

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075241.D
 Acq On : 11 Nov 2022 12:19
 Operator : JC\MD
 Sample : VN1111MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2022
 Supervised By : Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 03:43:42 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	112432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	200122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	182574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71713	47.339	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.680%		
35) Dibromofluoromethane	8.171	113	62014	52.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.580%		
50) Toluene-d8	10.571	98	223530	49.042	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.080%		
62) 4-Bromofluorobenzene	12.853	95	82012	51.221	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	25380	17.353	ug/l	99
3) Chloromethane	2.371	50	25951	16.704	ug/l	99
4) Vinyl Chloride	2.524	62	37460	16.902	ug/l	96
5) Bromomethane	2.918	94	34580	18.760	ug/l	92
6) Chloroethane	3.101	64	27158	17.089	ug/l	97
7) Trichlorofluoromethane	3.495	101	45329	20.021	ug/l	99
8) Diethyl Ether	3.971	74	15792	19.123	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	25139	20.106	ug/l	97
10) Methyl Iodide	4.595	142	36817	19.779	ug/l	99
11) Tert butyl alcohol	5.542	59	28614	80.996	ug/l	100
12) 1,1-Dichloroethene	4.348	96	24465	20.528	ug/l	82
13) Acrolein	4.195	56	18093	62.614	ug/l	100
14) Allyl chloride	5.030	41	31996m	18.382	ug/l	
15) Acrylonitrile	5.730	53	67856	90.927	ug/l	99
16) Acetone	4.442	43	61610	96.049	ug/l #	88
17) Carbon Disulfide	4.718	76	56216	18.757	ug/l	96
18) Methyl Acetate	5.042	43	39131	18.676	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	83492	18.849	ug/l	99
20) Methylene Chloride	5.283	84	29314	20.497	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	26256	20.121	ug/l	96
22) Diisopropyl ether	6.677	45	71116	18.513	ug/l	99
23) Vinyl Acetate	6.612	43	287418m	89.603	ug/l	
24) 1,1-Dichloroethane	6.583	63	47092	19.384	ug/l	97
25) 2-Butanone	7.494	43	92216	91.400	ug/l	100
26) 2,2-Dichloropropane	7.494	77	42936	19.211	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	31511	20.221	ug/l	95
28) Bromochloromethane	7.818	49	19016	18.568	ug/l	93
29) Tetrahydrofuran	7.841	42	57974	88.923	ug/l	99
30) Chloroform	7.971	83	52130	19.763	ug/l	100
31) Cyclohexane	8.259	56	42906	19.043	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	47620	19.880	ug/l	93
36) 1,1-Dichloropropene	8.377	75	38303	21.059	ug/l	98
37) Ethyl Acetate	7.571	43	36558	18.328	ug/l #	79
38) Carbon Tetrachloride	8.365	117	42151	21.068	ug/l	94
39) Methylcyclohexane	9.606	83	48499	20.198	ug/l	95
40) Benzene	8.612	78	115811	20.796	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	17968	18.802	ug/l	99
42) 1,2-Dichloroethane	8.671	62	40281	19.881	ug/l	98
43) Isopropyl Acetate	8.694	43	56970	18.413	ug/l	98
44) Trichloroethene	9.353	130	30970	22.166	ug/l	99
45) 1,2-Dichloropropane	9.624	63	27732	20.925	ug/l	97
46) Dibromomethane	9.712	93	21109	20.444	ug/l	97
47) Bromodichloromethane	9.888	83	40285	20.147	ug/l	96
48) Methyl methacrylate	9.682	41	25937	18.275	ug/l	98
49) 1,4-Dioxane	9.700	88	14707	395.722	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	184232	92.274	ug/l	98
52) Toluene	10.629	92	77374	20.784	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	41229	19.535	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	45615	20.378	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	30327	20.546	ug/l	97
56) Ethyl methacrylate	10.876	69	43099	19.142	ug/l	98
57) 1,3-Dichloropropane	11.165	76	51192	20.825	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	83251	95.641	ug/l	100
59) 2-Hexanone	11.200	43	135590	89.479	ug/l	98
60) Dibromochloromethane	11.359	129	31055	19.941	ug/l	97
61) 1,2-Dibromoethane	11.471	107	32026	21.171	ug/l	97
64) Tetrachloroethene	11.106	164	29226	26.110	ug/l	94
65) Chlorobenzene	11.894	112	81614	20.942	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	30731	21.257	ug/l	100
67) Ethyl Benzene	11.965	91	143733	20.500	ug/l	100
68) m/p-Xylenes	12.071	106	117871	41.897	ug/l	99
69) o-Xylene	12.400	106	56860	20.437	ug/l	99
70) Styrene	12.412	104	93051	20.975	ug/l	98
71) Bromoform	12.576	173	21387	19.760	ug/l #	98
73) Isopropylbenzene	12.694	105	148788	20.113	ug/l	100
74) N-amyl acetate	12.494	43	48333	17.666	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	46289	19.357	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	39179m	20.025	ug/l	
77) Bromobenzene	12.982	156	33464	20.545	ug/l	98
78) n-propylbenzene	13.035	91	171985	20.707	ug/l	98
79) 2-Chlorotoluene	13.123	91	104089	20.509	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	128149	20.625	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	13027	17.092	ug/l	93
82) 4-Chlorotoluene	13.123	91	104089	20.509	ug/l	99
83) tert-Butylbenzene	13.441	119	111294	20.159	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	131660	20.943	ug/l	100
85) sec-Butylbenzene	13.617	105	160084	20.727	ug/l	99
86) p-Isopropyltoluene	13.729	119	132707	20.805	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	67500	21.165	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	66238	20.986	ug/l	98
89) n-Butylbenzene	14.059	91	107092	20.849	ug/l	99
90) Hexachloroethane	14.335	117	21967	18.783	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	65177	20.557	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8867	17.770	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	30216	22.147	ug/l	98
94) Hexachlorobutadiene	15.500	225	15569	23.408	ug/l	95
95) Naphthalene	15.641	128	104350	19.889	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	29206	21.544	ug/l	97

