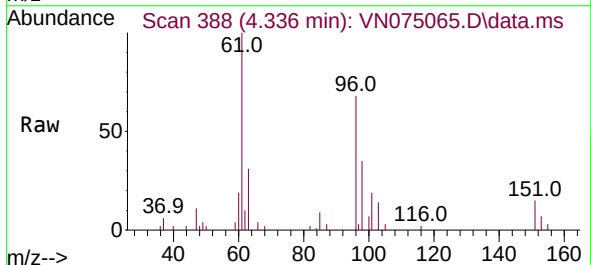
Tgt Ion: 59 Resp: 2927
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

Manual Integrations
APPROVED

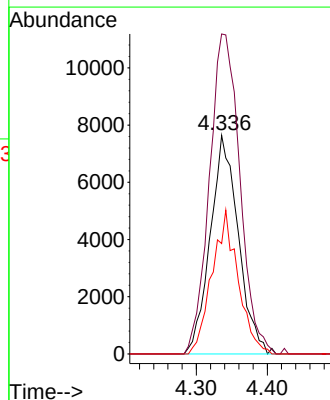
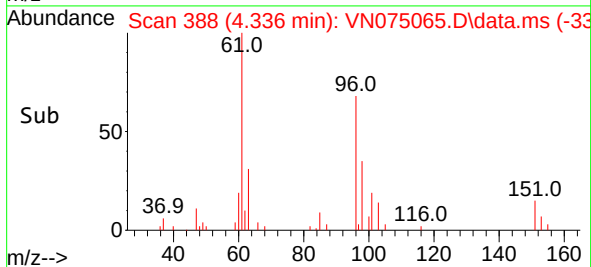
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

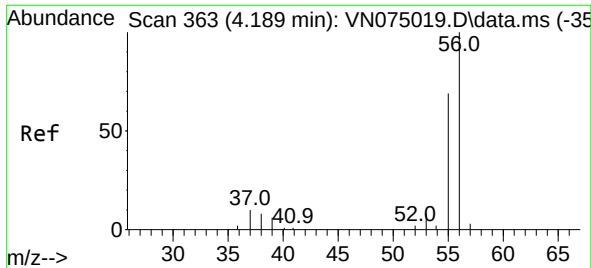


#12
1,1-Dichloroethene
Concen: 20.623 ug/l
RT: 4.336 min Scan# 388
Delta R.T. -0.012 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00



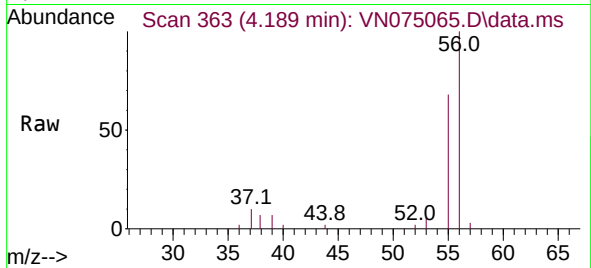
Tgt Ion: 96 Resp: 21004
Ion Ratio Lower Upper
96 100
61 146.4 126.2 189.4
98 50.5 51.5 77.3#





#13
Acrolein
Concen: 94.967 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

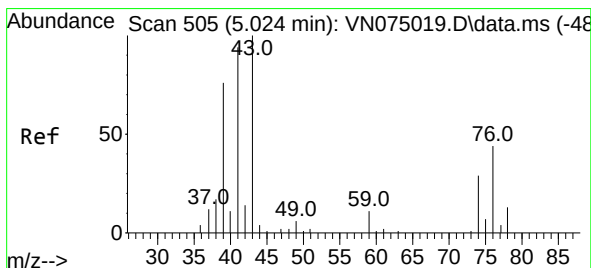
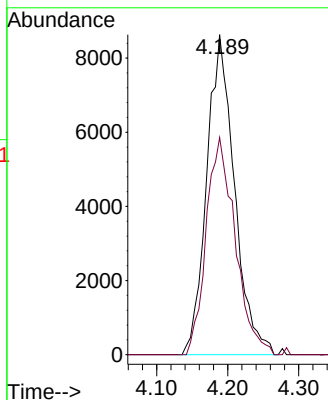
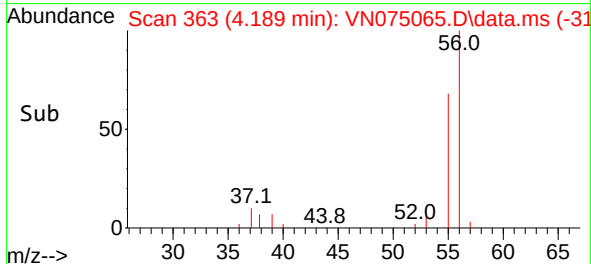
Instrument : MSVOA_N
ClientSampleId : VN1028WBS02



Tgt Ion: 56 Resp: 2345
Ion Ratio Lower Upper
56 100
55 70.8 55.2 82.8

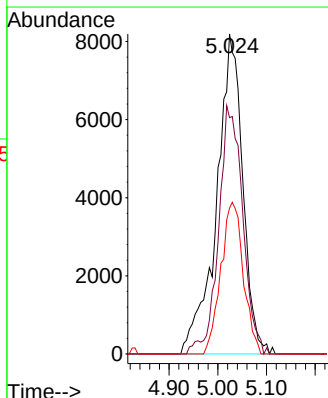
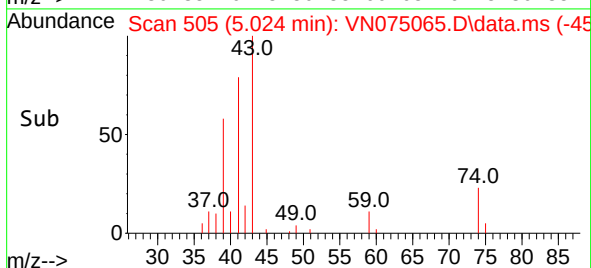
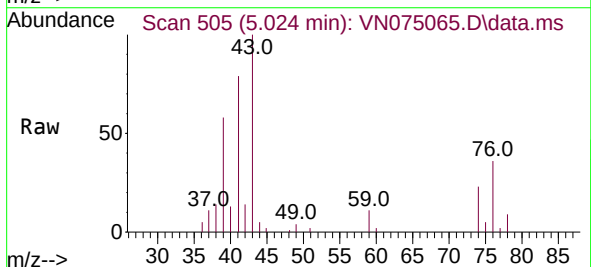
Manual Integrations
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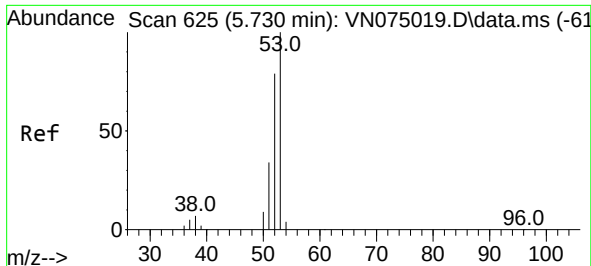
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Allyl chloride
Concen: 20.547 ug/l
RT: 5.024 min Scan# 505
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

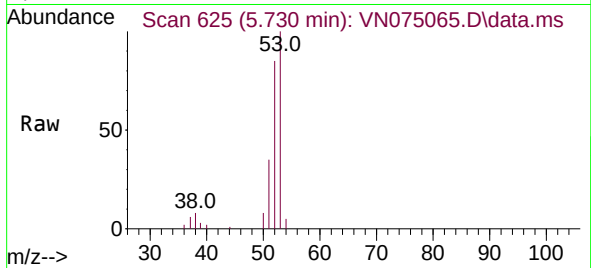
Tgt Ion: 41 Resp: 30564
Ion Ratio Lower Upper
41 100
39 71.3 61.0 91.4
76 40.6 33.4 50.0





#15
Acrylonitrile
Concen: 102.305 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

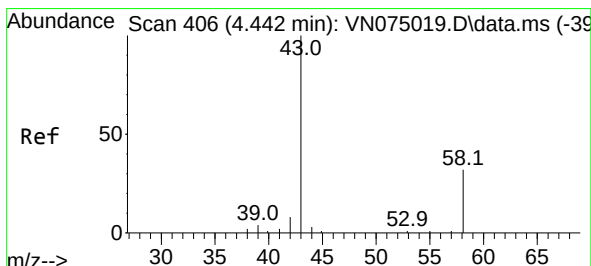
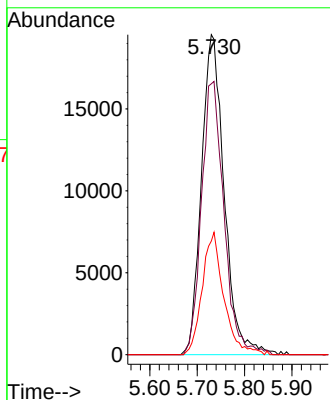
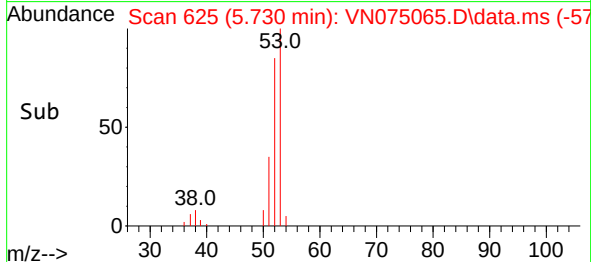
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



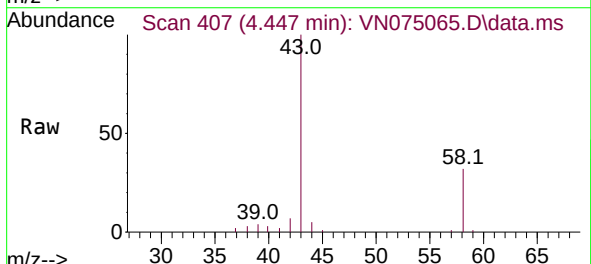
Tgt Ion:	53	Resp:	6524
Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.4	99.6
51	36.3	29.6	44.4

Manual Integrations
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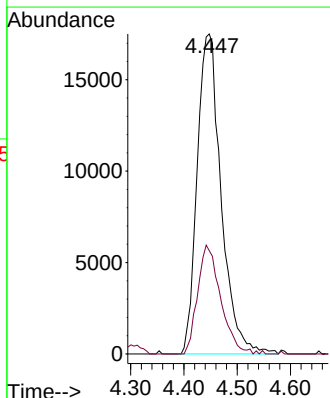
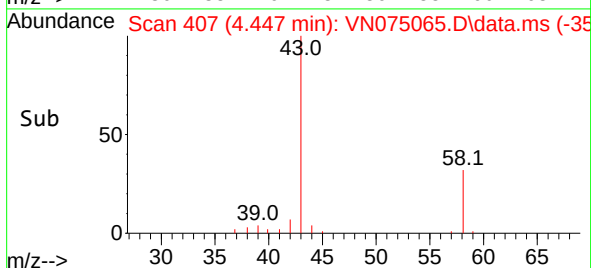
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

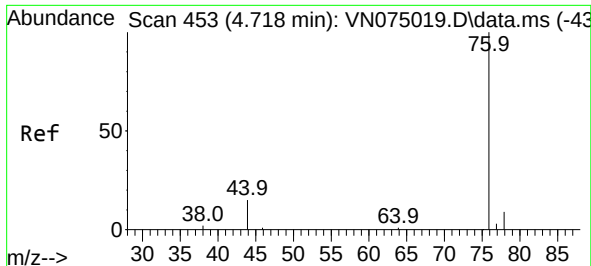


#16
Acetone
Concen: 99.913 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00



Tgt Ion:	43	Resp:	54768
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.5	38.3





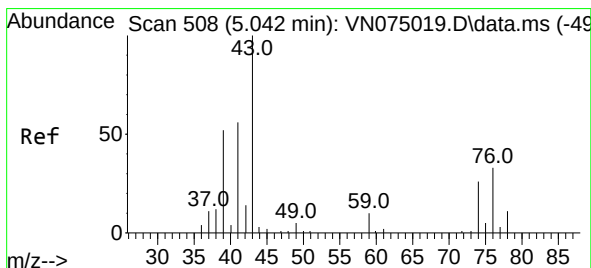
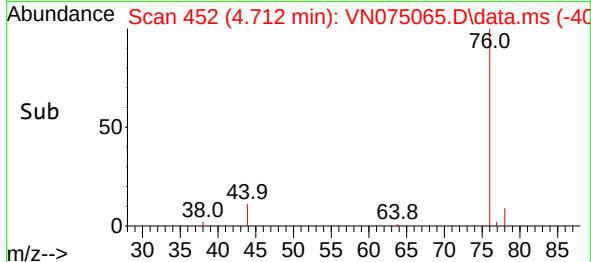
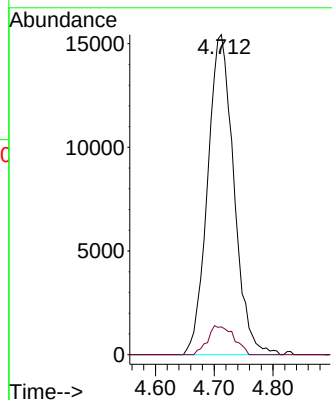
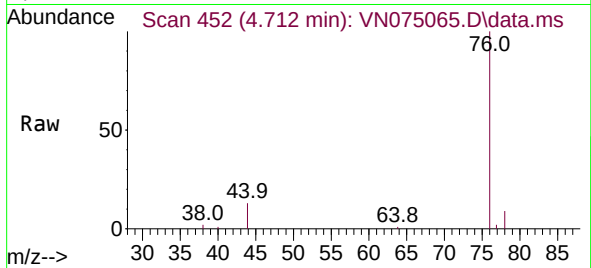
#17
Carbon Disulfide
Concen: 18.689 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 76 Resp: 4786
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

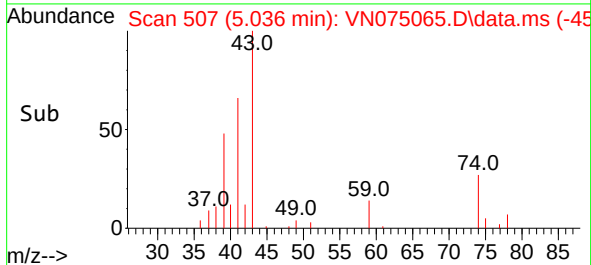
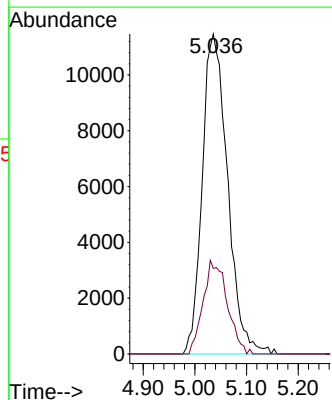
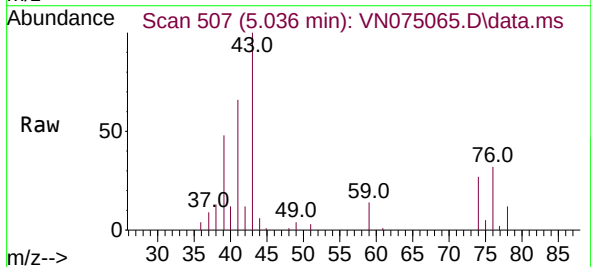
Manual Integrations
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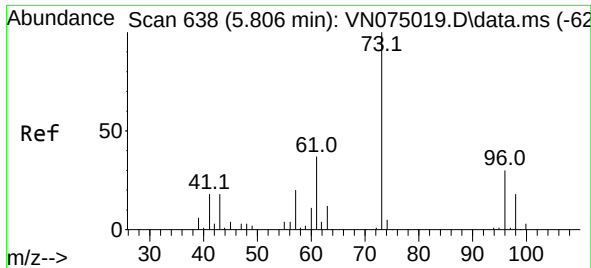
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
Methyl Acetate
Concen: 21.785 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Tgt Ion: 43 Resp: 39007
Ion Ratio Lower Upper
43 100
74 27.8 22.0 33.0





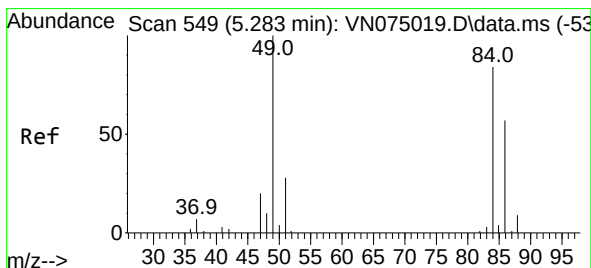
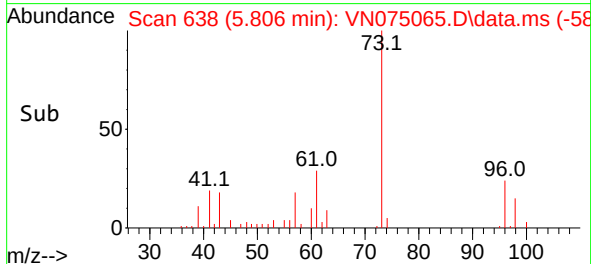
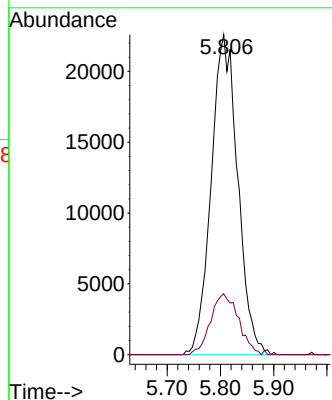
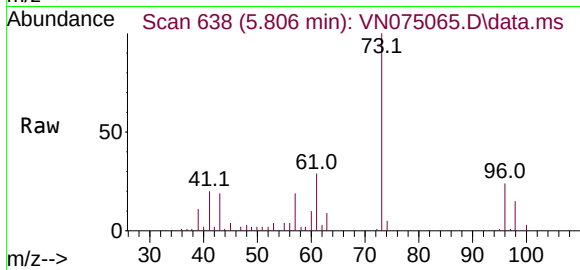
#19
Methyl tert-butyl Ether
Concen: 20.660 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 73 Resp: 7820
Ion Ratio Lower Upper
73 100
57 19.0 16.3 24.5

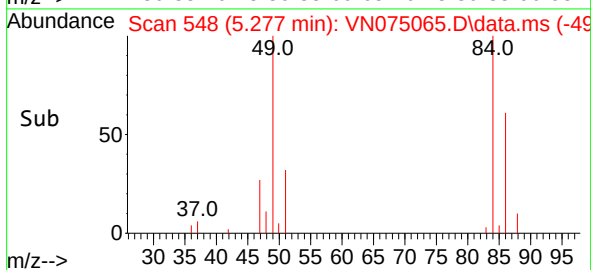
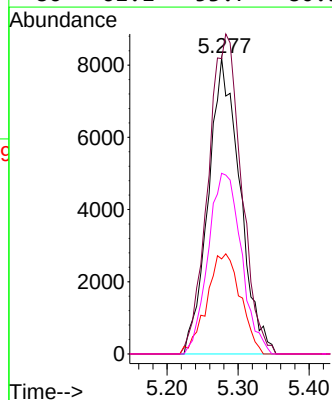
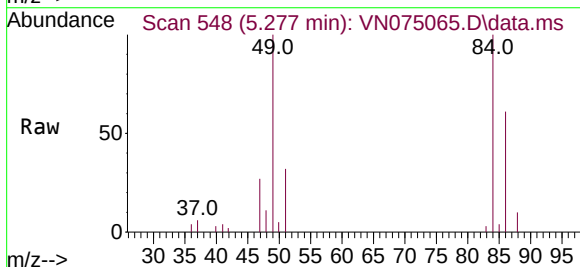
Manual Integrations
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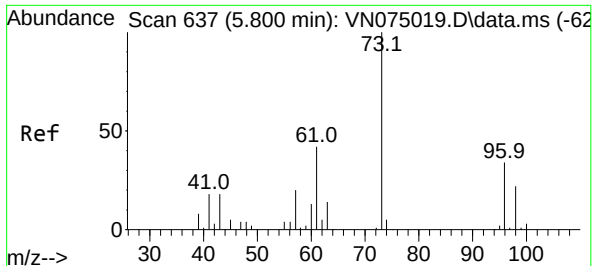
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 20.736 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Tgt Ion: 84 Resp: 25343
Ion Ratio Lower Upper
84 100
49 99.9 94.9 142.3
51 32.1 26.8 40.2
86 61.1 53.7 80.5





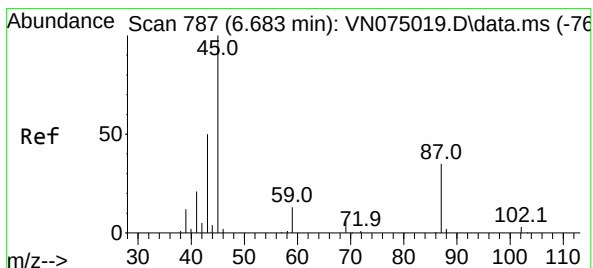
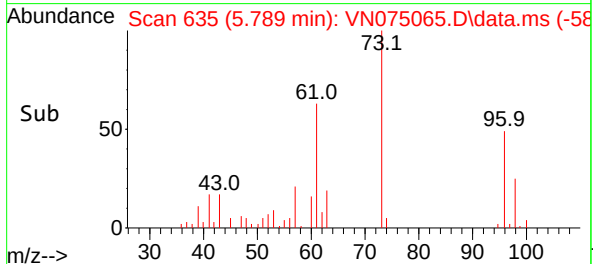
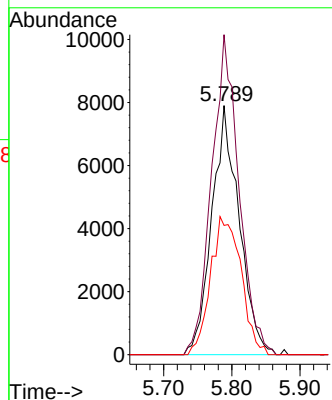
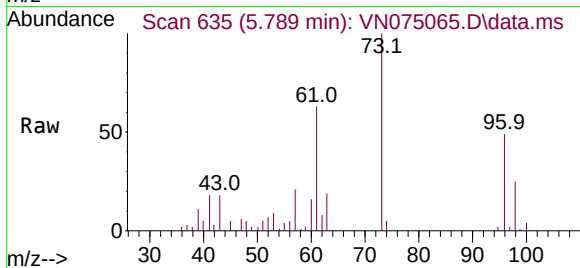
#21
trans-1,2-Dichloroethene
Concen: 19.783 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 96 Resp: 2206
Ion Ratio Lower Upper
96 100
61 128.4 99.9 149.9
98 51.9 51.5 77.3

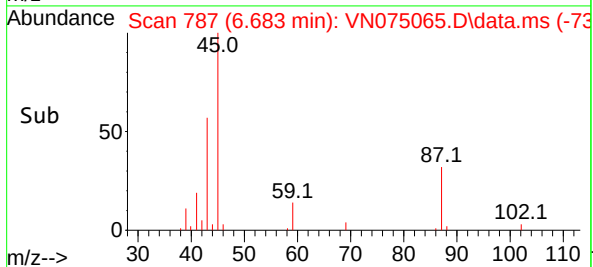
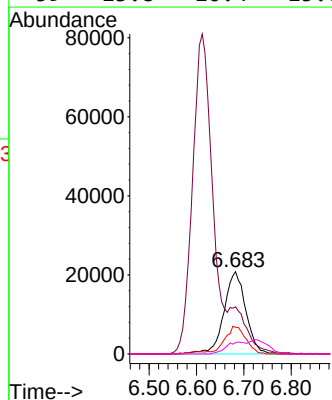
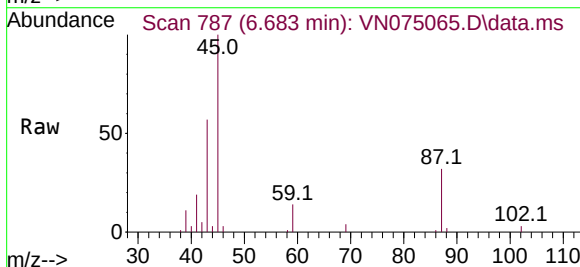
Manual Integrations
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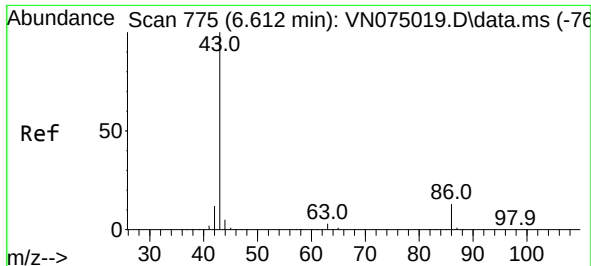
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 20.310 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Tgt Ion: 45 Resp: 66671
Ion Ratio Lower Upper
45 100
43 56.0 42.8 64.2
87 32.5 28.4 42.6
59 13.8 10.4 15.6





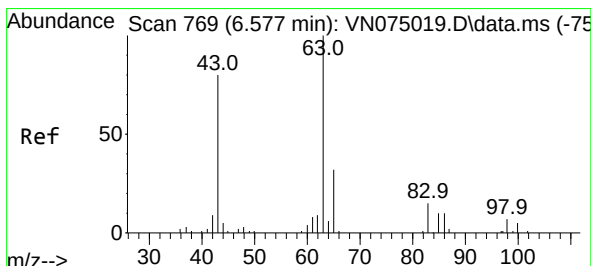
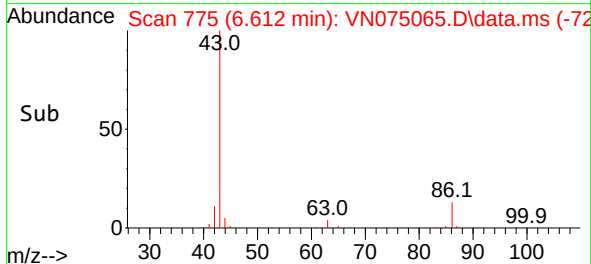
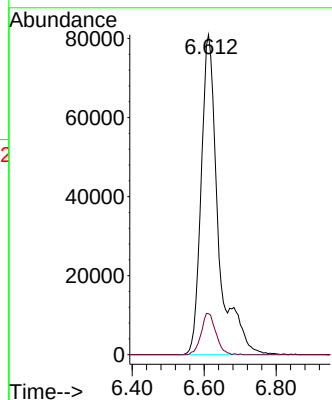
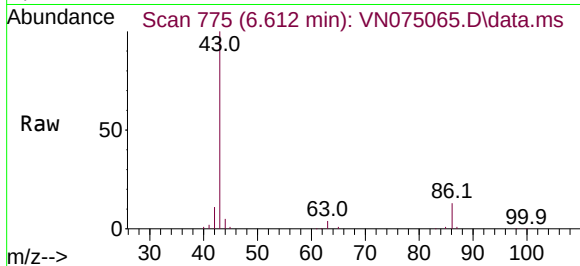
#23
 Vinyl Acetate
 Concen: 97.606 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075065.D
 Acq: 28 Oct 2022 17:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS02

Tgt Ion: 43 Resp: 267550
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.7 16.1

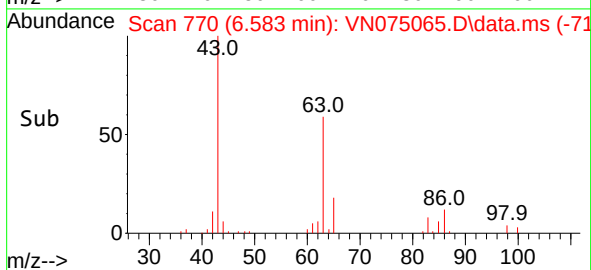
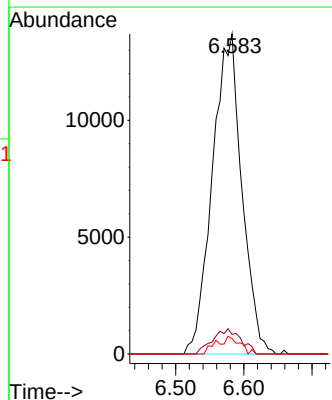
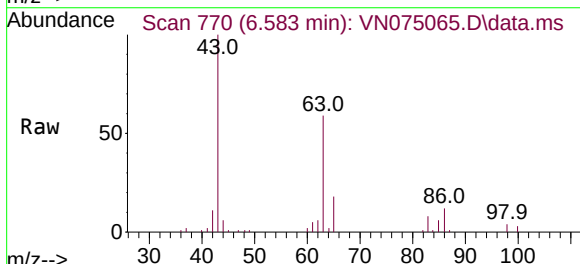
Manual Integrations
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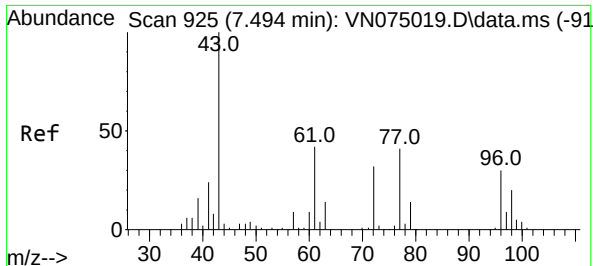
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 19.854 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075065.D
 Acq: 28 Oct 2022 17:00

Tgt Ion: 63 Resp: 41219
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.6 10.8
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 98.562 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 43 Resp: 84980

Ion Ratio Lower Upper

43 100

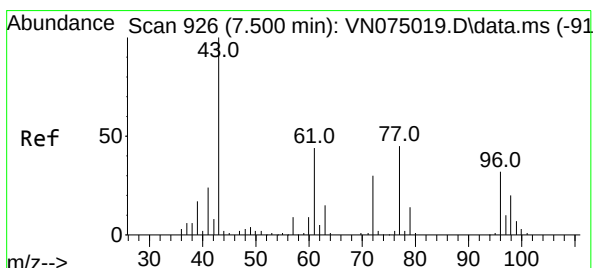
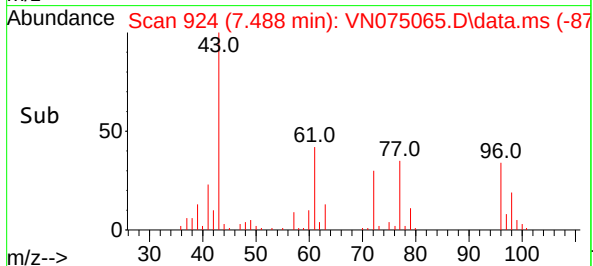
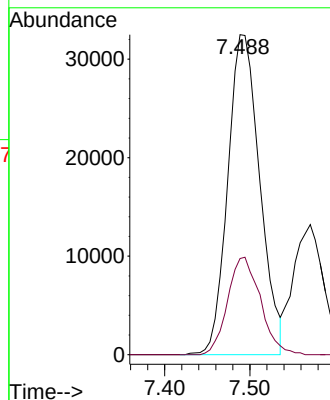
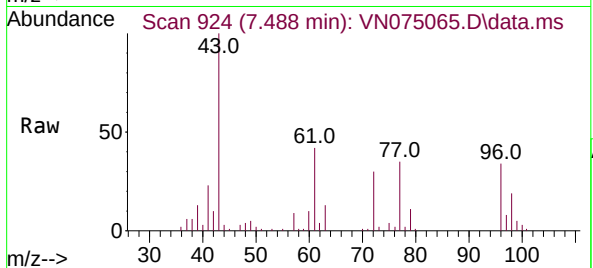
72 30.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#26

2,2-Dichloropropane

Concen: 19.051 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075065.D

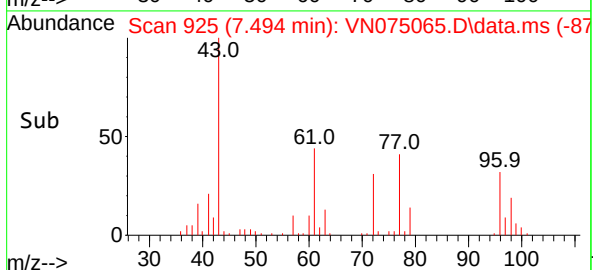
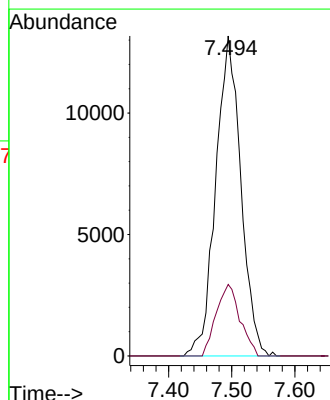
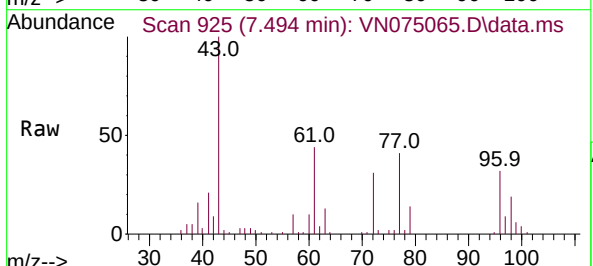
Acq: 28 Oct 2022 17:00

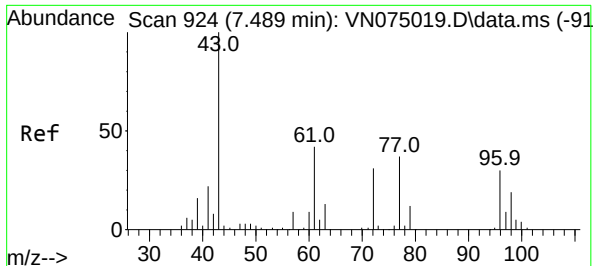
Tgt Ion: 77 Resp: 36386

Ion Ratio Lower Upper

77 100

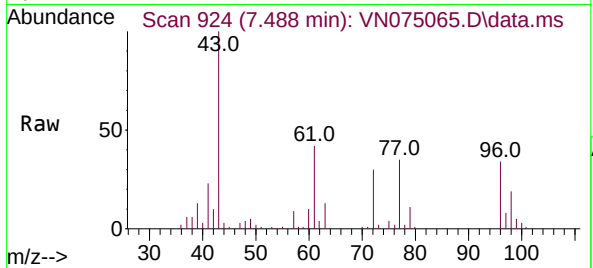
97 21.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.152 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VN075065.D
 Acq: 28 Oct 2022 17:00

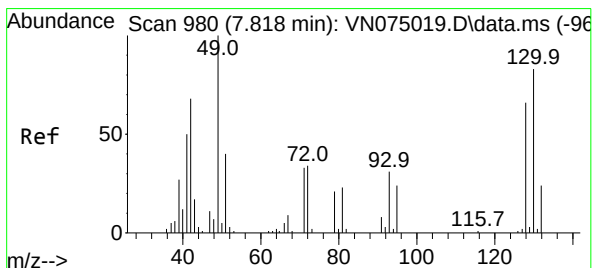
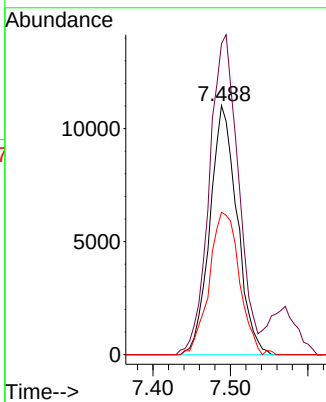
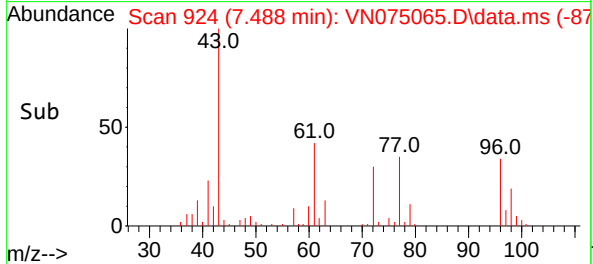
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS02



Tgt Ion: 96 Resp: 2683
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 278.8
 98 63.0 0.0 128.4

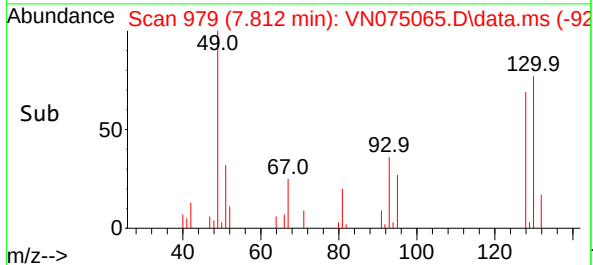
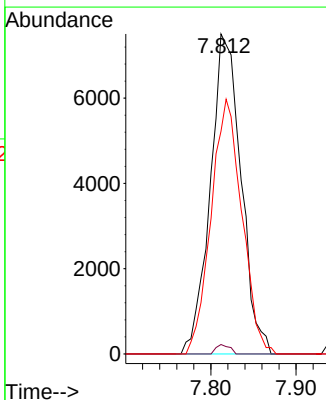
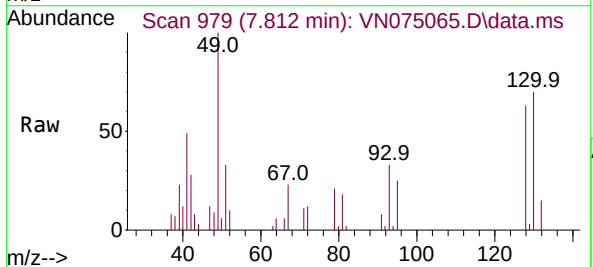
Manual Integrations
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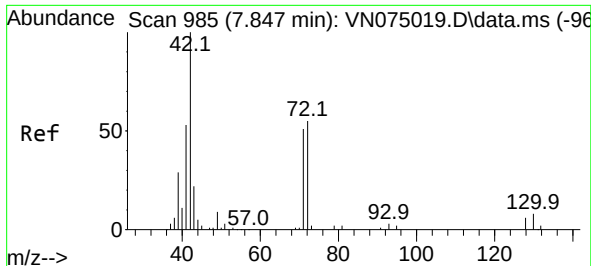
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#28
 Bromochloromethane
 Concen: 21.464 ug/l
 RT: 7.812 min Scan# 979
 Delta R.T. -0.006 min
 Lab File: VN075065.D
 Acq: 28 Oct 2022 17:00

Tgt Ion: 49 Resp: 18785
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 79.8 66.2 99.4





#29

Tetrahydrofuran

Concen: 97.858 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

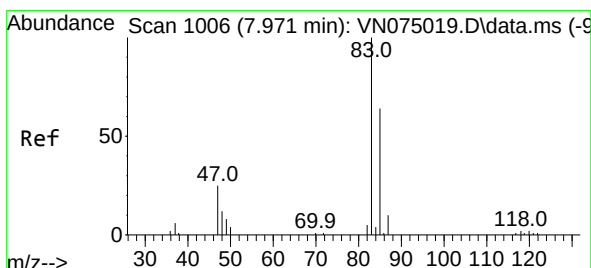
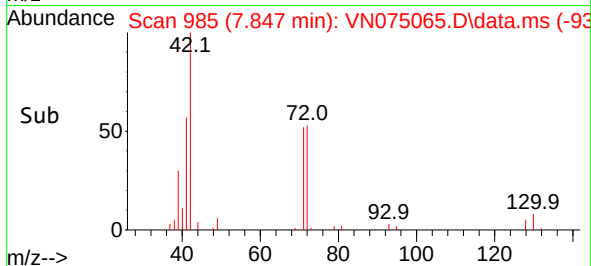
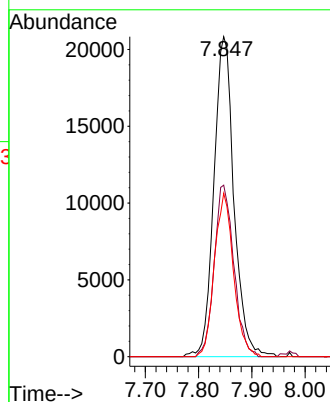
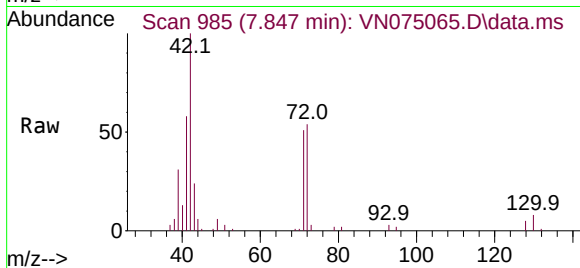
Tgt Ion:	42	Resp:	5452
Ion	Ratio	Lower	Upper
42	100		
72	52.4	43.0	64.6
71	48.7	39.9	59.9

Manual Integrations

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Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Chloroform

Concen: 19.767 ug/l

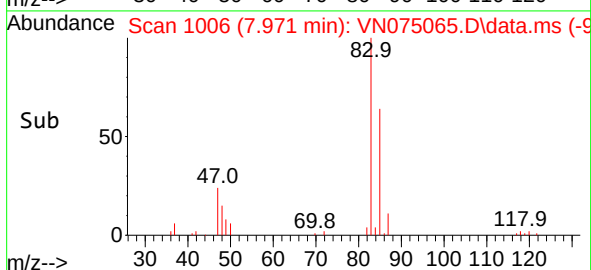
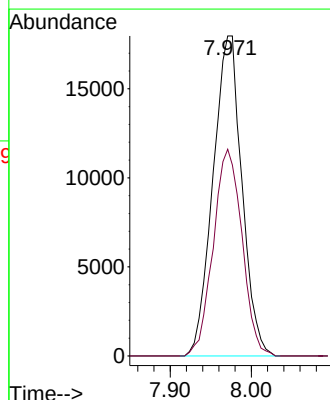
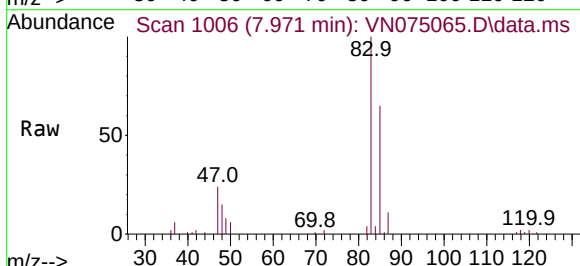
RT: 7.971 min Scan# 1006

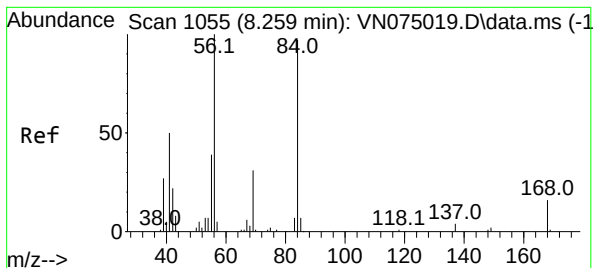
Delta R.T. -0.000 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Tgt Ion:	83	Resp:	44558
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.0





#31

Cyclohexane

Concen: 19.306 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

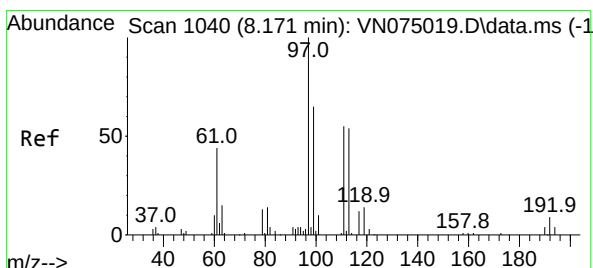
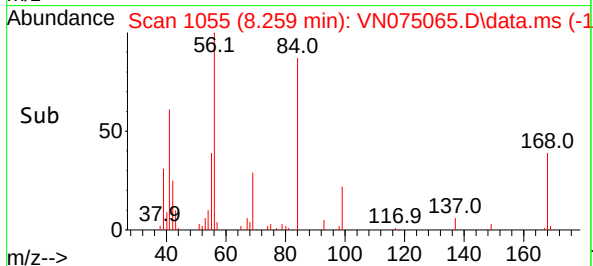
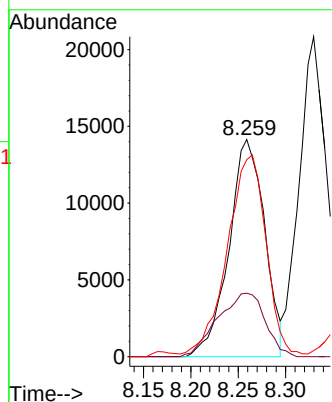
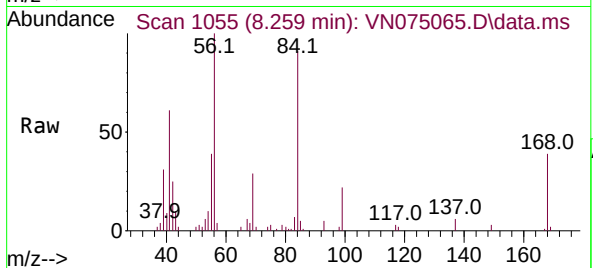
Tgt Ion:	56	Resp:	3717
Ion Ratio	Lower	Upper	
56	100		
69	29.3	25.2	37.8
84	89.4	77.8	116.8

Manual Integrations

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Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#32

1,1,1-Trichloroethane

Concen: 19.775 ug/l

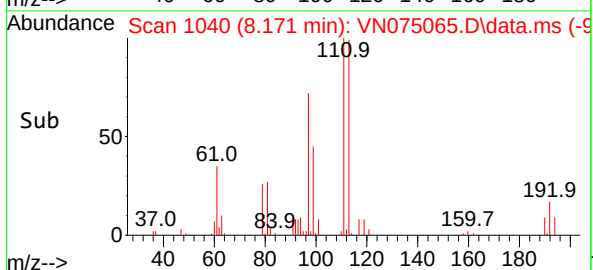
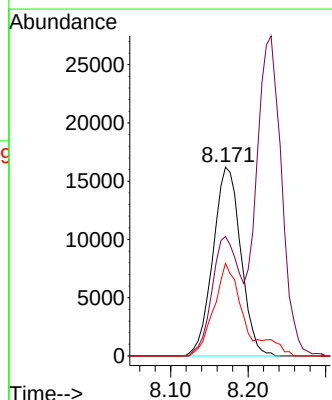
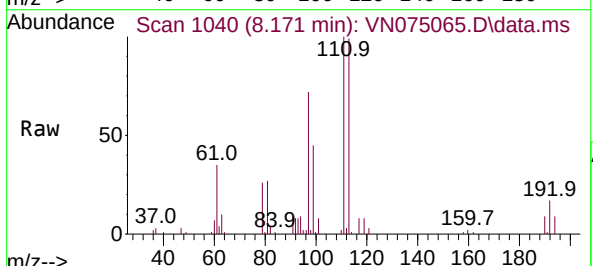
RT: 8.171 min Scan# 1040

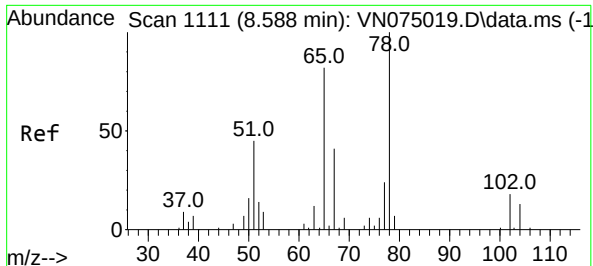
Delta R.T. -0.000 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Tgt Ion:	97	Resp:	40480
Ion Ratio	Lower	Upper	
97	100		
99	62.2	50.2	75.2
61	48.1	37.0	55.6