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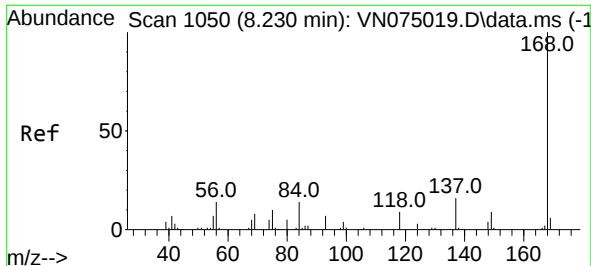
Manual Integrations
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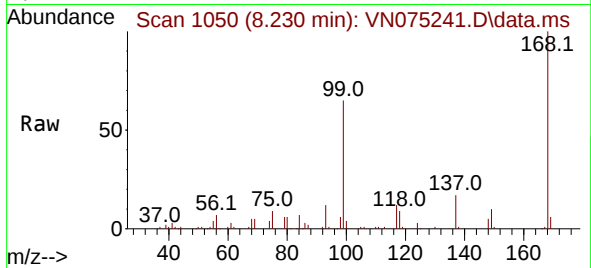
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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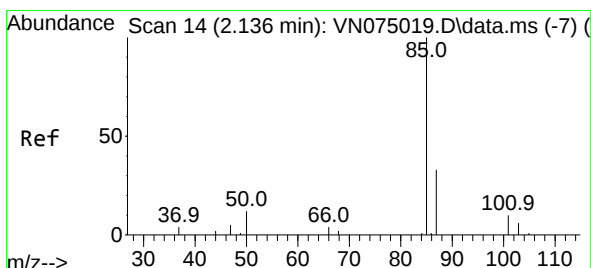
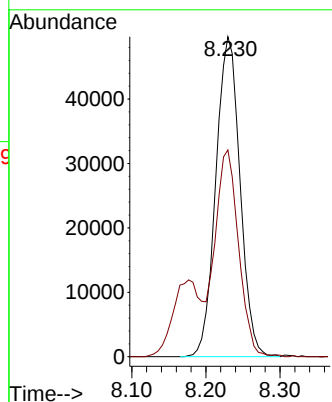
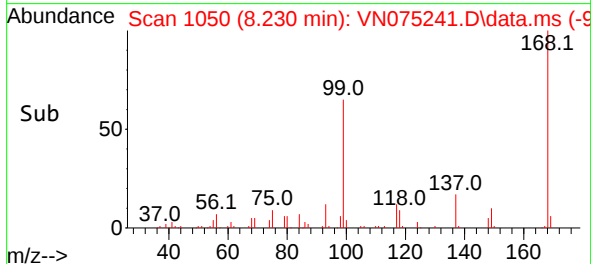
Instrument :
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VN1111MBS01