#33

1,2-Dichloroethane-d4

Concen: 52.725 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 65 Resp: 6825

Ion Ratio Lower Upper

65 100

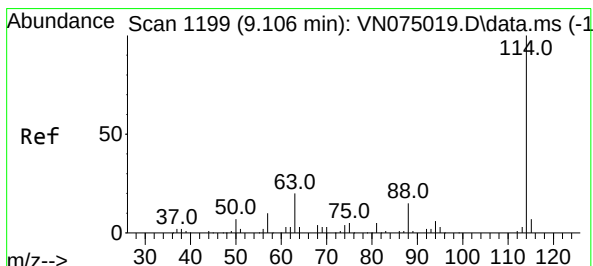
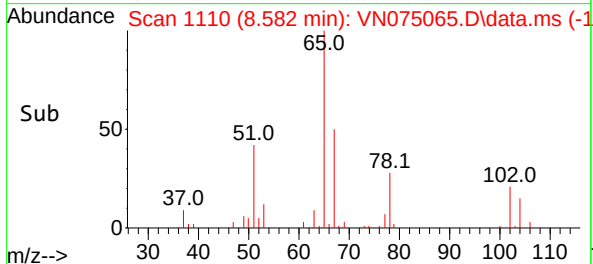
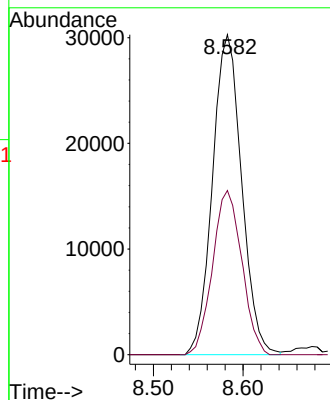
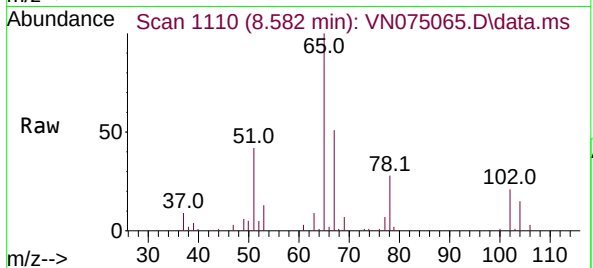
67 51.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

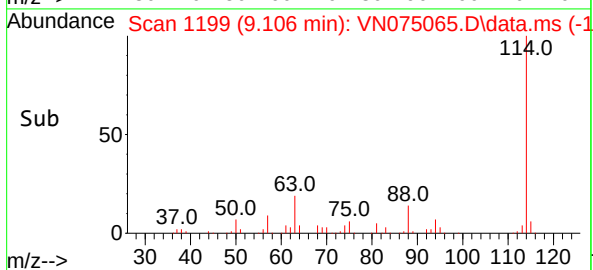
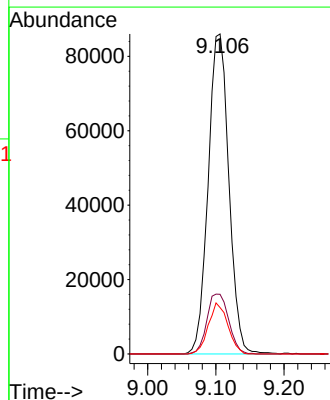
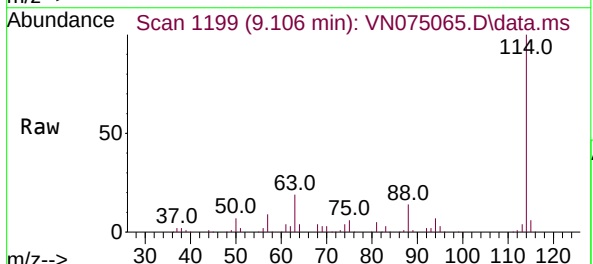
Tgt Ion:114 Resp: 181757

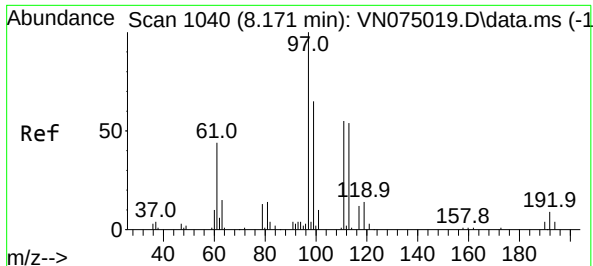
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.918 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

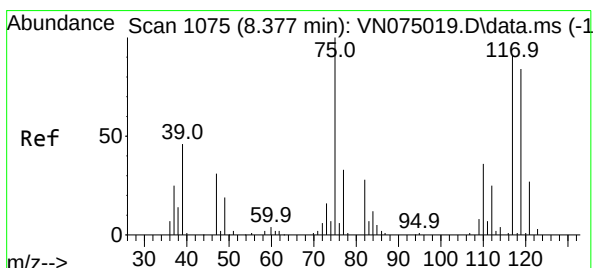
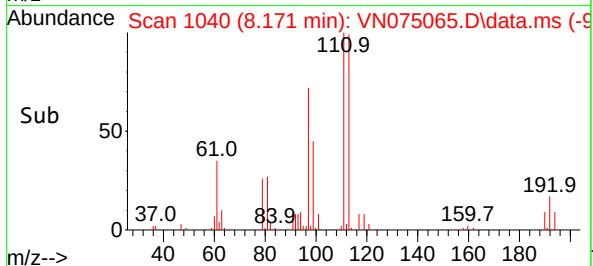
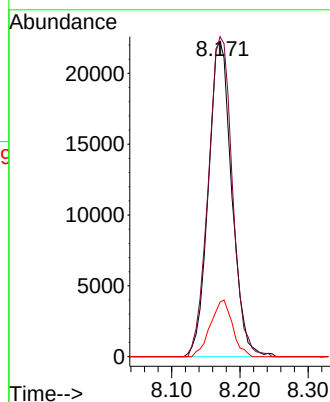
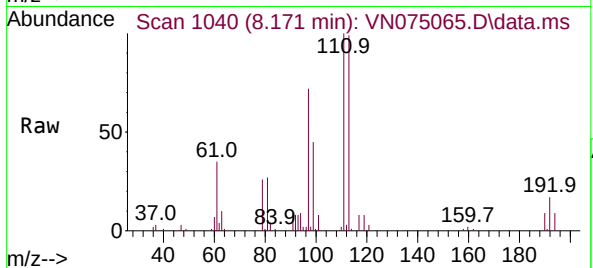
Tgt Ion:	113	Resp:	5326
Ion Ratio	Lower	Upper	
113	100		
111	104.2	80.5	120.7
192	16.9	13.2	19.8

Manual Integrations

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Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#36

1,1-Dichloropropene

Concen: 19.502 ug/l

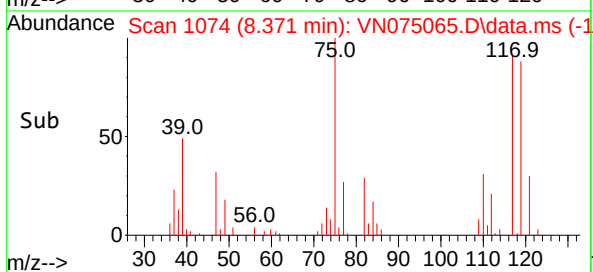
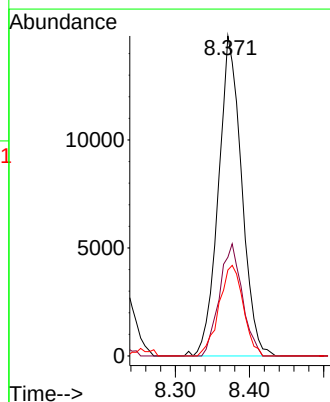
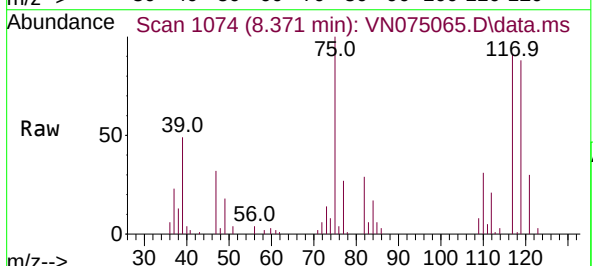
RT: 8.371 min Scan# 1074

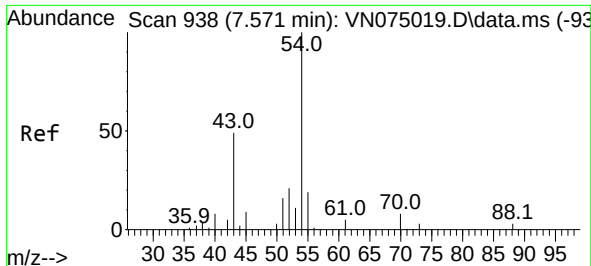
Delta R.T. -0.006 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

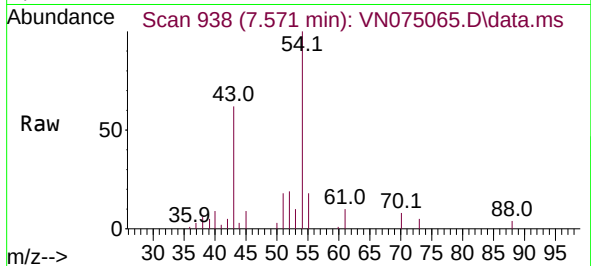
Tgt Ion:	75	Resp:	32216
Ion Ratio	Lower	Upper	
75	100		
110	34.3	17.8	53.3
77	29.5	24.6	37.0





#37
Ethyl Acetate
Concen: 19.156 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

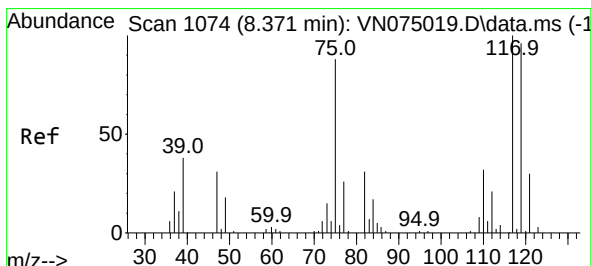
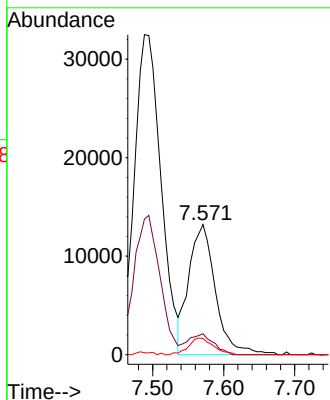
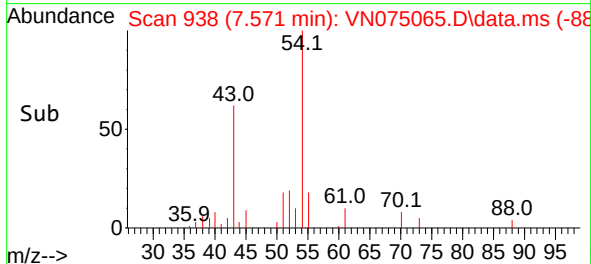
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



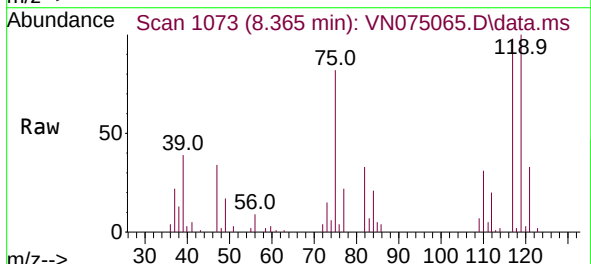
Tgt Ion: 43 Resp: 3470
Ion Ratio Lower Upper
43 100
61 14.5 12.2 18.4
70 11.8 9.4 14.2

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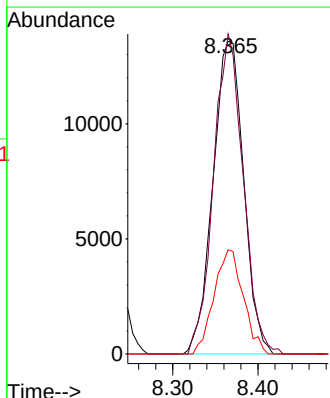
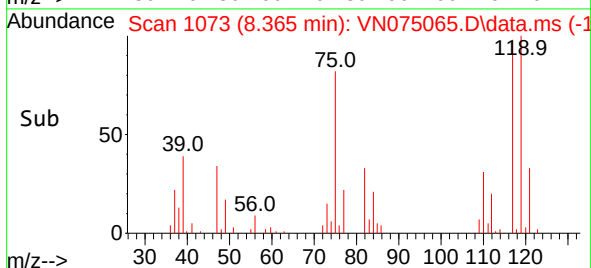
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

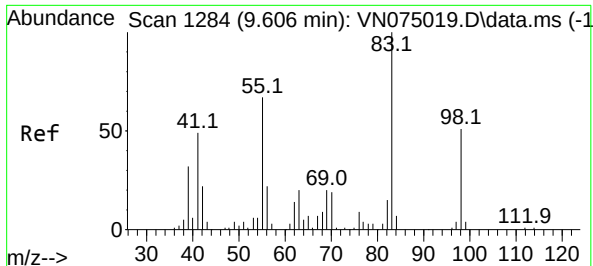


#38
Carbon Tetrachloride
Concen: 18.734 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00



Tgt Ion:117 Resp: 34041
Ion Ratio Lower Upper
117 100
119 102.3 76.7 115.1
121 33.3 23.9 35.9





#39

Methylcyclohexane

Concen: 18.593 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 83 Resp: 4054

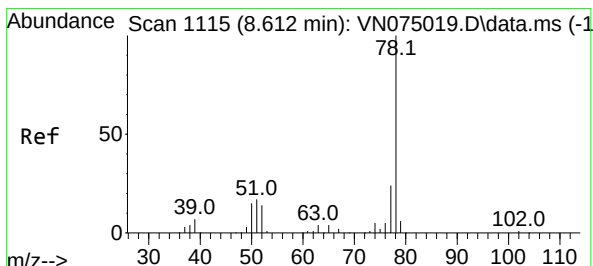
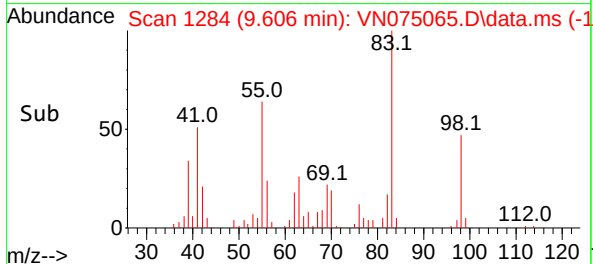
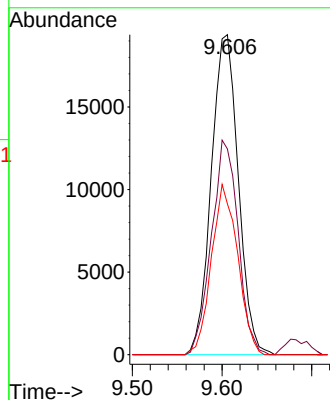
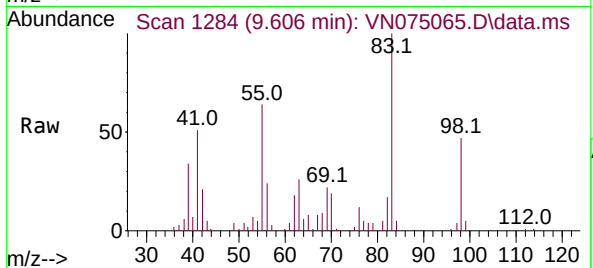
Ion	Ratio	Lower	Upper
83	100		
55	64.3	53.6	80.4
98	47.2	41.1	61.7

Manual Integrations

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Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 19.582 ug/l

RT: 8.612 min Scan# 1115

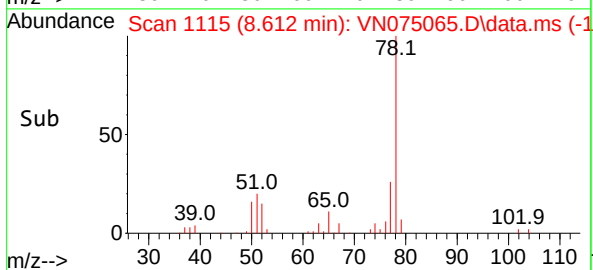
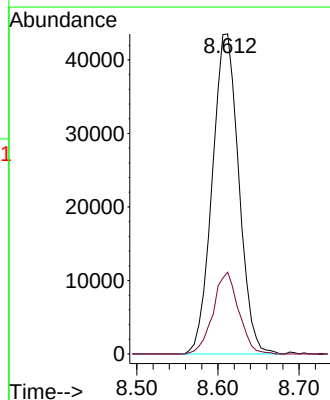
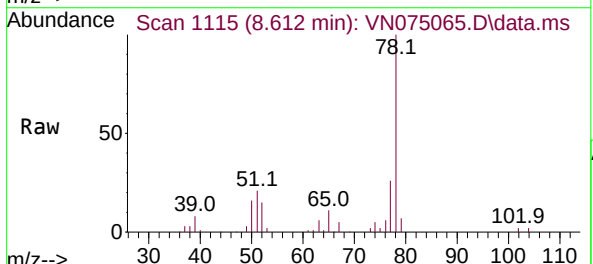
Delta R.T. -0.000 min

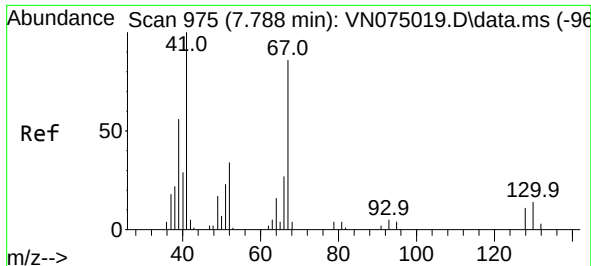
Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Tgt Ion: 78 Resp: 99046

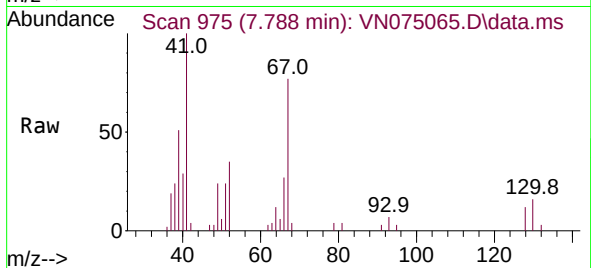
Ion	Ratio	Lower	Upper
78	100		
77	25.5	19.4	29.0





#41
Methacrylonitrile
Concen: 21.713 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

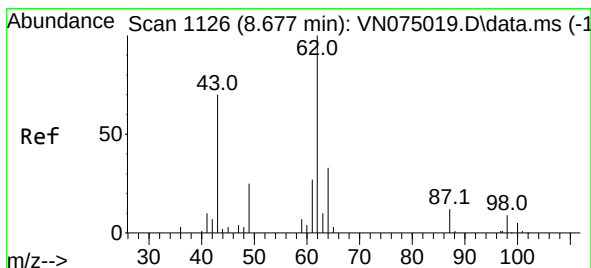
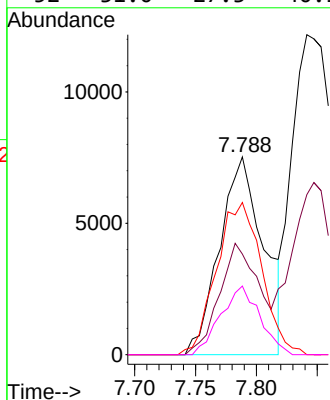
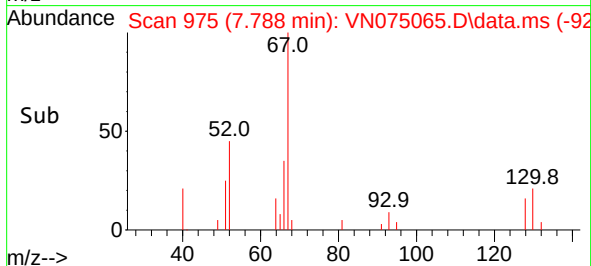
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



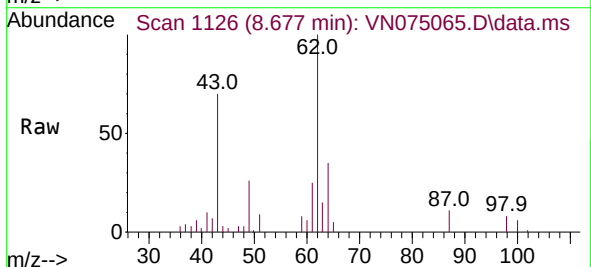
Tgt Ion: 41 Resp: 18840
Ion Ratio Lower Upper
41 100
39 51.0 44.4 66.6
67 79.4 69.8 104.6
52 31.0 27.3 40.9

Manual Integrations
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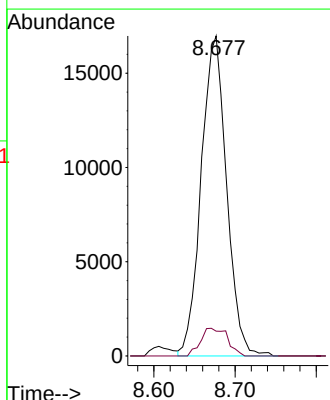
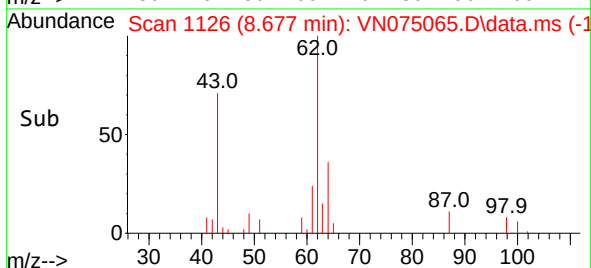
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

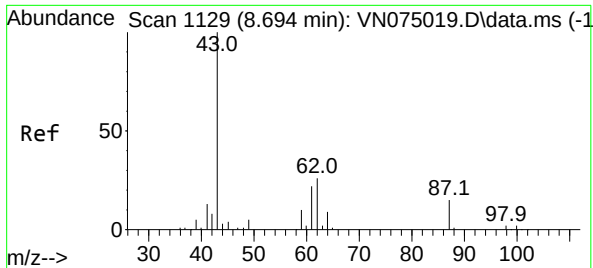


#42
1,2-Dichloroethane
Concen: 20.059 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00



Tgt Ion: 62 Resp: 36911
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.2





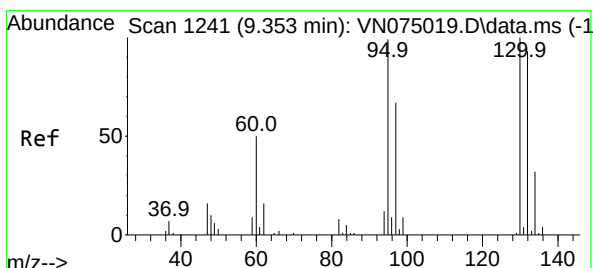
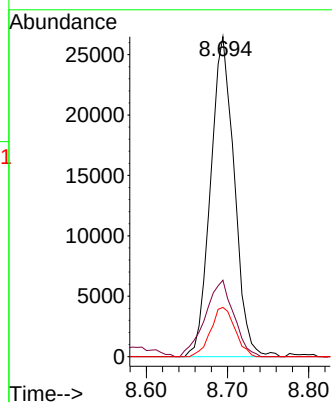
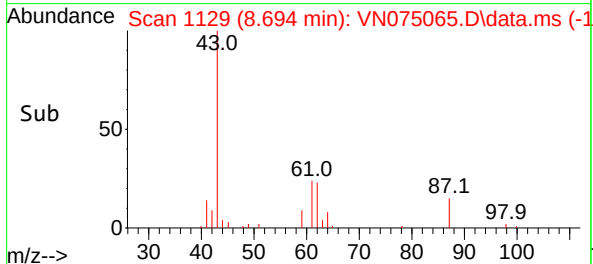
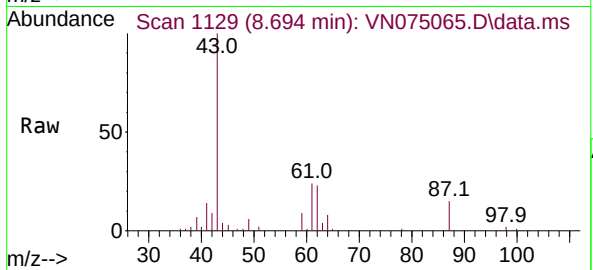
#43
Isopropyl Acetate
Concen: 19.149 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 43 Resp: 53810
Ion Ratio Lower Upper
43 100
61 28.6 22.4 33.6
87 15.8 12.5 18.7

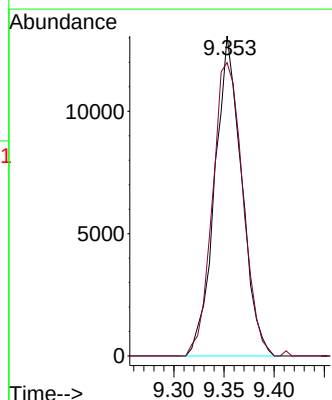
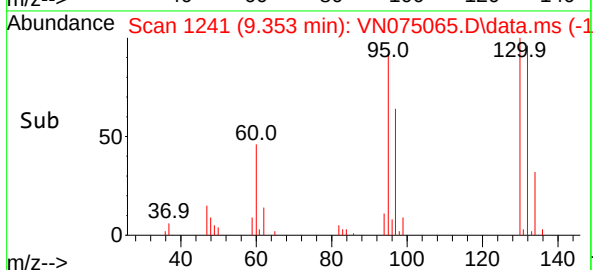
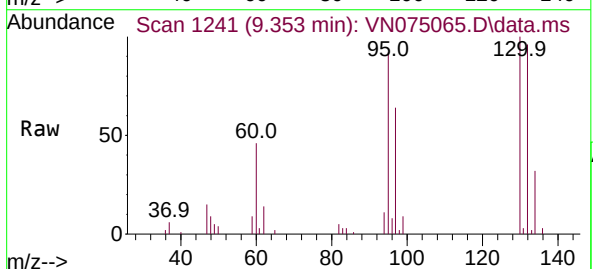
Manual Integrations
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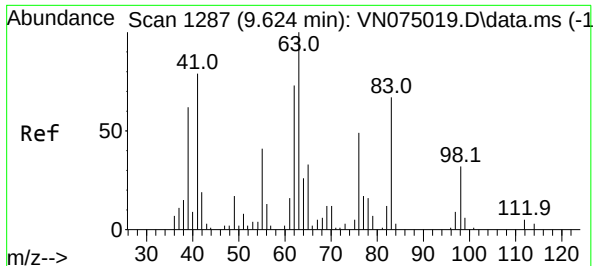
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
Trichloroethene
Concen: 19.244 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Tgt Ion:130 Resp: 24420
Ion Ratio Lower Upper
130 100
95 91.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.394 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 63 Resp: 2454

Ion Ratio Lower Upper

63 100

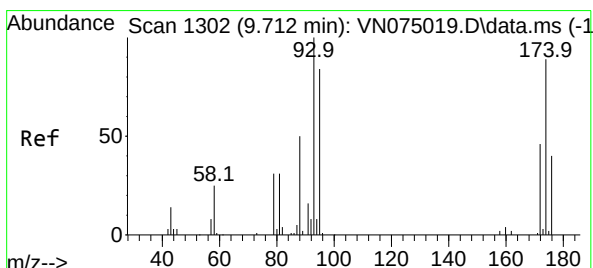
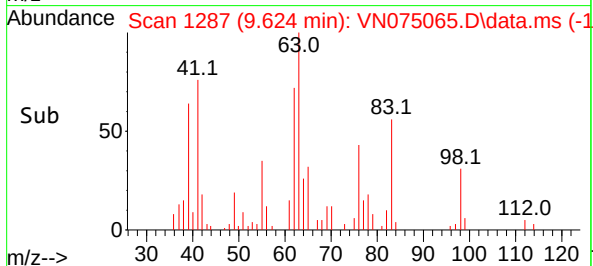
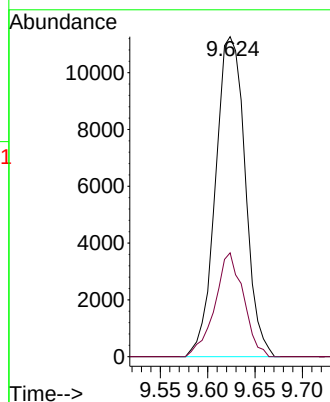
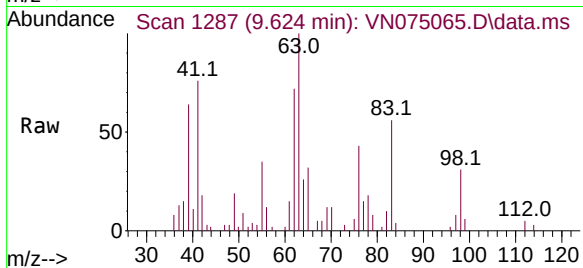
65 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 19.440 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

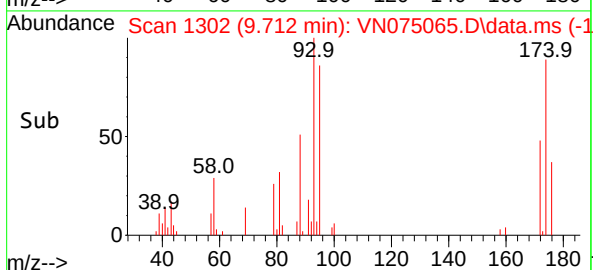
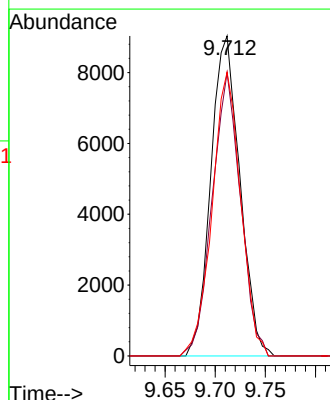
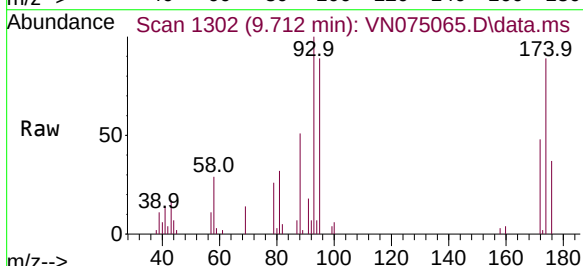
Tgt Ion: 93 Resp: 18230

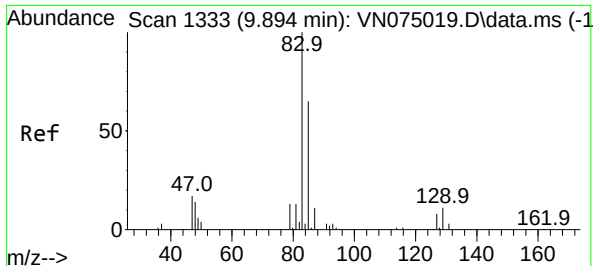
Ion Ratio Lower Upper

93 100

95 86.1 66.6 99.8

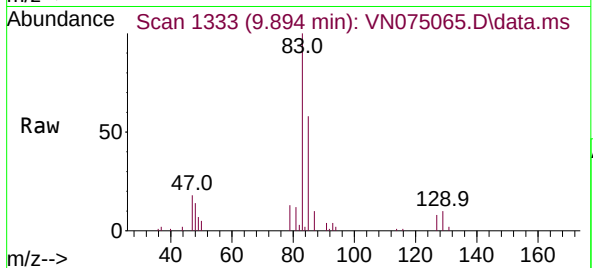
174 87.2 70.3 105.5





#47
Bromodichloromethane
Concen: 19.239 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

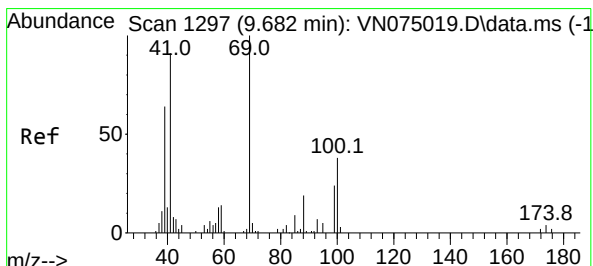
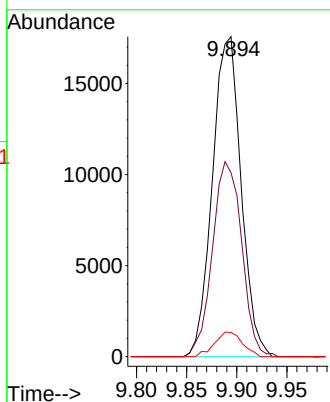
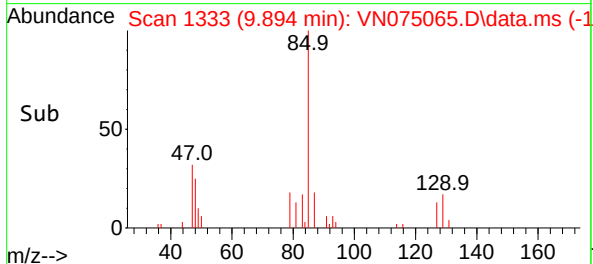
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 83 Resp: 34938
Ion Ratio Lower Upper
83 100
85 57.5 52.1 78.1
127 7.5 6.6 10.0

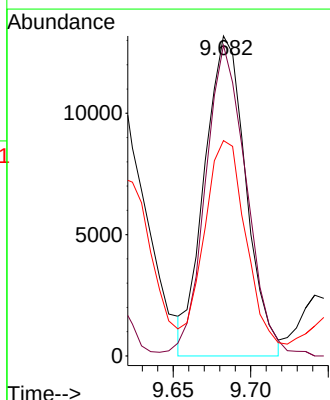
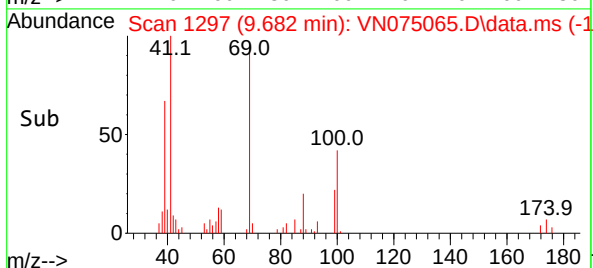
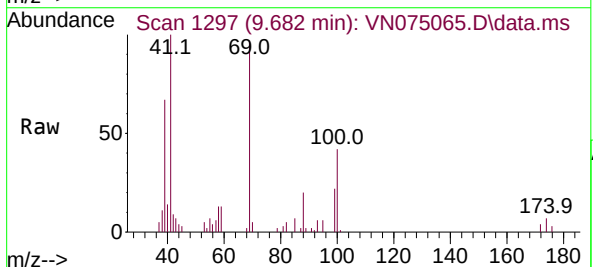
Manual Integrations
APPROVED

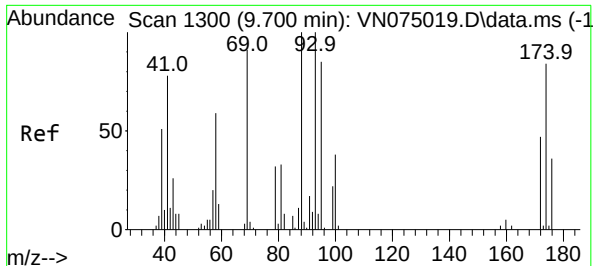
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
Methyl methacrylate
Concen: 19.004 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Tgt Ion: 41 Resp: 24497
Ion Ratio Lower Upper
41 100
69 96.7 80.2 120.2
39 70.2 56.2 84.2





#49

1,4-Dioxane

Concen: 389.697 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

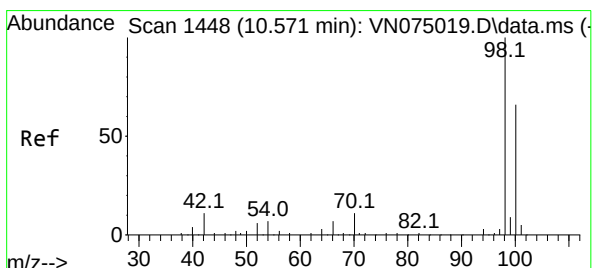
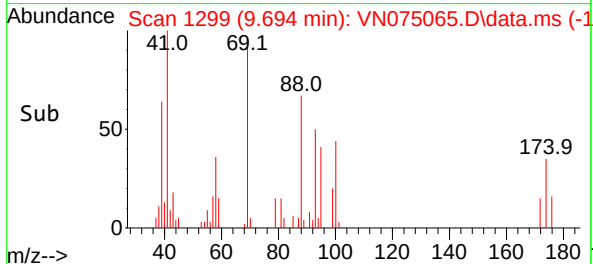
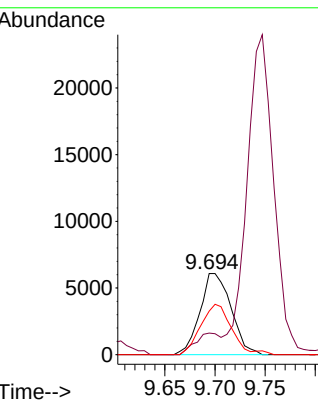
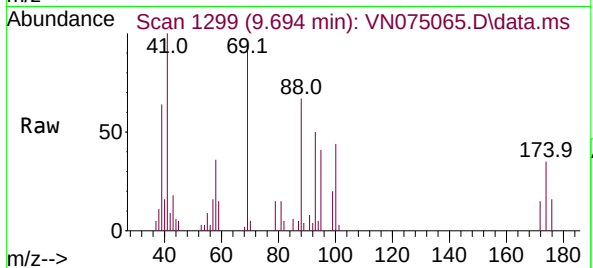
Tgt Ion: 88 Resp: 13154
 Ion Ratio Lower Upper
 88 100
 43 21.7 17.5 26.3
 58 61.5 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 50.339 ug/l

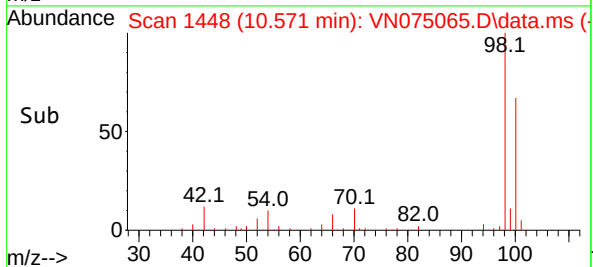
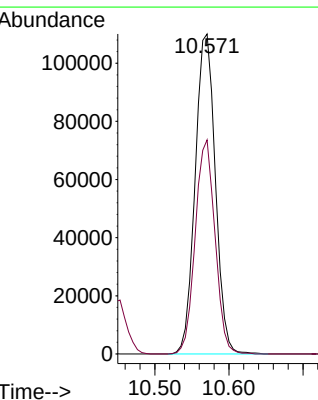
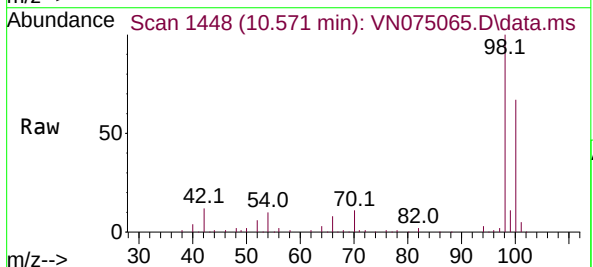
RT: 10.571 min Scan# 1448

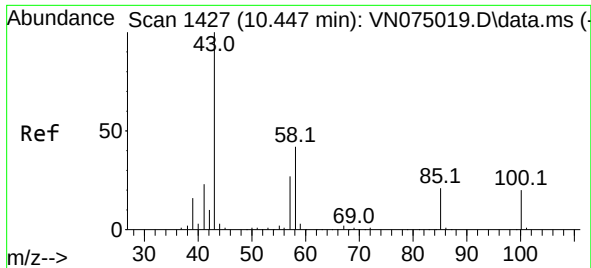
Delta R.T. -0.000 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

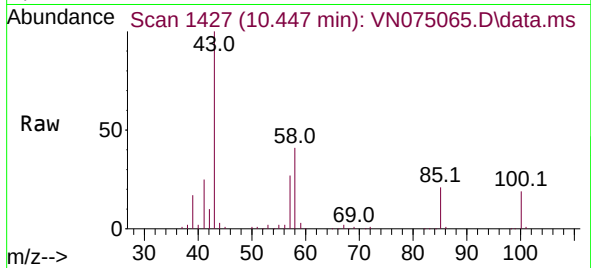
Tgt Ion: 98 Resp: 208387
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 96.479 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

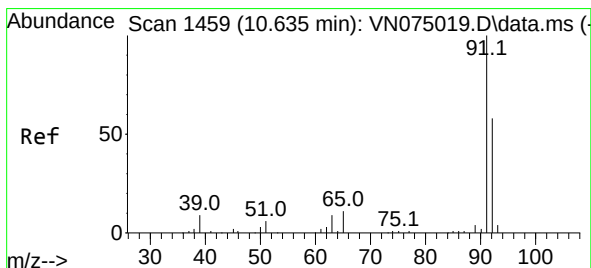
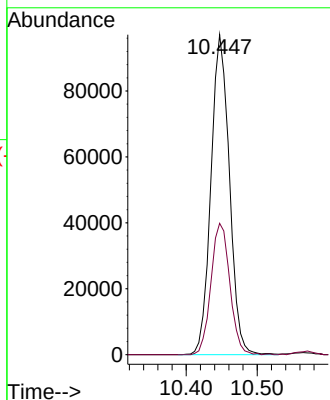
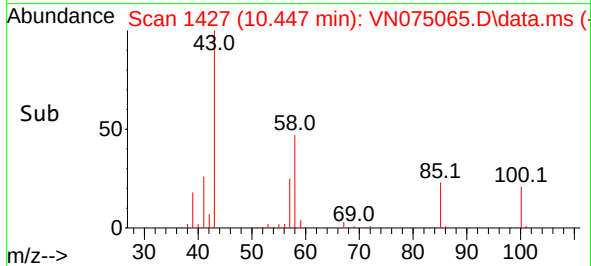
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 43 Resp: 174950
Ion Ratio Lower Upper
43 100
58 41.9 33.6 50.4

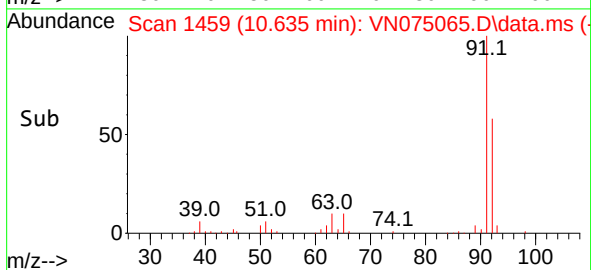
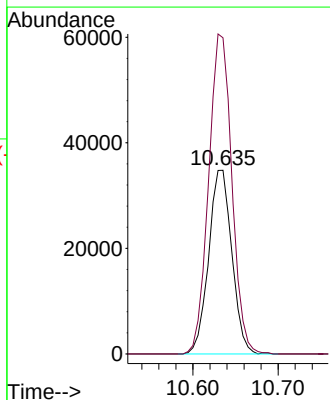
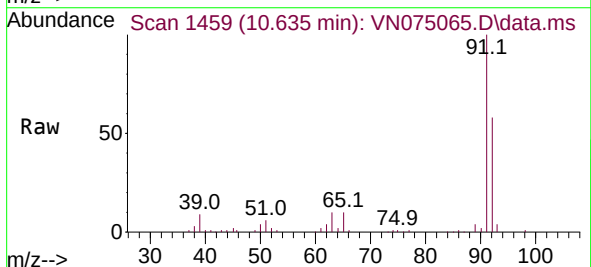
Manual Integrations
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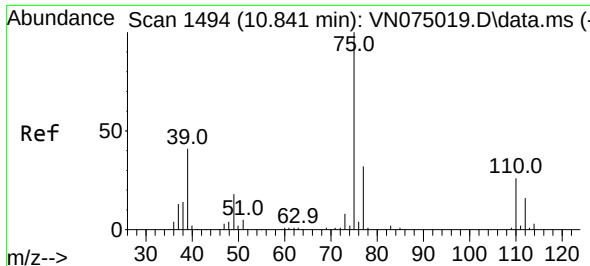
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 19.497 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

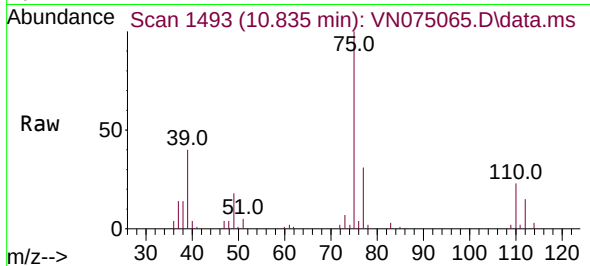
Tgt Ion: 92 Resp: 65920
Ion Ratio Lower Upper
92 100
91 174.2 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 18.999 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

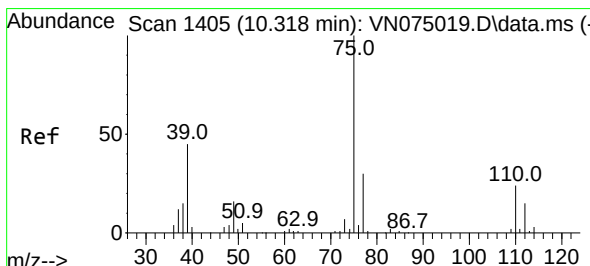
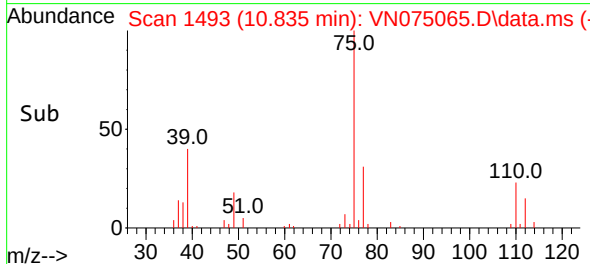
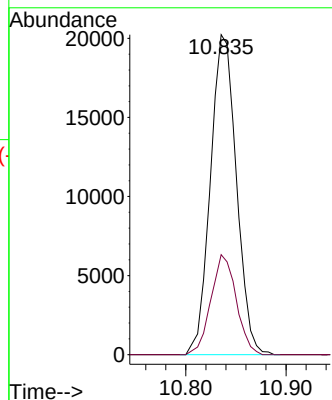
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 75 Resp: 36418
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