Tgt Ion:168 Resp: 11243
Ion Ratio Lower Upper
168 100
99 64.2 51.6 77.4

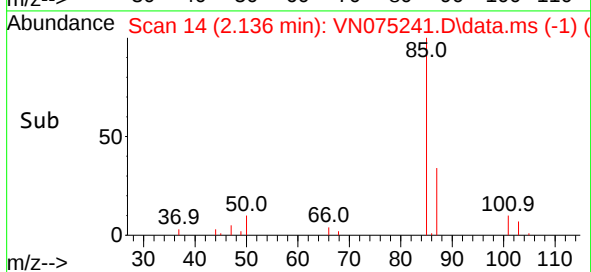
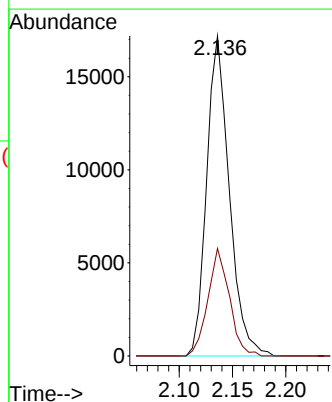
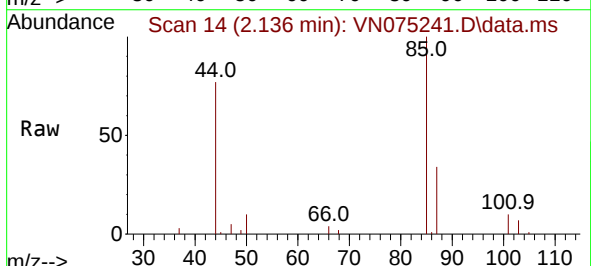
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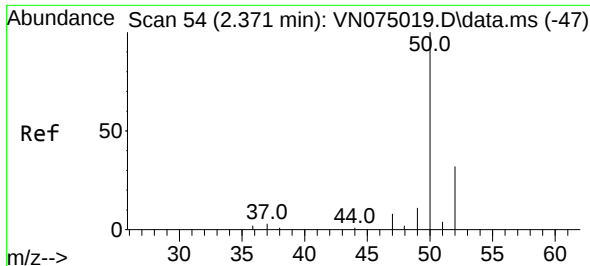
Reviewed By :John Carlone 11/14/2022
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#2
Dichlorodifluoromethane
Concen: 17.353 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion: 85 Resp: 25380
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.0





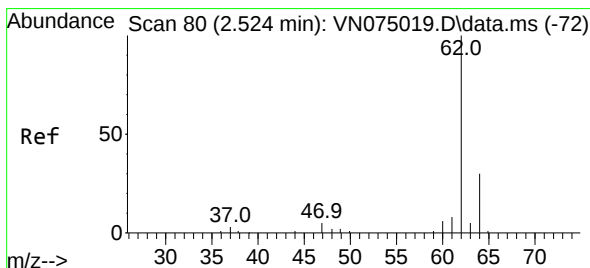
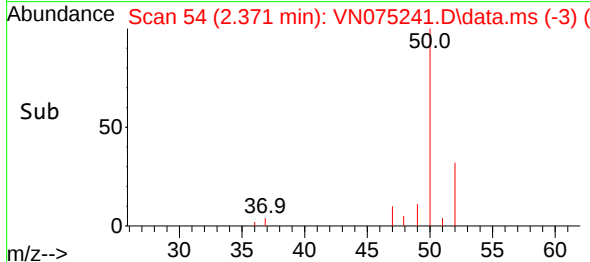
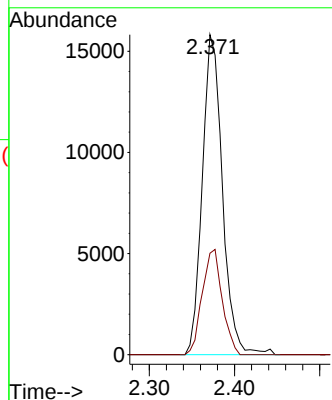
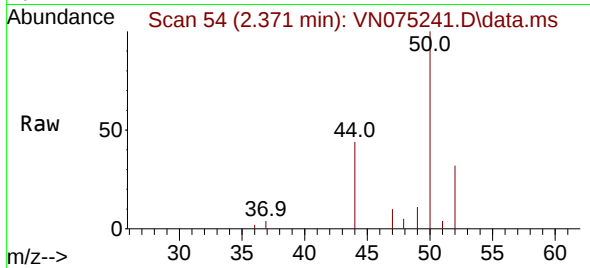
#3
Chloromethane
Concen: 16.704 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