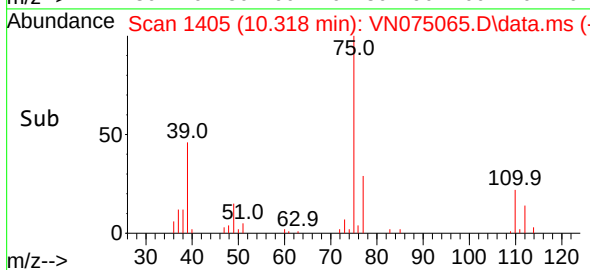
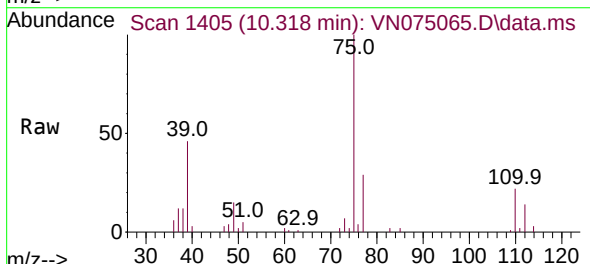
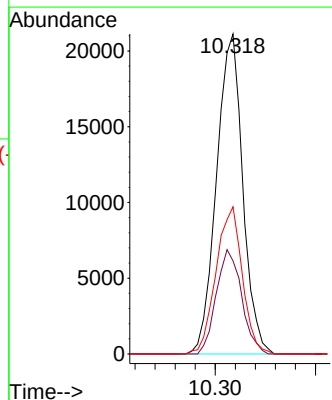
Manual Integrations
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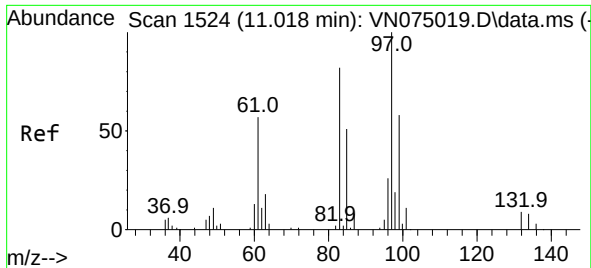
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
cis-1,3-Dichloropropene
Concen: 18.814 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

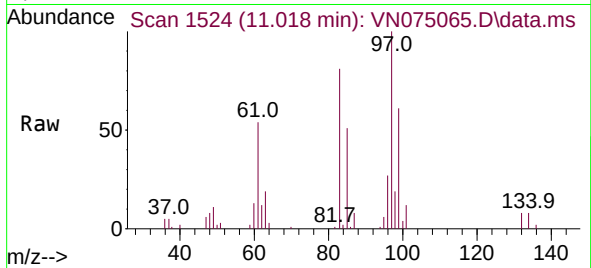
Tgt Ion: 75 Resp: 38251
Ion Ratio Lower Upper
75 100
77 29.1 23.7 35.5
39 46.0 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 19.333 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

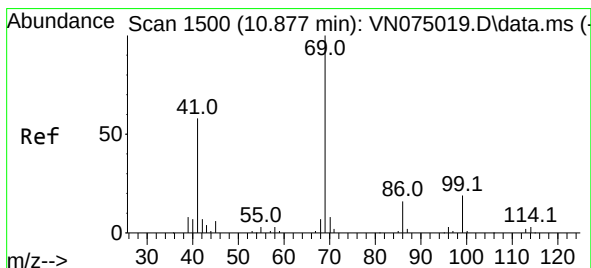
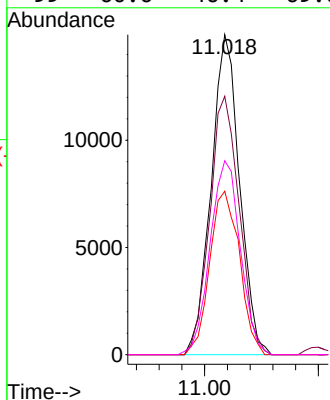
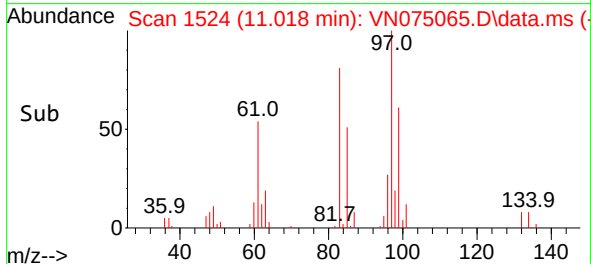


Tgt Ion: 97 Resp: 25918

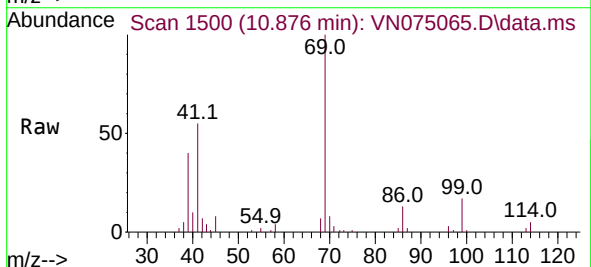
Ion	Ratio	Lower	Upper
97	100		
83	80.8	65.9	98.9
85	51.1	40.4	60.6
99	60.6	46.4	69.6

Manual Integrations
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Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

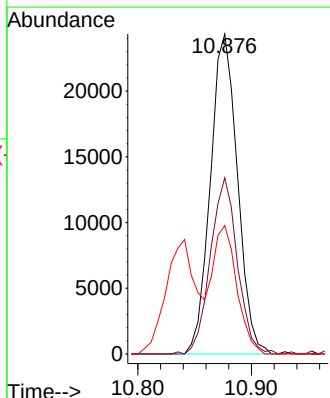
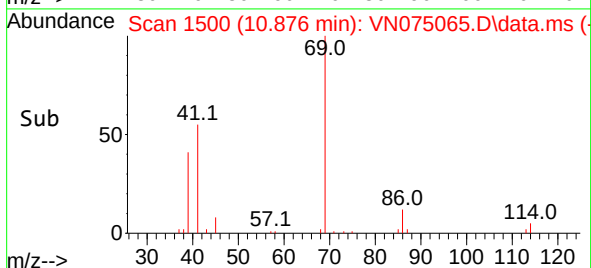


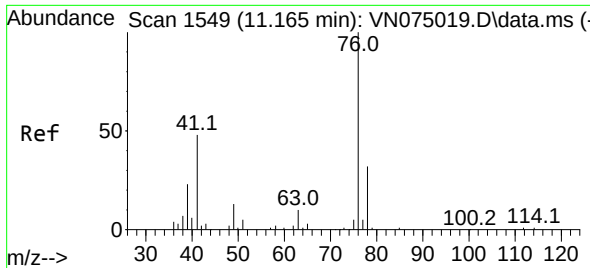
#56
Ethyl methacrylate
Concen: 19.731 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00



Tgt Ion: 69 Resp: 40348

Ion	Ratio	Lower	Upper
69	100		
41	54.8	45.6	68.4
39	35.8	28.5	42.7





#57

1,3-Dichloropropane

Concen: 20.437 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 76 Resp: 45628

Ion Ratio Lower Upper

76 100

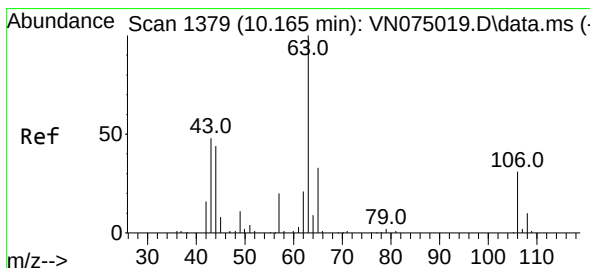
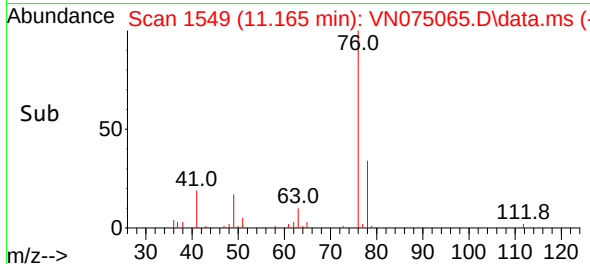
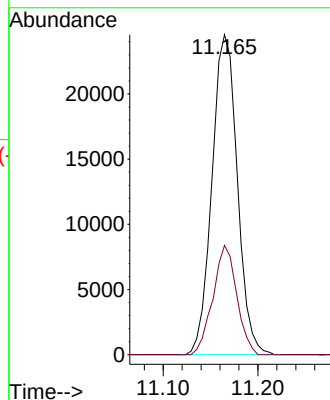
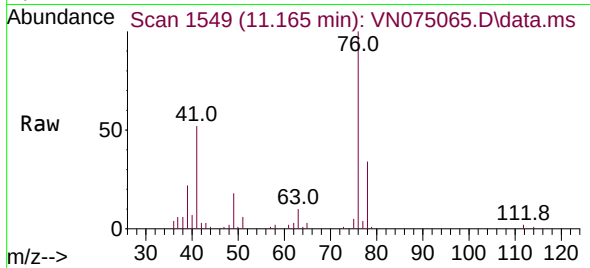
78 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 111.605 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075065.D

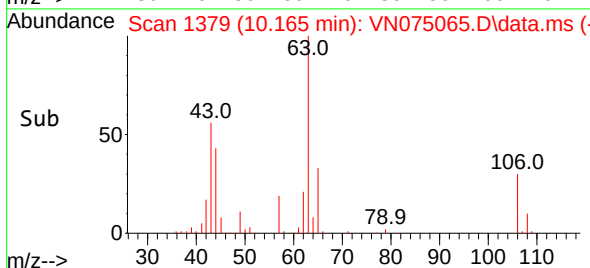
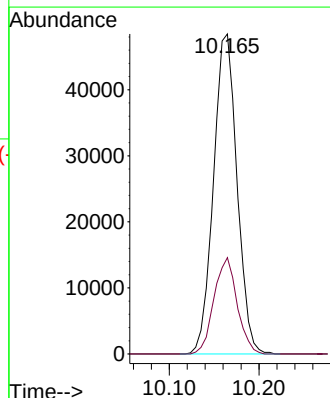
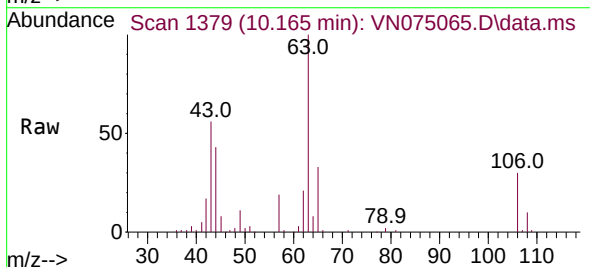
Acq: 28 Oct 2022 17:00

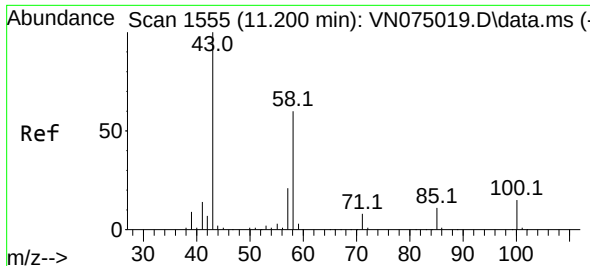
Tgt Ion: 63 Resp: 88232

Ion Ratio Lower Upper

63 100

106 29.6 24.8 37.2





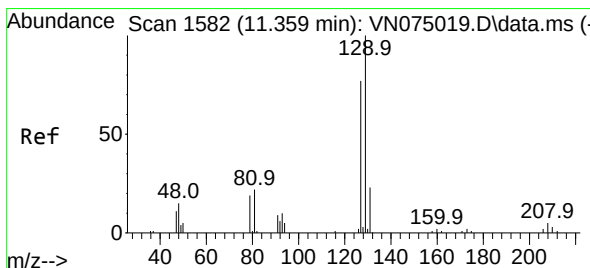
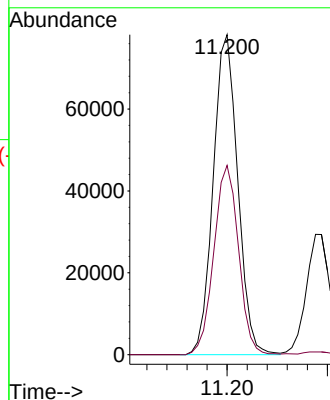
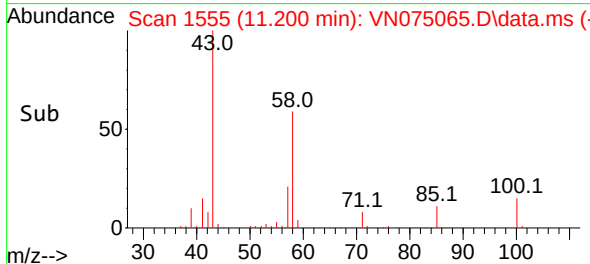
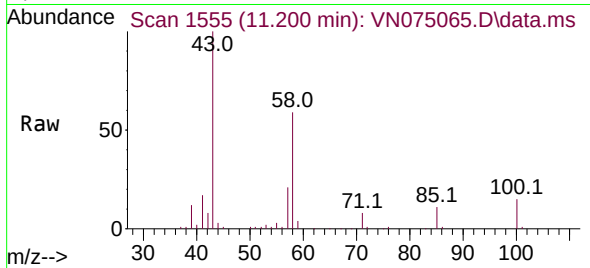
#59
2-Hexanone
Concen: 96.405 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 43 Resp: 132679
Ion Ratio Lower Upper
43 100
58 59.5 29.6 88.8

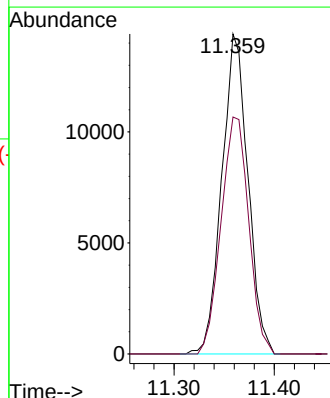
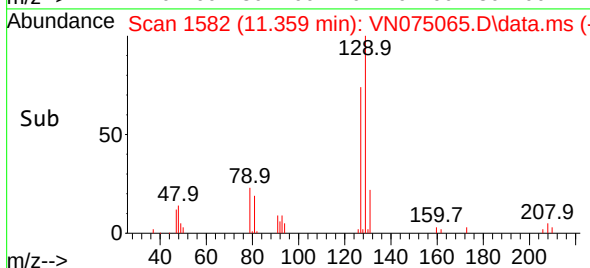
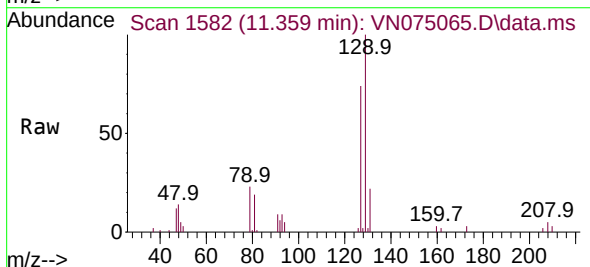
Manual Integrations
APPROVED

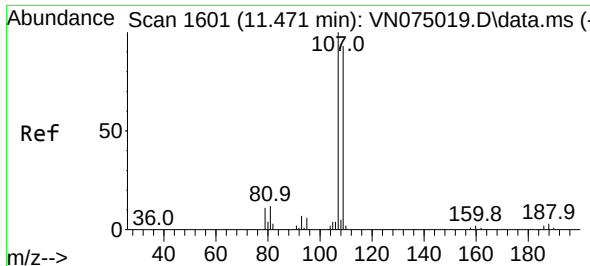
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 18.425 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Tgt Ion:129 Resp: 26060
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8





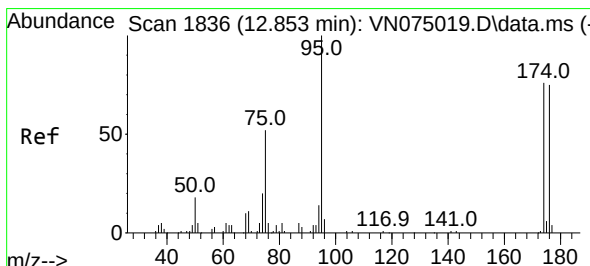
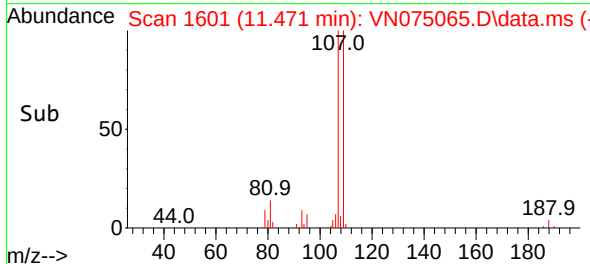
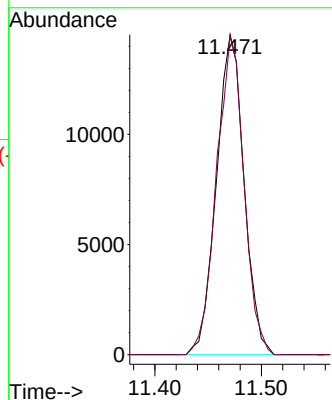
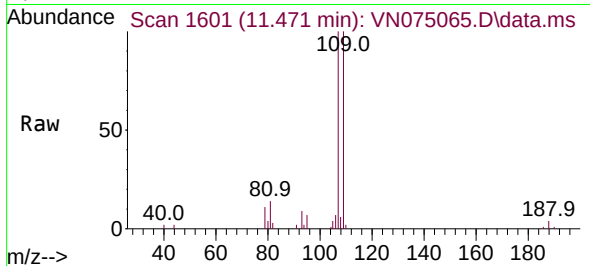
#61
1,2-Dibromoethane
Concen: 19.013 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:107 Resp: 2612
Ion Ratio Lower Upper
107 100
109 98.8 75.6 113.4

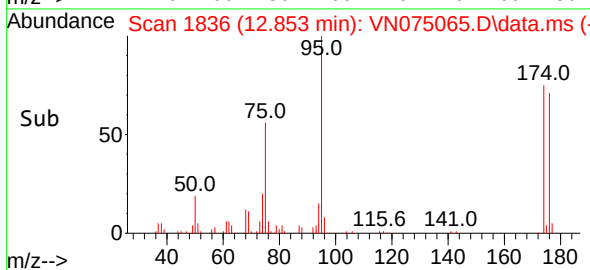
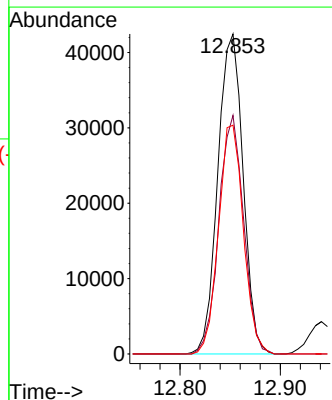
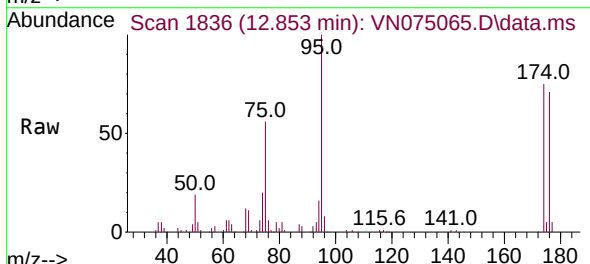
Manual Integrations
APPROVED

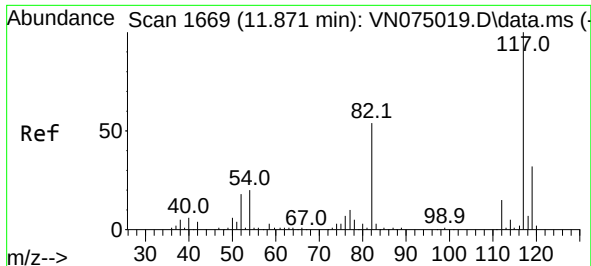
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 50.936 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

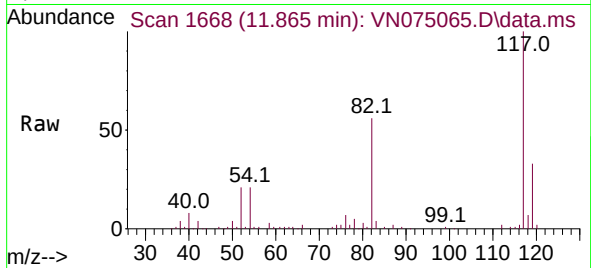
Tgt Ion: 95 Resp: 74071
Ion Ratio Lower Upper
95 100
174 73.0 0.0 147.4
176 70.4 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16679
Delta R.T. -0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

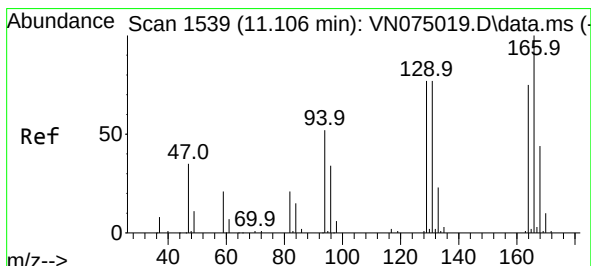
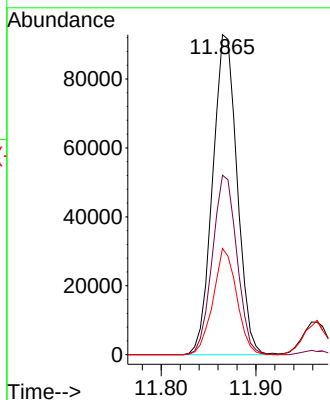
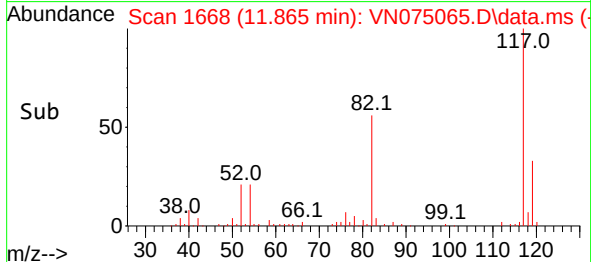
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion:117 Resp: 16679
Ion Ratio Lower Upper
117 100
82 56.1 43.1 64.7
119 33.2 25.5 38.3

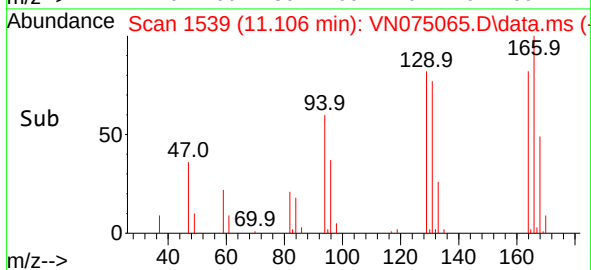
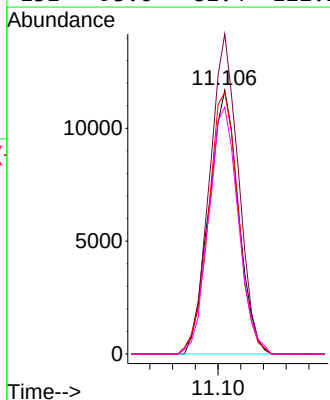
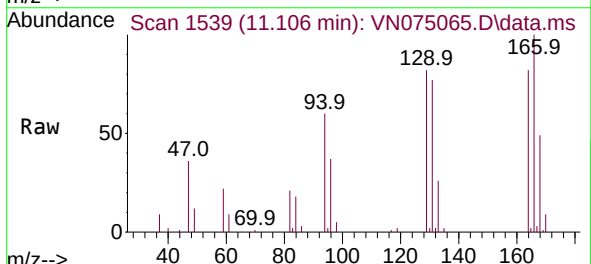
Manual Integrations
APPROVED