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Tgt Ion: 50 Resp: 2595
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.6

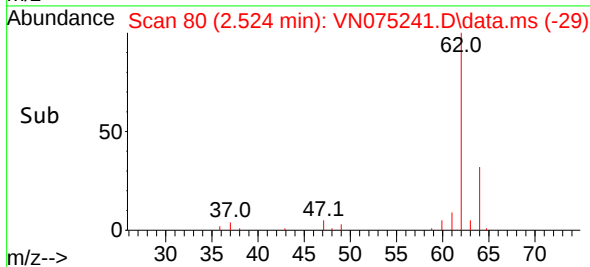
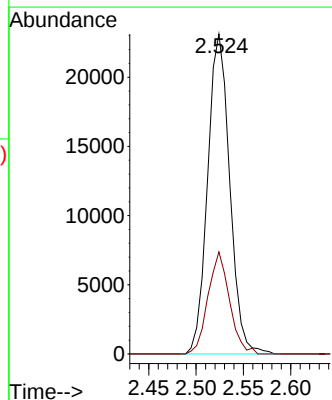
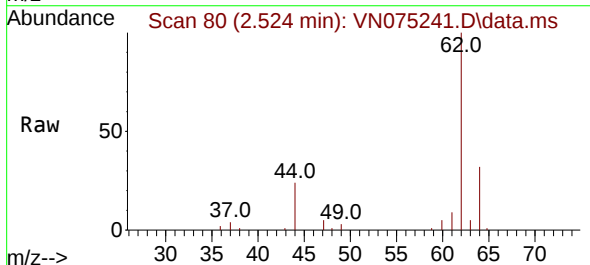
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#4
Vinyl Chloride
Concen: 16.902 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

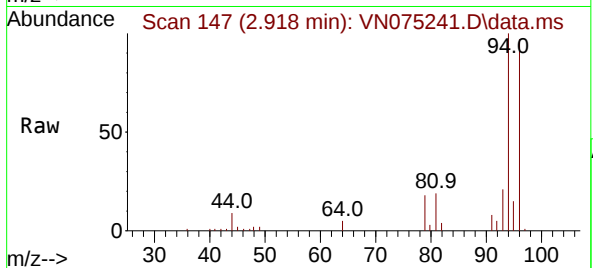
Tgt Ion: 62 Resp: 37460
Ion Ratio Lower Upper
62 100
64 31.9 24.0 36.0





#5
Bromomethane
Concen: 18.760 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

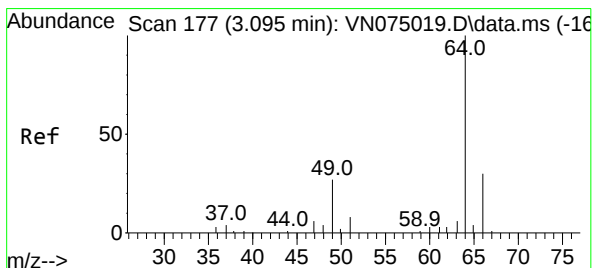
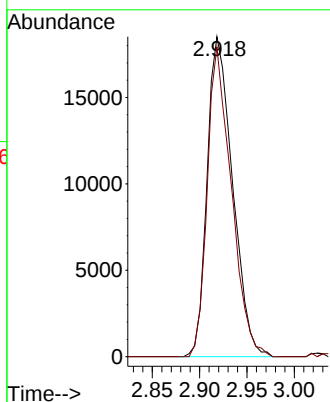
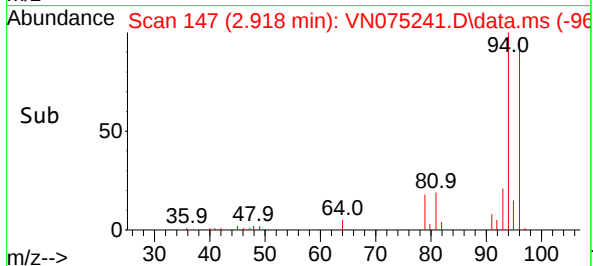
Instrument :
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Tgt Ion: 94 Resp: 34580
Ion Ratio Lower Upper
94 100
96 96.8 71.8 107.6

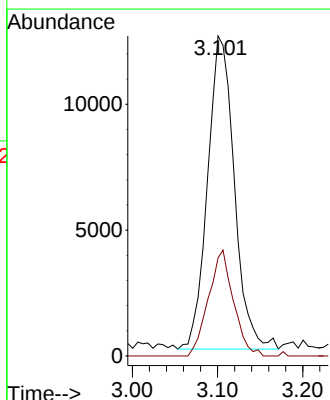
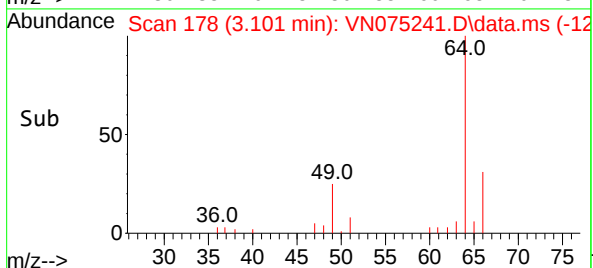
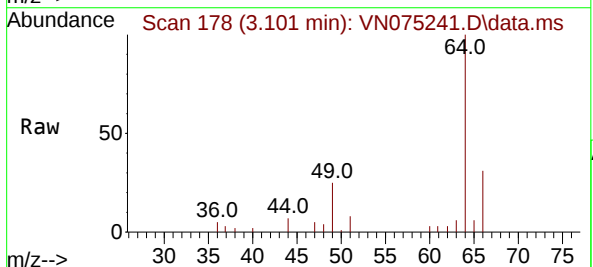
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#6
Chloroethane
Concen: 17.089 ug/l
RT: 3.101 min Scan# 178
Delta R.T. 0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

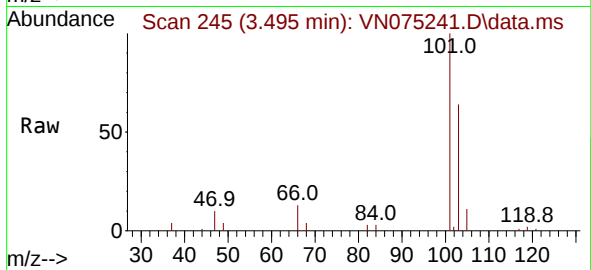
Tgt Ion: 64 Resp: 27158
Ion Ratio Lower Upper
64 100
66 31.3 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 20.021 ug/l
 RT: 3.495 min Scan# 244
 Delta R.T. 0.006 min
 Lab File: VN075241.D
 Acq: 11 Nov 2022 12:19

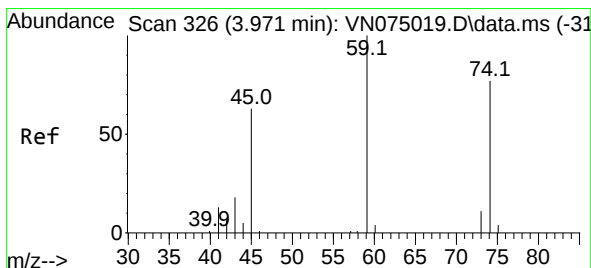
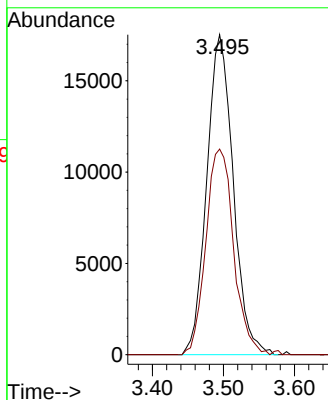
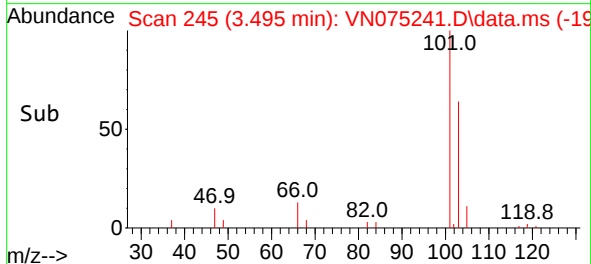
Instrument :
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Tgt Ion:101 Resp: 45329
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.5 75.7