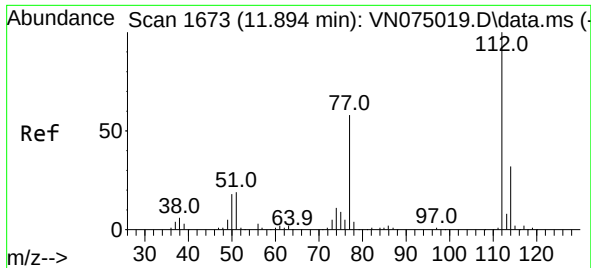
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 20.623 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Tgt Ion:164 Resp: 21089
Ion Ratio Lower Upper
164 100
166 121.4 106.5 159.7
129 99.3 81.9 122.9
131 93.6 81.4 122.2





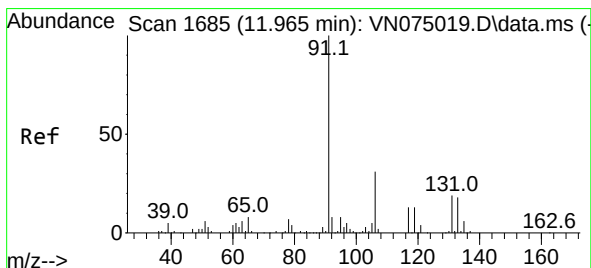
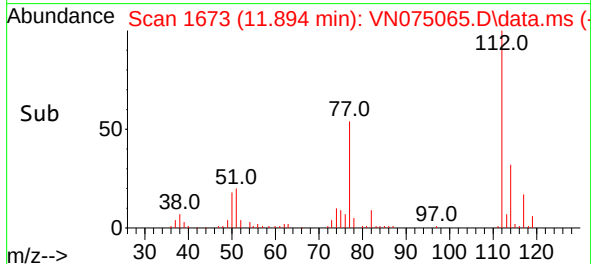
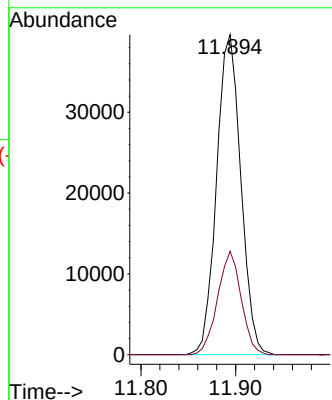
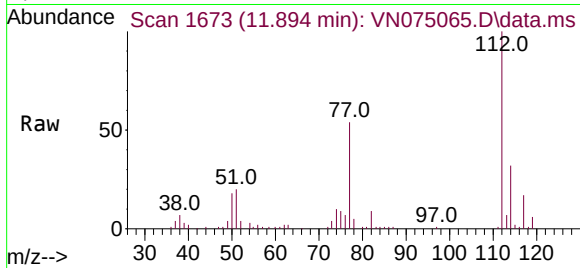
#65
Chlorobenzene
Concen: 19.786 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:112 Resp: 7044
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

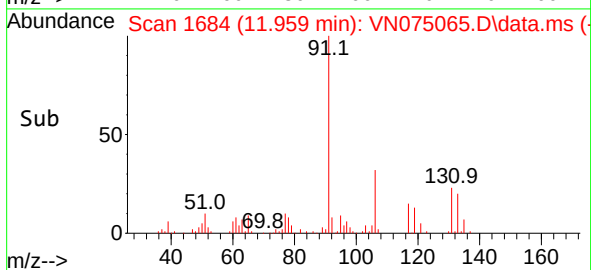
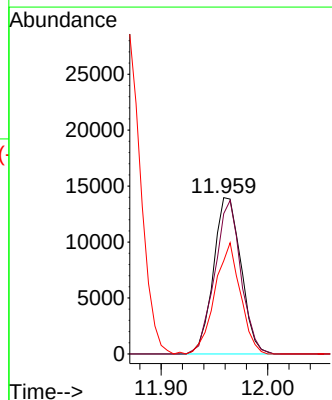
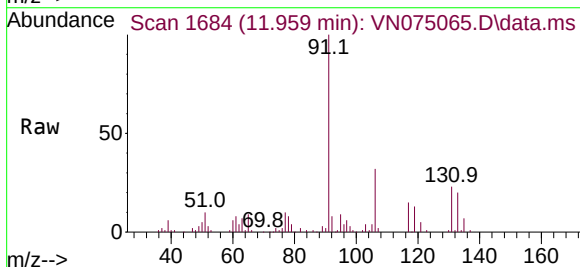
Manual Integrations
APPROVED

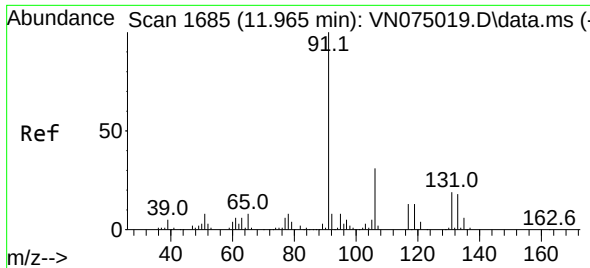
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.988 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

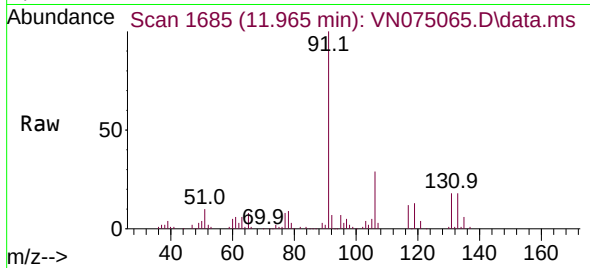
Tgt Ion:131 Resp: 25078
Ion Ratio Lower Upper
131 100
133 92.9 47.8 143.4
119 66.0 33.0 99.0





#67
Ethyl Benzene
Concen: 19.467 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

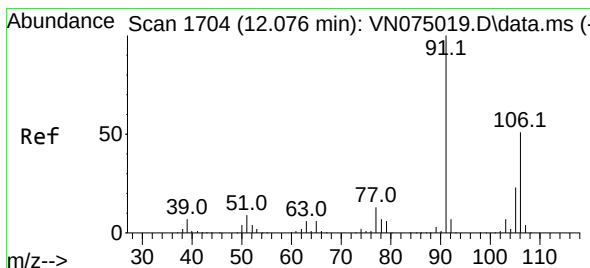
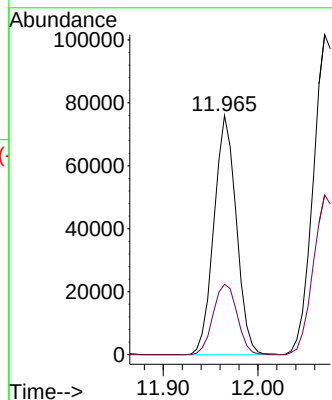
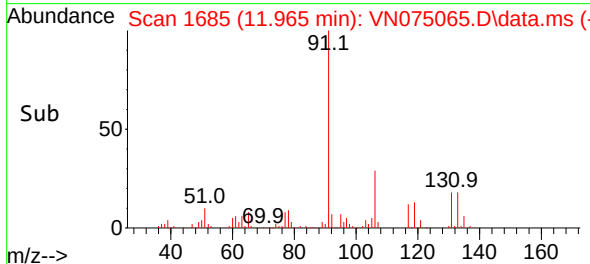
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



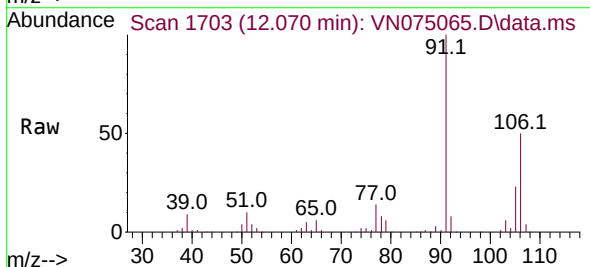
Tgt Ion: 91 Resp: 124692
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3

Manual Integrations
APPROVED

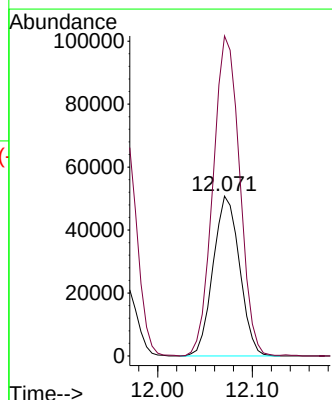
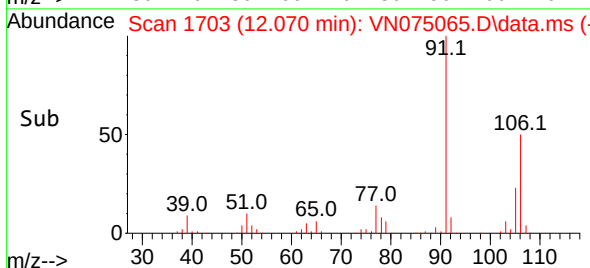
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

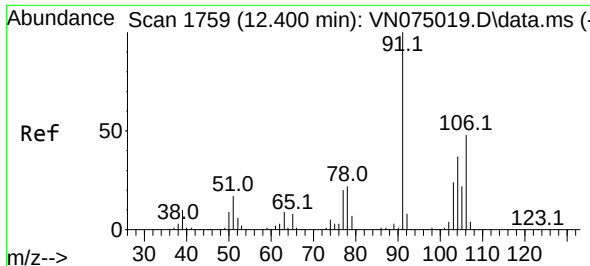


#68
m/p-Xylenes
Concen: 38.361 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00



Tgt Ion:106 Resp: 98594
Ion Ratio Lower Upper
106 100
91 201.5 156.0 234.0





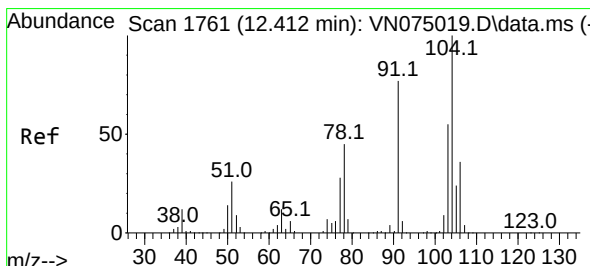
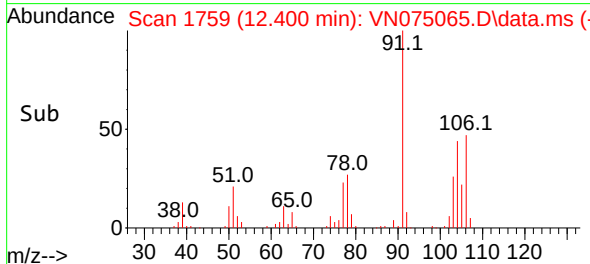
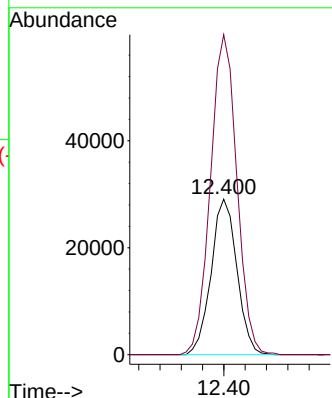
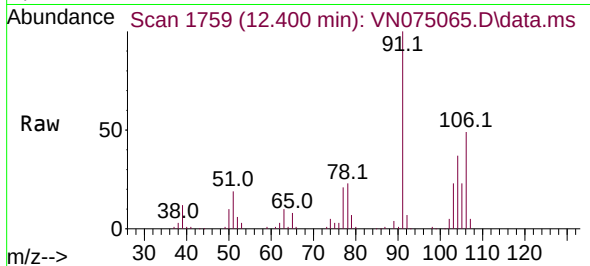
#69
o-Xylene
Concen: 19.219 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:106 Resp: 48850
Ion Ratio Lower Upper
106 100
91 210.5 105.2 315.5

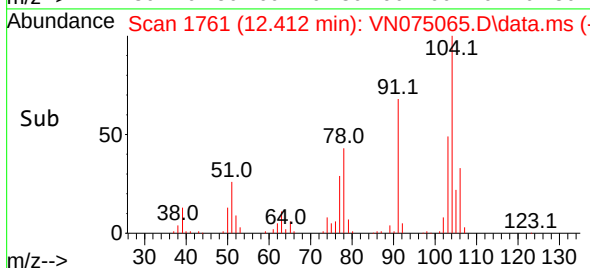
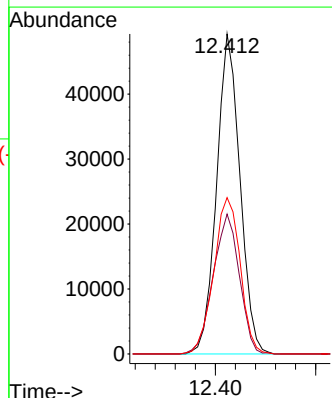
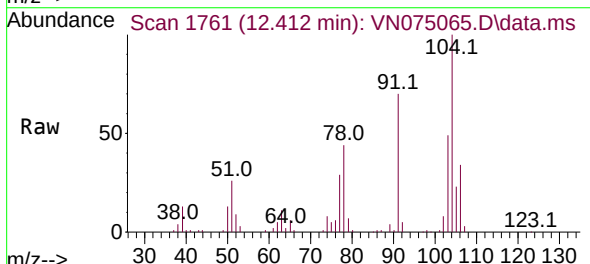
Manual Integrations
APPROVED

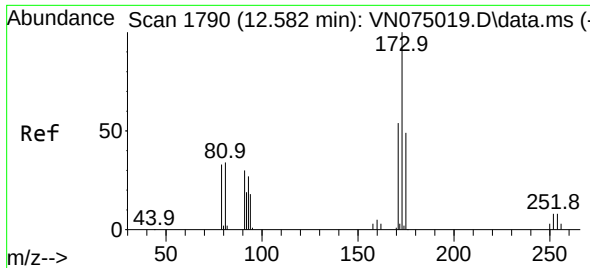
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 19.618 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

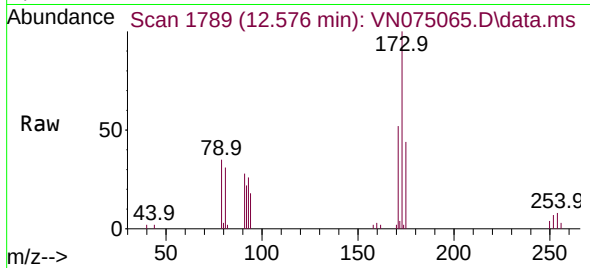
Tgt Ion:104 Resp: 79509
Ion Ratio Lower Upper
104 100
78 49.1 38.1 57.1
103 55.2 44.6 66.8





#71
Bromoform
Concen: 17.451 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

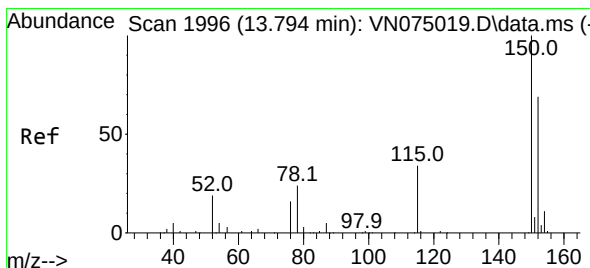
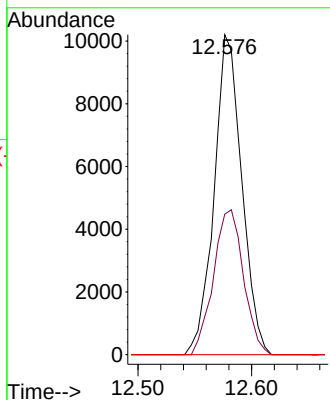
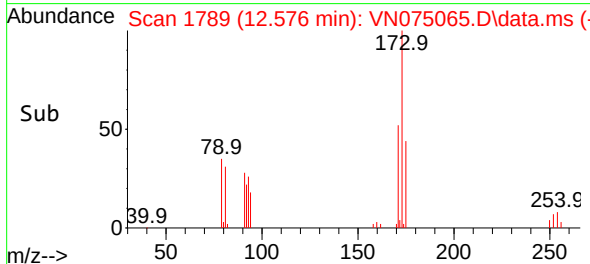
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



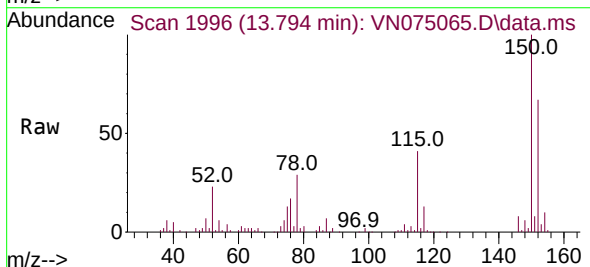
Tgt Ion:173 Resp: 17250
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
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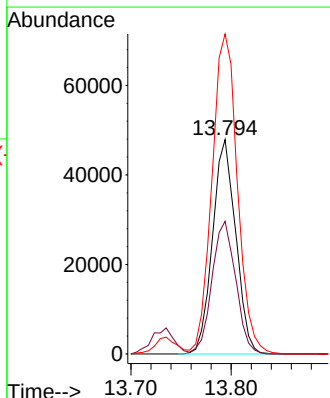
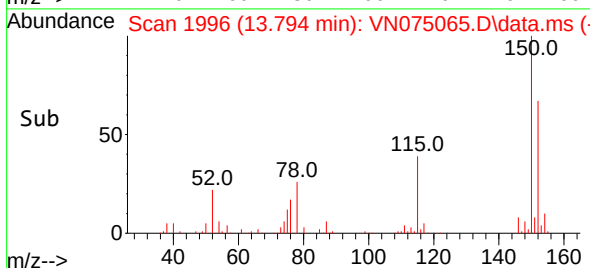
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

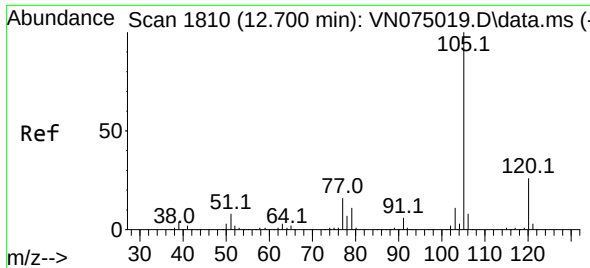


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00



Tgt Ion:152 Resp: 76951
Ion Ratio Lower Upper
152 100
115 63.3 30.2 90.6
150 163.5 0.0 348.4





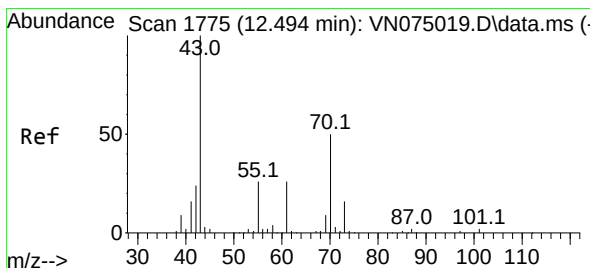
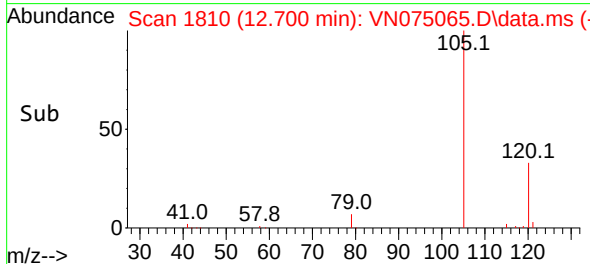
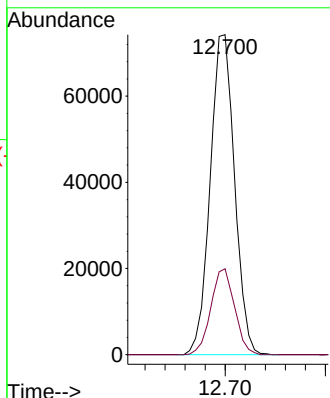
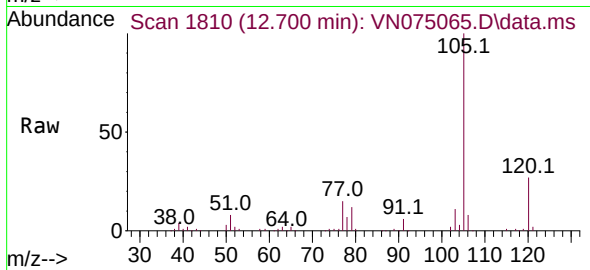
#73
Isopropylbenzene
Concen: 20.271 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:105 Resp: 12523
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

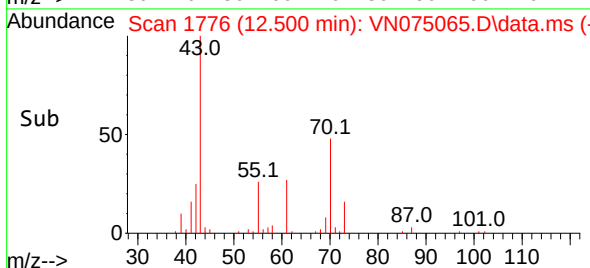
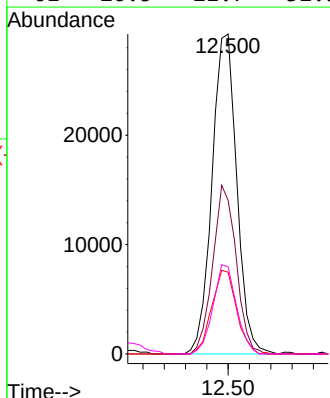
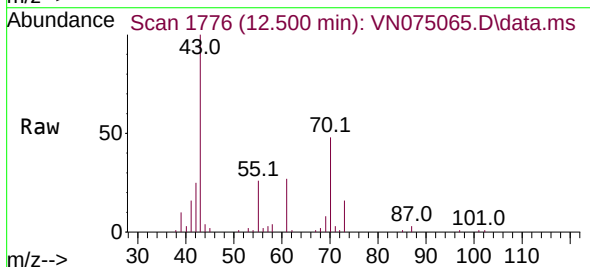
Manual Integrations
APPROVED

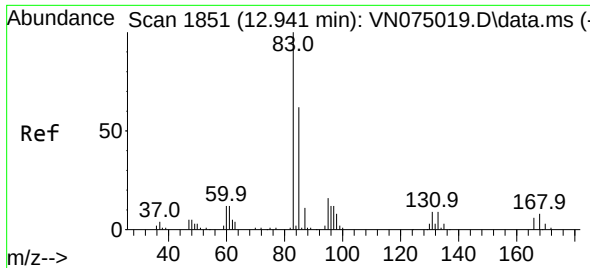
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#74
N-ethyl acetate
Concen: 20.628 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