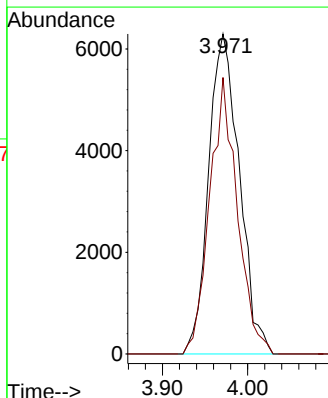
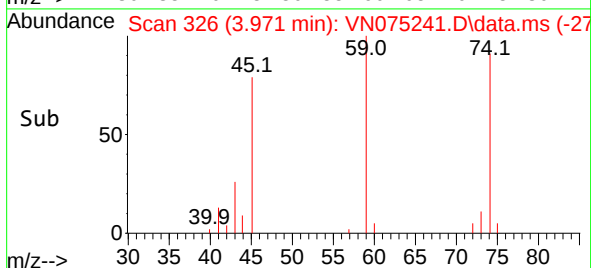
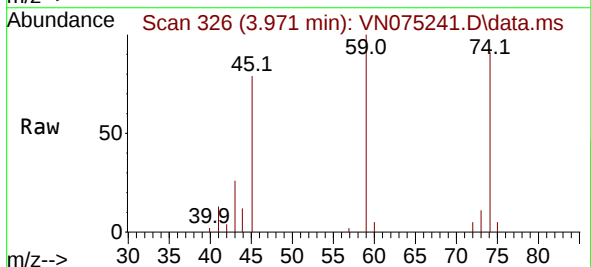
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#8
 Diethyl Ether
 Concen: 19.123 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN075241.D
 Acq: 11 Nov 2022 12:19

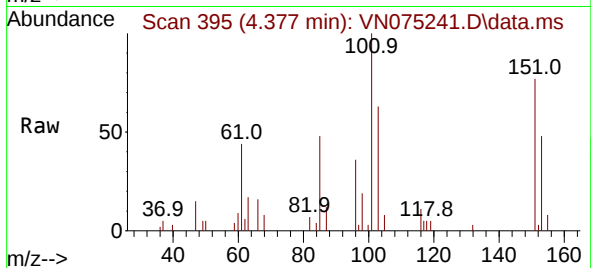
Tgt Ion: 74 Resp: 15792
 Ion Ratio Lower Upper
 74 100
 45 77.5 39.3 117.9





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.106 ug/l
 RT: 4.377 min Scan# 395
 Delta R.T. -0.006 min
 Lab File: VN075241.D
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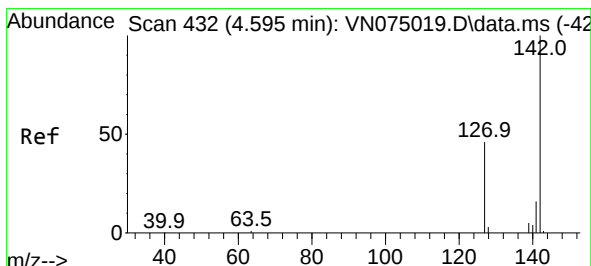
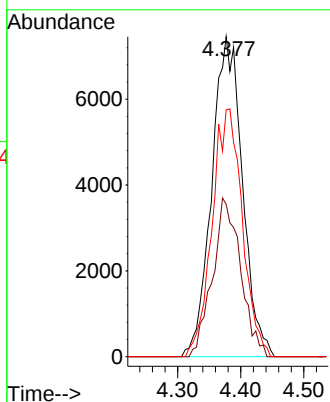
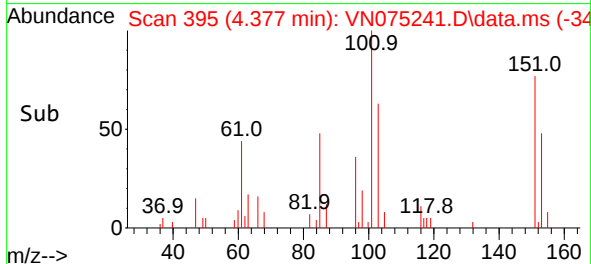
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Tgt Ion:101 Resp: 25139
 Ion Ratio Lower Upper
 101 100
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 151 76.1 58.3 87.5