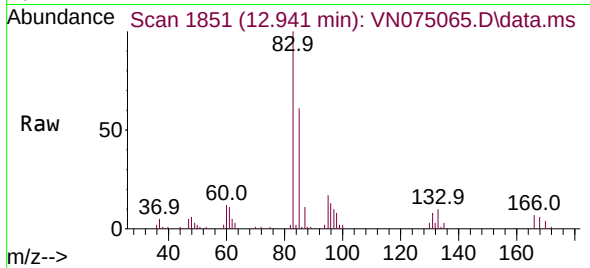
Tgt Ion: 43 Resp: 47131
Ion Ratio Lower Upper
43 100
70 49.9 39.8 59.8
55 26.3 19.9 29.9
61 26.5 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 21.056 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

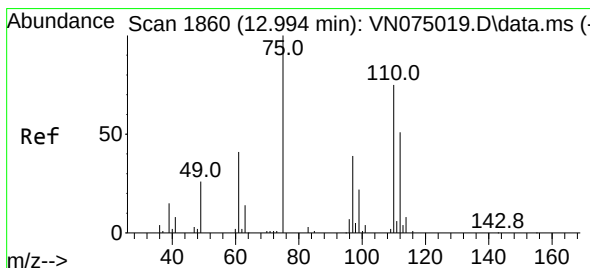
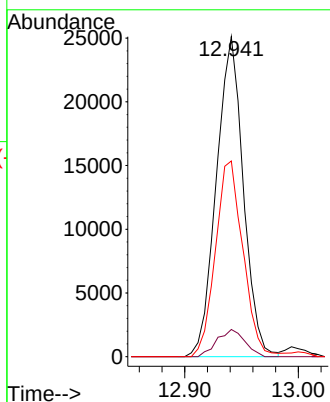
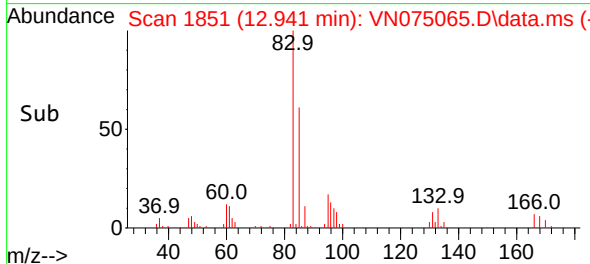
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



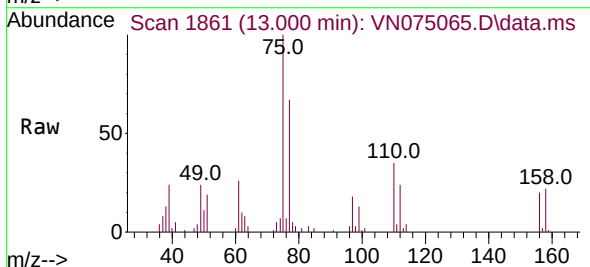
Tgt Ion: 83 Resp: 41464
Ion Ratio Lower Upper
83 100
131 8.7 5.1 15.3
85 62.4 31.6 94.7

Manual Integrations
APPROVED

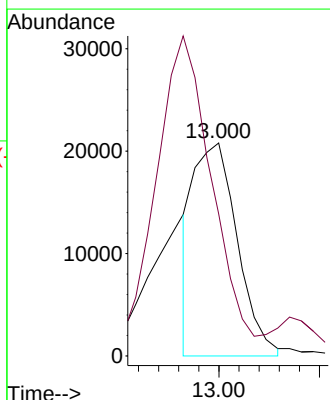
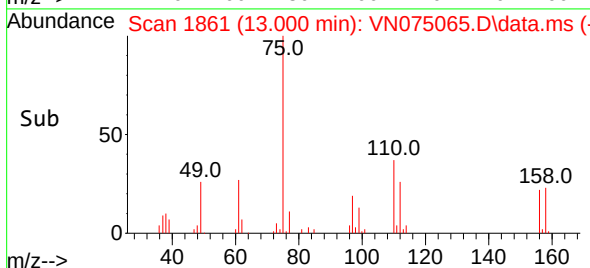
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

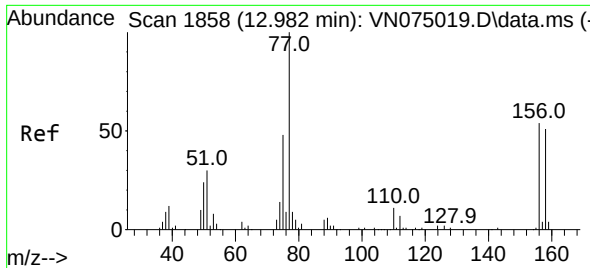


#76
1,2,3-Trichloropropane
Concen: 19.230 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00



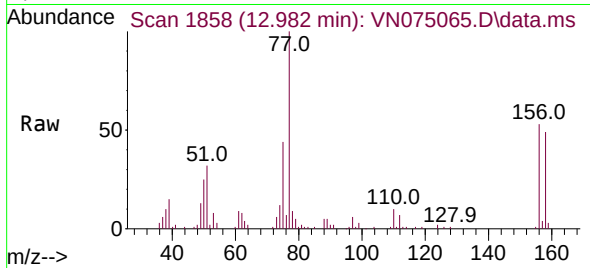
Tgt Ion: 75 Resp: 31420
Ion Ratio Lower Upper
75 100
77 193.6 75.6 226.8





#77
Bromobenzene
Concen: 20.244 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

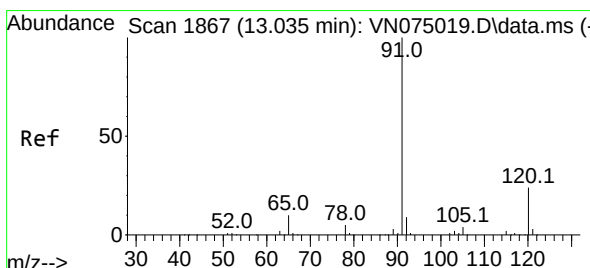
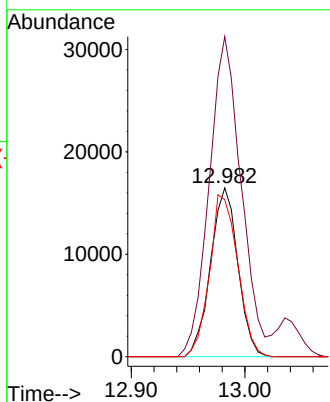
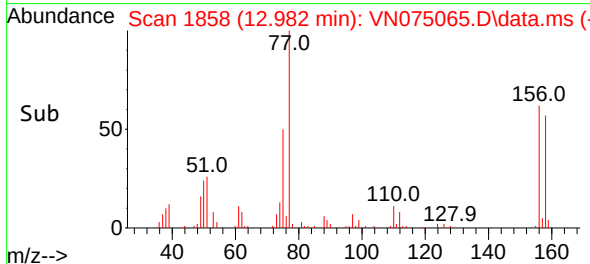
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



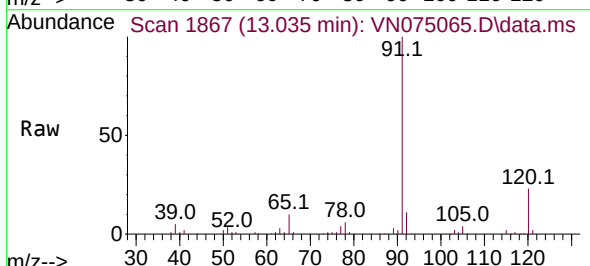
Tgt Ion:156 Resp: 2753
Ion Ratio Lower Upper
156 100
77 220.9 108.5 325.5
158 99.0 47.7 143.1

Manual Integrations
APPROVED

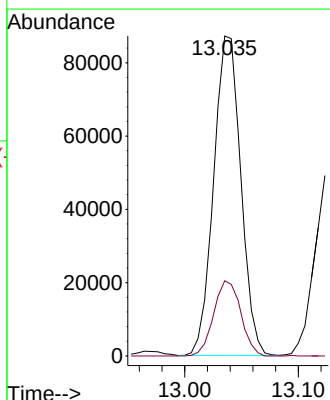
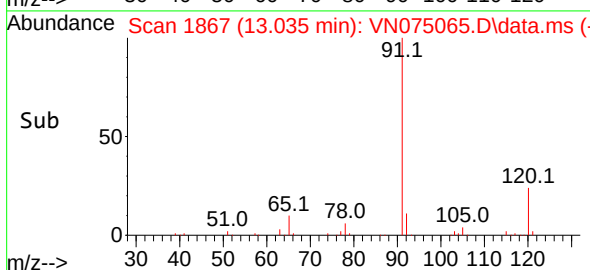
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

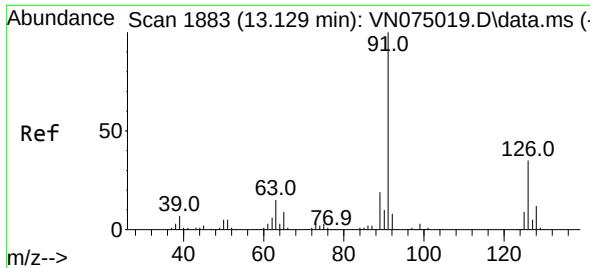


#78
n-propylbenzene
Concen: 20.889 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00



Tgt Ion: 91 Resp: 144888
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5





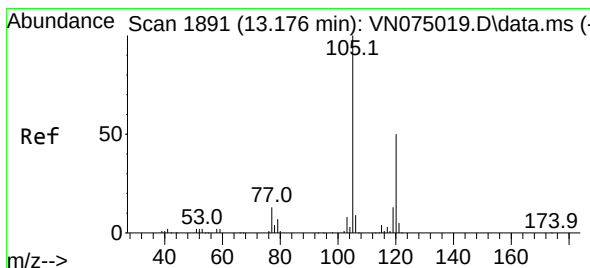
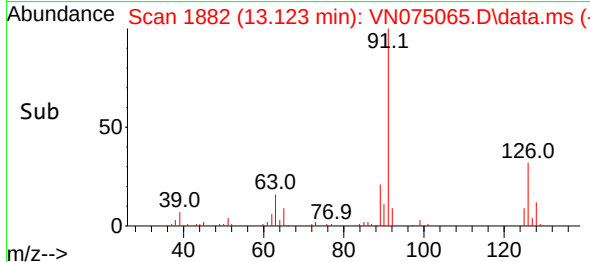
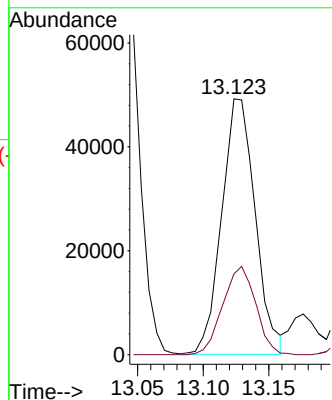
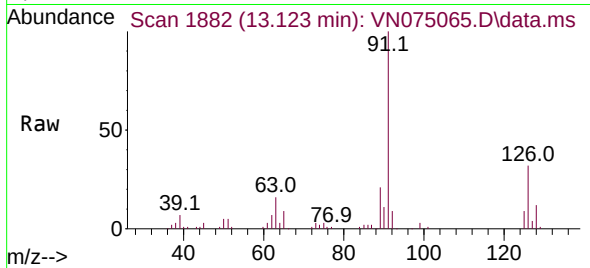
#79
2-Chlorotoluene
Concen: 20.638 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 91 Resp: 87472
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7

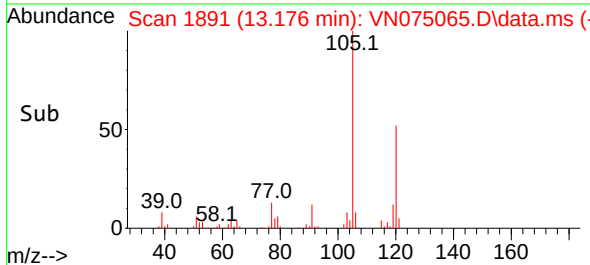
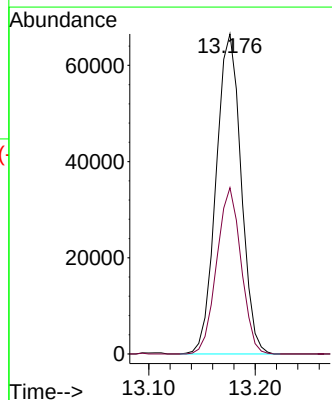
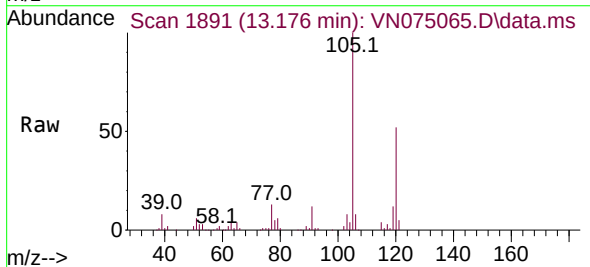
Manual Integrations
APPROVED

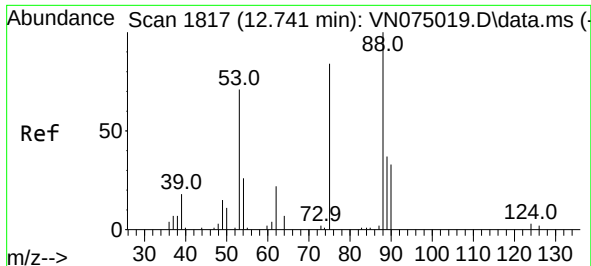
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.876 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

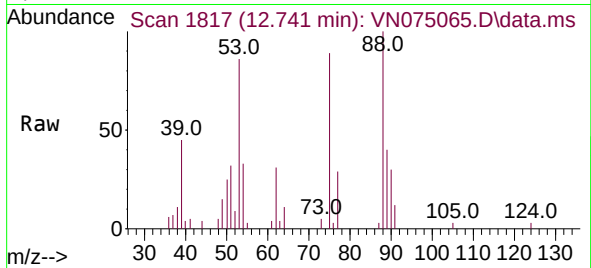
Tgt Ion:105 Resp: 108319
Ion Ratio Lower Upper
105 100
120 50.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.311 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

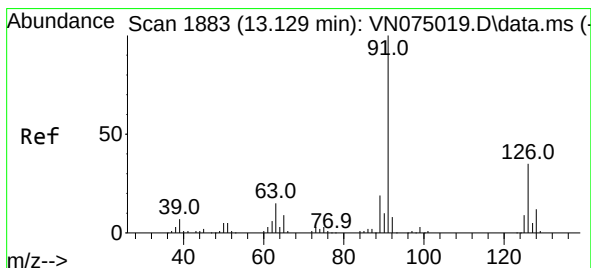
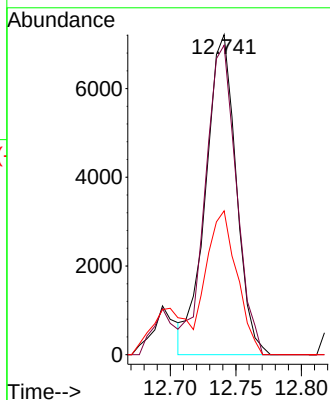
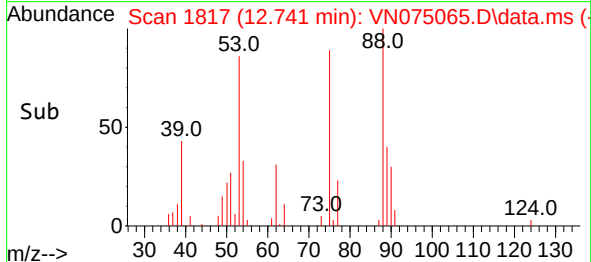
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



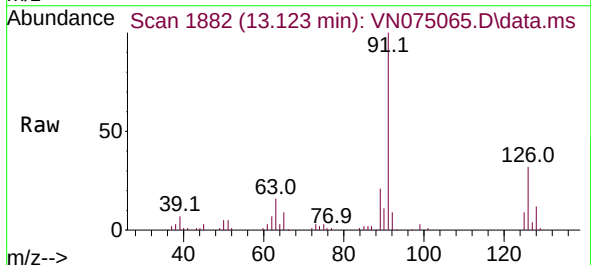
Tgt Ion: 75 Resp: 1165
Ion Ratio Lower Upper
75 100
53 98.6 78.5 117.7
89 44.7 37.7 56.5

Manual Integrations
APPROVED

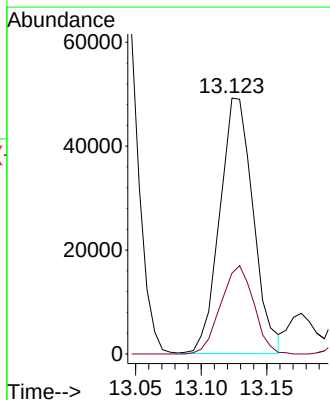
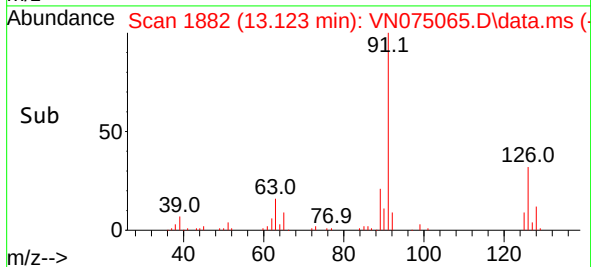
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

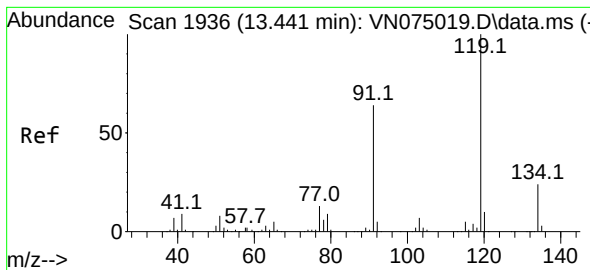


#82
4-Chlorotoluene
Concen: 20.638 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00



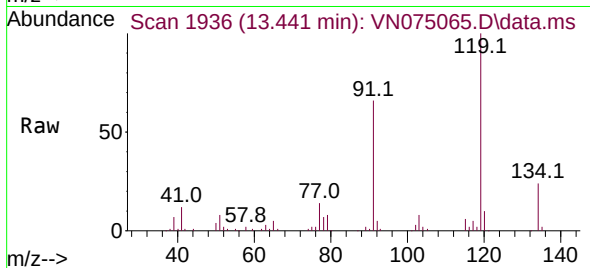
Tgt Ion: 91 Resp: 87472
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7





#83
tert-Butylbenzene
Concen: 20.679 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

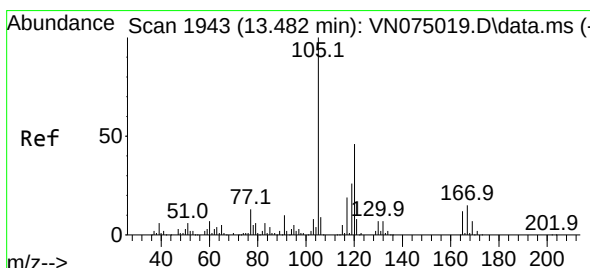
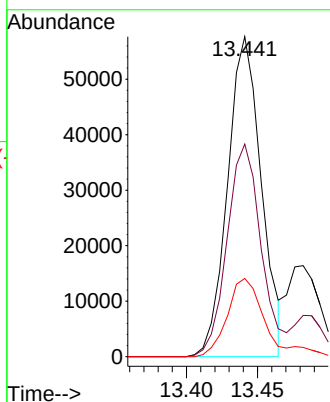
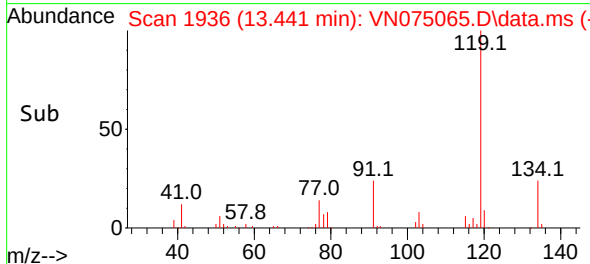
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



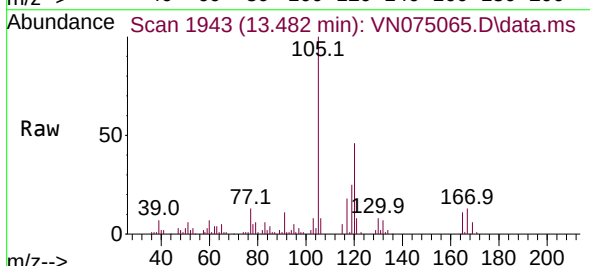
Tgt Ion:119 Resp: 95340
Ion Ratio Lower Upper
119 100
91 67.6 32.8 98.4
134 27.5 12.3 36.9

Manual Integrations
APPROVED

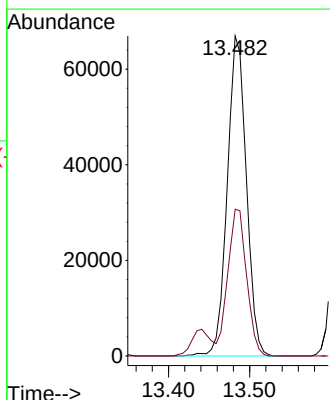
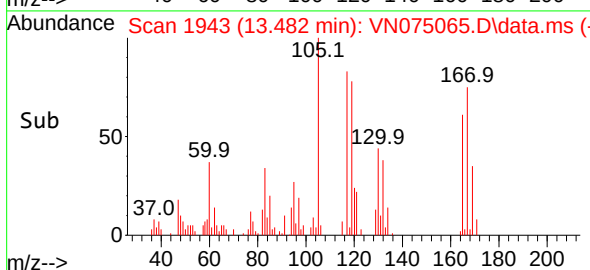
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

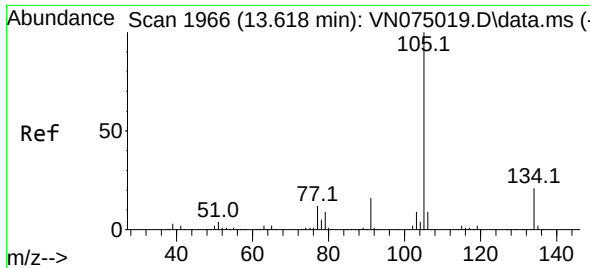


#84
1,2,4-Trimethylbenzene
Concen: 20.810 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00



Tgt Ion:105 Resp: 109249
Ion Ratio Lower Upper
105 100
120 45.1 22.7 68.1





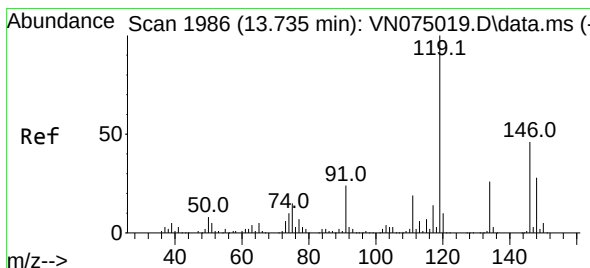
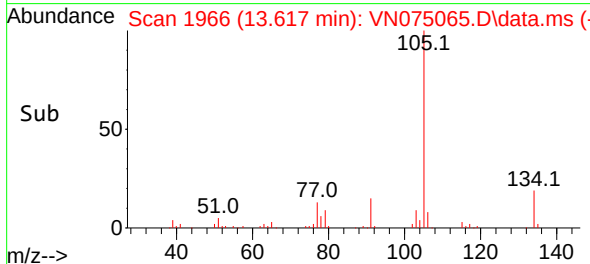
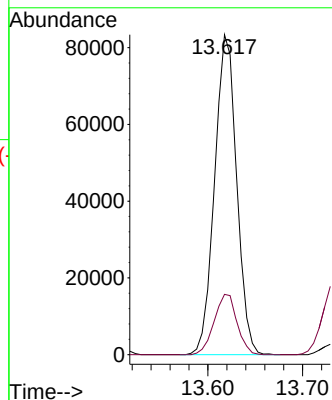
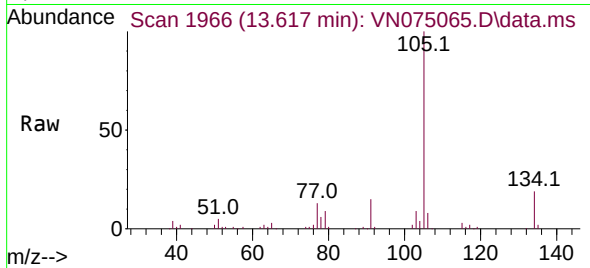
#85
 sec-Butylbenzene
 Concen: 20.886 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075065.D
 Acq: 28 Oct 2022 17:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS02

Tgt Ion:105 Resp: 134709
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.2 30.6

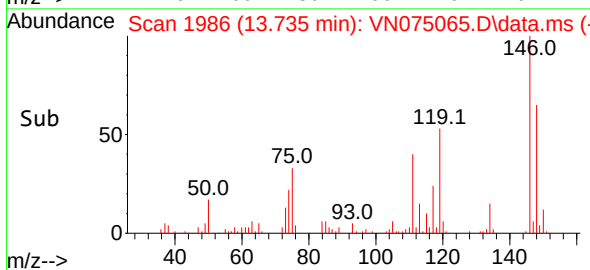
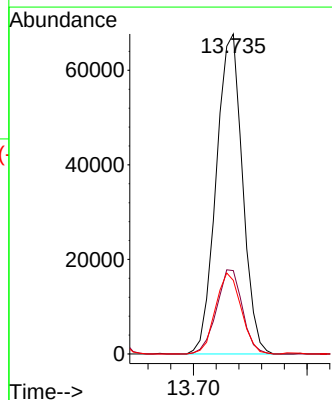
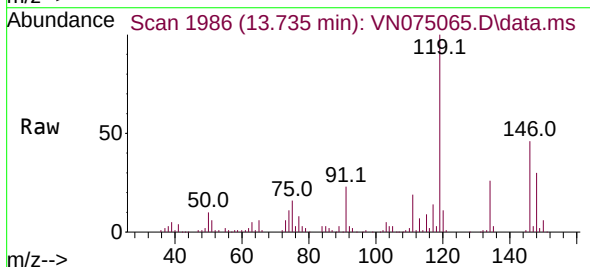
Manual Integrations
 APPROVED

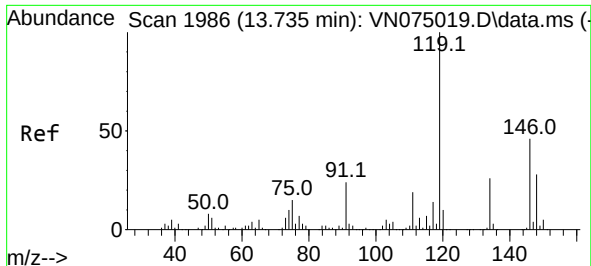
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#86
 p-Isopropyltoluene
 Concen: 20.393 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075065.D
 Acq: 28 Oct 2022 17:00

Tgt Ion:119 Resp: 108629
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 24.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.879 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion:146 Resp: 5294

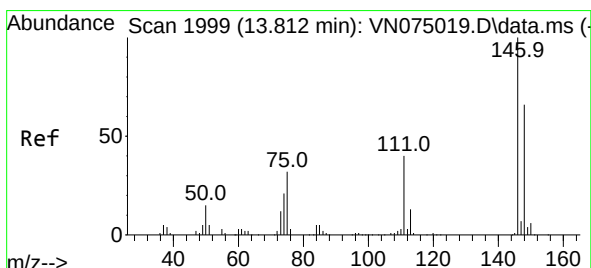
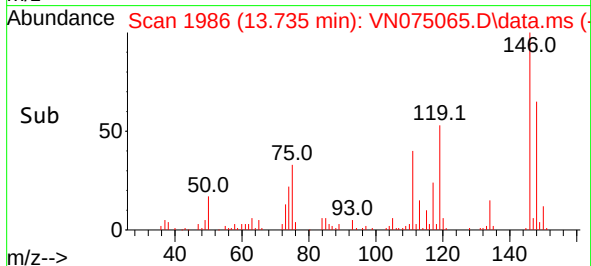
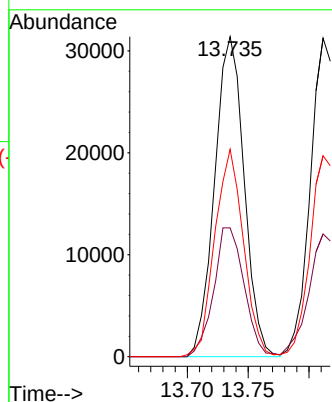
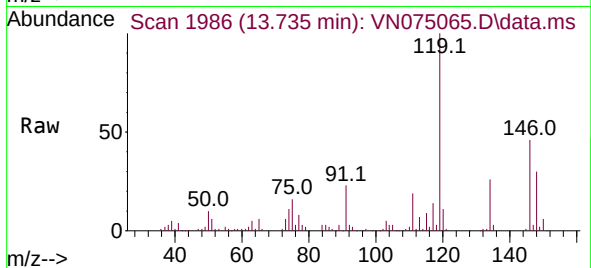
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.5
148	63.0	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,4-Dichlorobenzene

Concen: 19.896 ug/l

RT: 13.812 min Scan# 1999

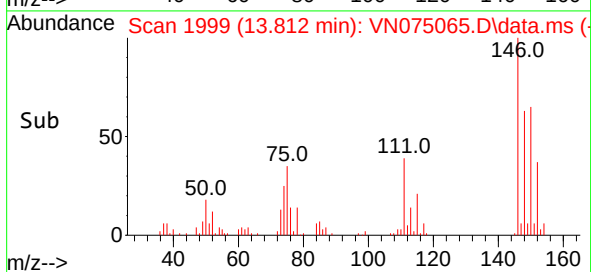
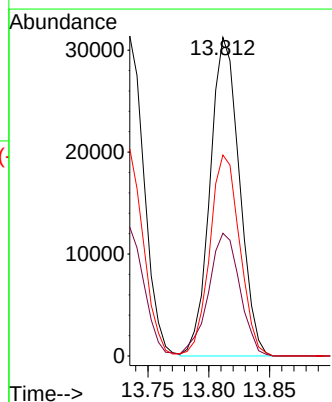
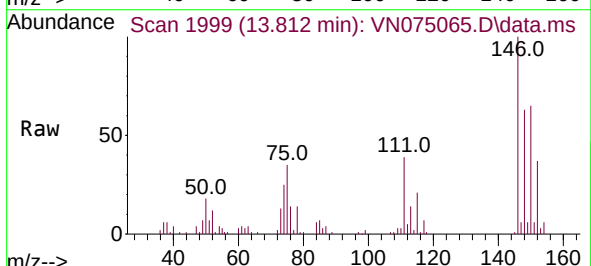
Delta R.T. -0.000 min

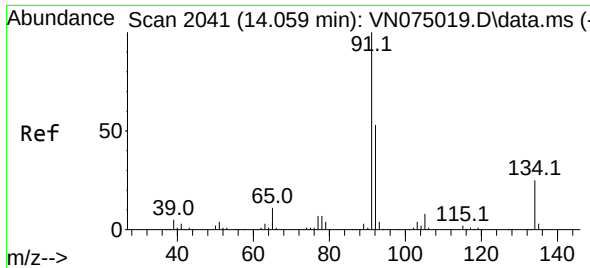
Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Tgt Ion:146 Resp: 52443

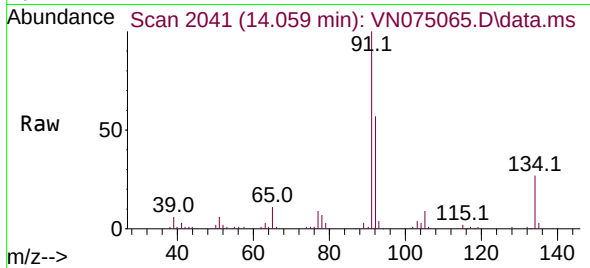
Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.3
148	64.4	31.9	95.7





#89
n-Butylbenzene
Concen: 20.420 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

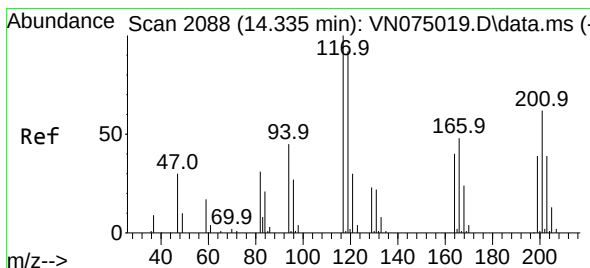
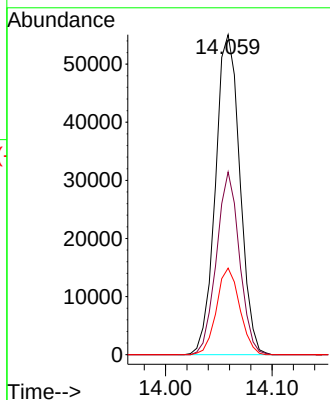
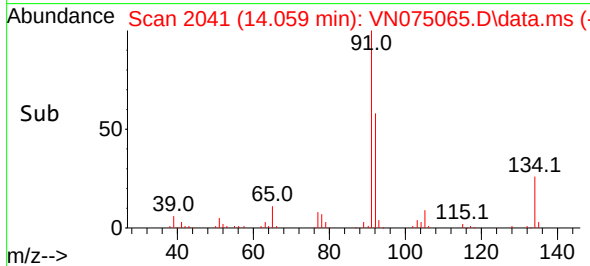
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 91 Resp: 87590
Ion Ratio Lower Upper
91 100
92 53.7 26.5 79.4
134 25.8 13.0 39.0

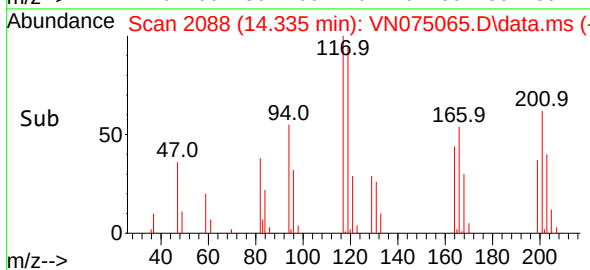
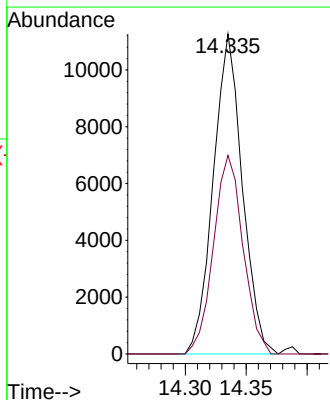
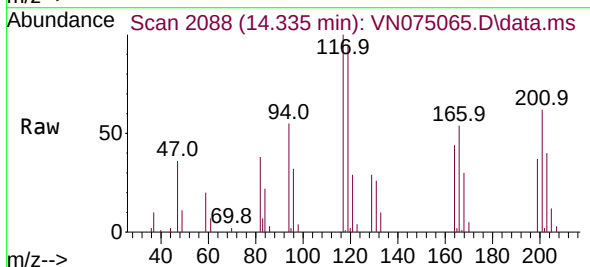
Manual Integrations
APPROVED

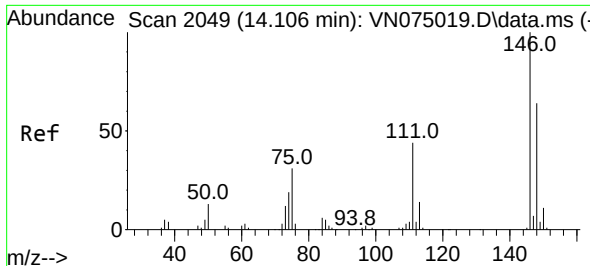
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 19.132 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

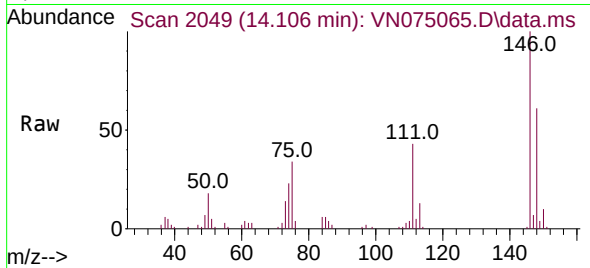
Tgt Ion:117 Resp: 18685
Ion Ratio Lower Upper
117 100
201 63.2 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 19.240 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

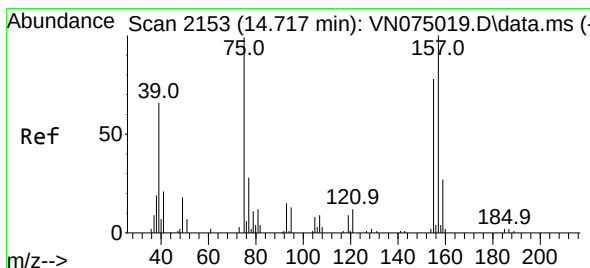
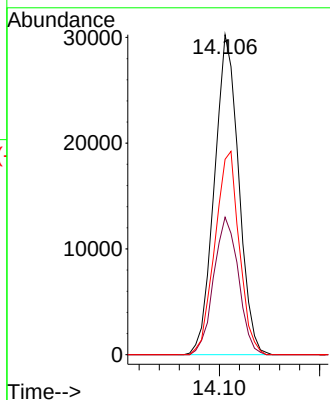
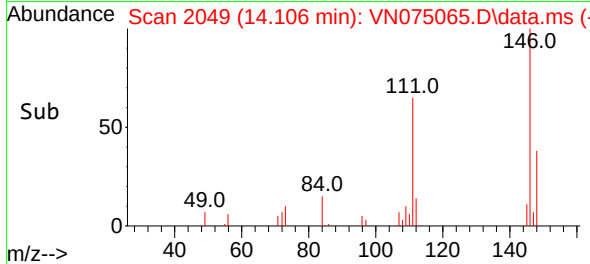
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



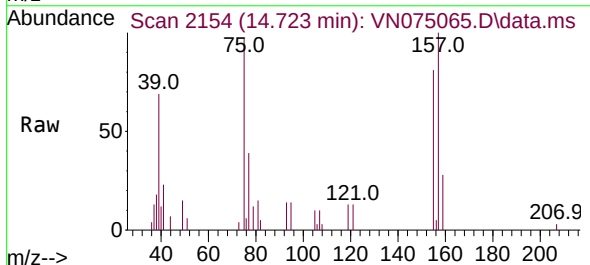
Tgt Ion:146 Resp: 50944
Ion Ratio Lower Upper
146 100
111 43.7 21.3 63.9
148 63.8 31.4 94.2

Manual Integrations
APPROVED

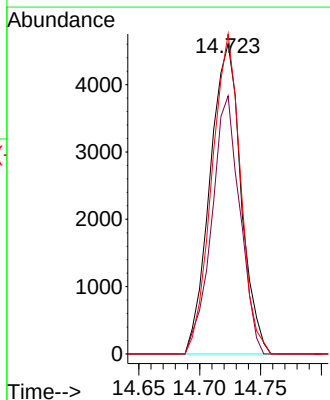
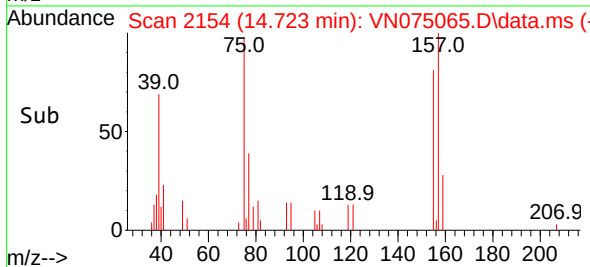
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

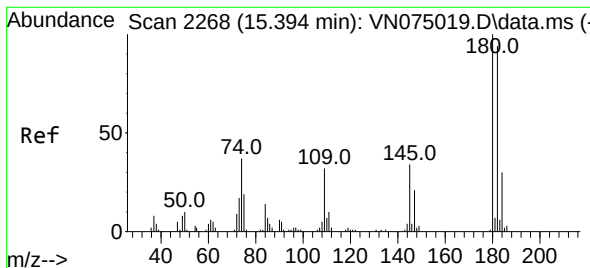


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.582 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00



Tgt Ion: 75 Resp: 8160
Ion Ratio Lower Upper
75 100
155 75.8 42.1 126.3
157 95.0 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 19.507 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

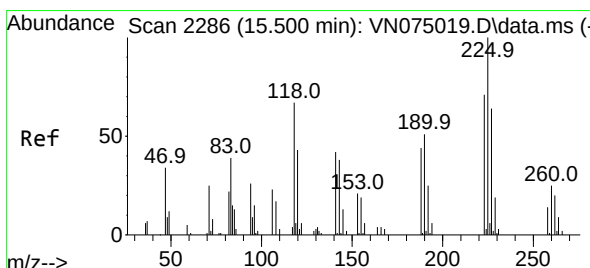
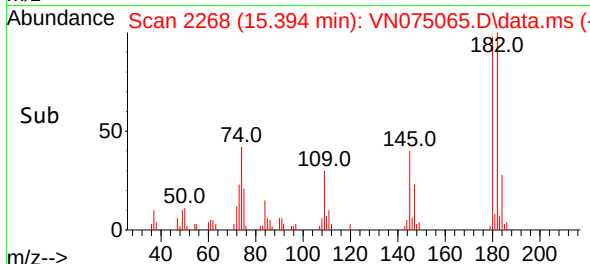
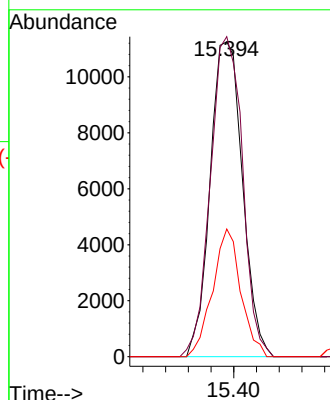
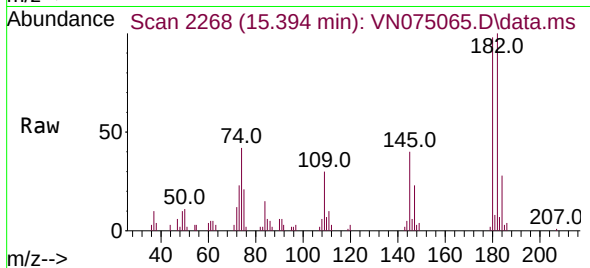
Tgt Ion:	180	Resp:	2222
Ion Ratio	Lower	Upper	
180	100		
182	100.7	47.8	143.4
145	35.5	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#94

Hexachlorobutadiene

Concen: 19.102 ug/l

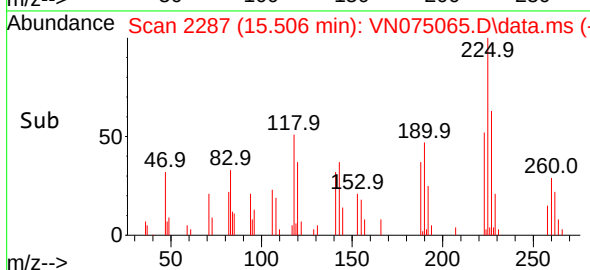
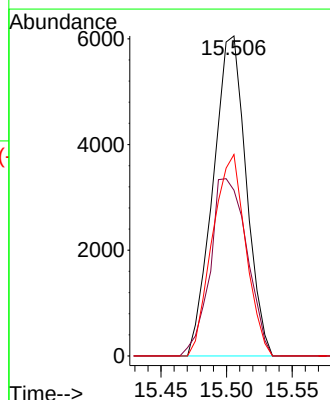
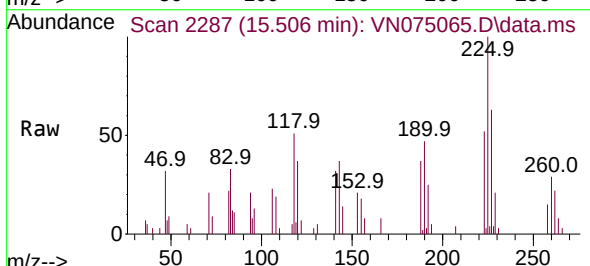
RT: 15.506 min Scan# 2287

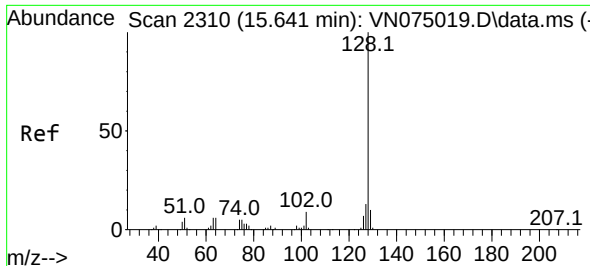
Delta R.T. 0.006 min

Lab File: VN075065.D

Acq: 28 Oct 2022 17:00

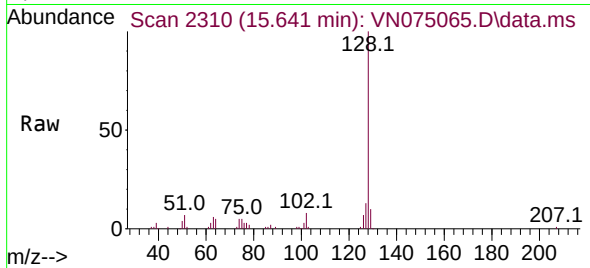
Tgt Ion:	225	Resp:	10610
Ion Ratio	Lower	Upper	
225	100		
223	61.8	32.3	96.9
227	63.4	32.0	96.2





#95
Naphthalene
Concen: 20.173 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

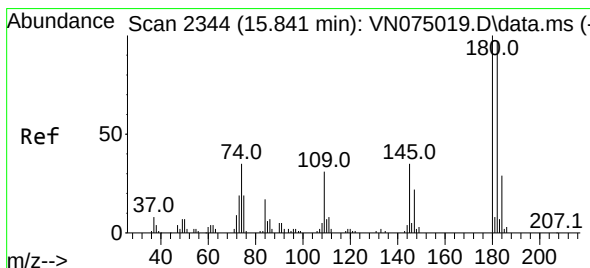
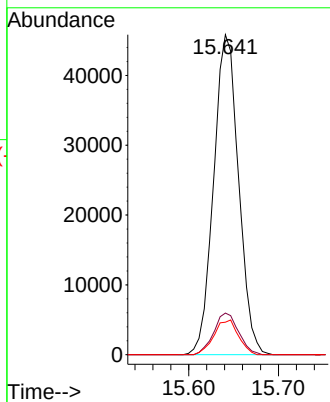
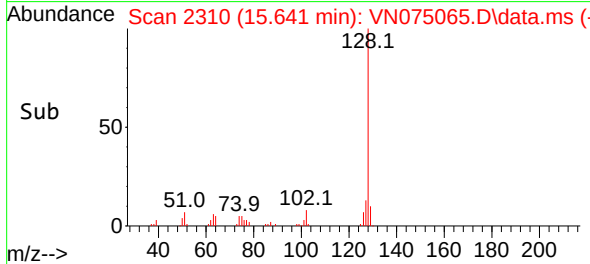
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion:128 Resp: 88390
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.595 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075065.D
Acq: 28 Oct 2022 17:00

Tgt Ion:180 Resp: 23315
Ion Ratio Lower Upper
180 100
182 92.8 47.3 141.8
145 33.8 17.6 52.9