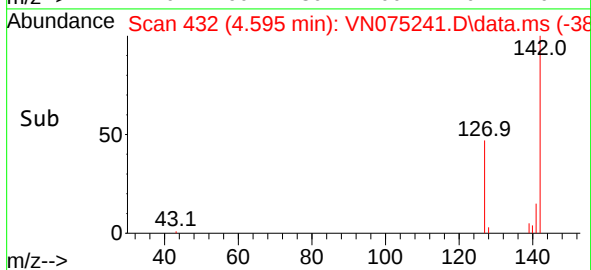
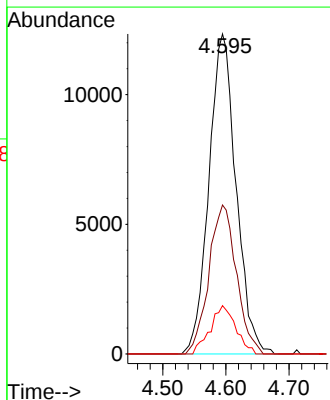
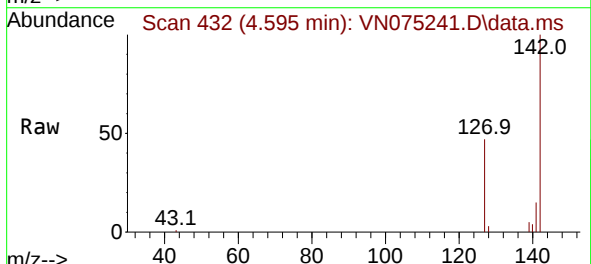
Manual Integrations
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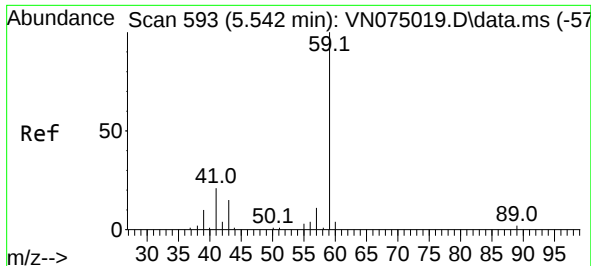
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#10
 Methyl Iodide
 Concen: 19.779 ug/l
 RT: 4.595 min Scan# 432
 Delta R.T. -0.000 min
 Lab File: VN075241.D
 Acq: 11 Nov 2022 12:19

Tgt Ion:142 Resp: 36817
 Ion Ratio Lower Upper
 142 100
 127 47.2 38.0 57.0
 141 14.2 12.2 18.4





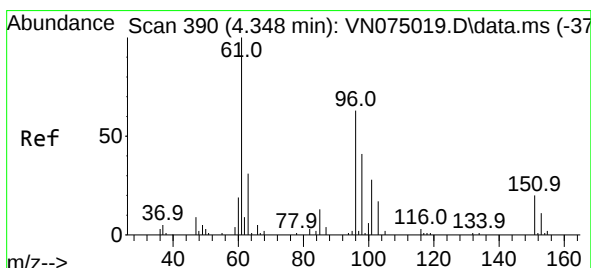
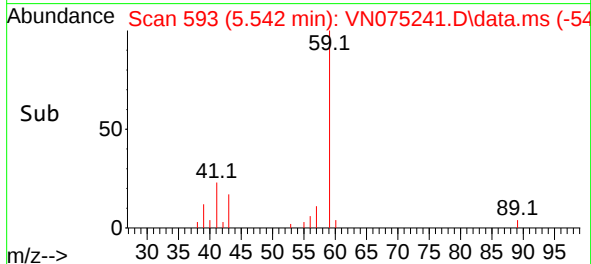
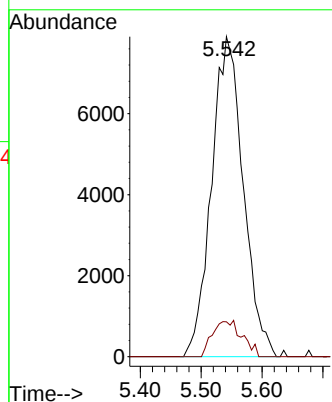
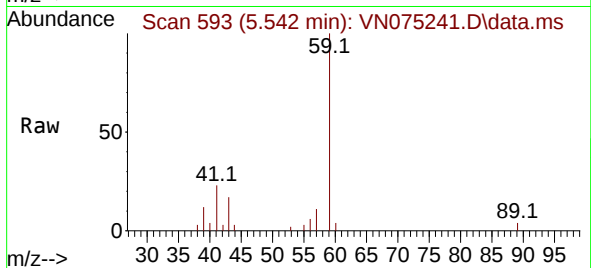
#11
Tert butyl alcohol
Concen: 80.996 ug/l
RT: 5.542 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion: 59 Resp: 28614
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

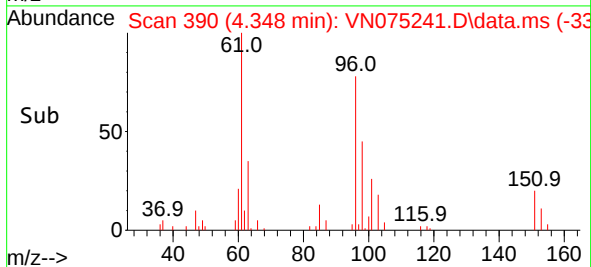
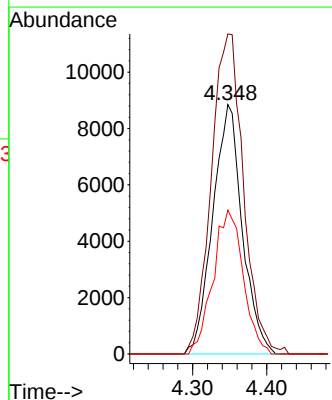
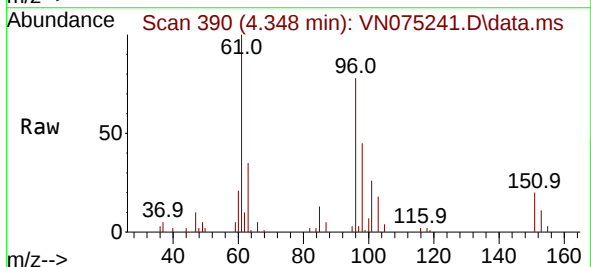
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#12
1,1-Dichloroethene
Concen: 20.528 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion: 96 Resp: 24465
Ion Ratio Lower Upper
96 100
61 128.3 126.2 189.4
98 57.7 51.5 77.3





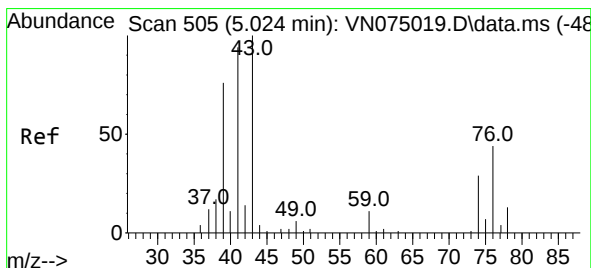
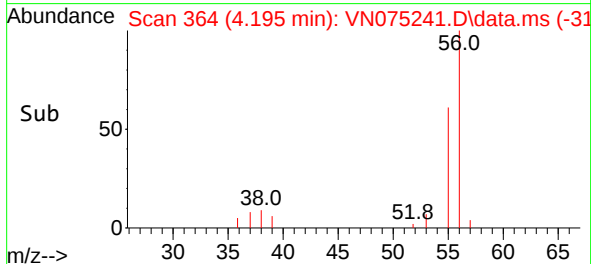
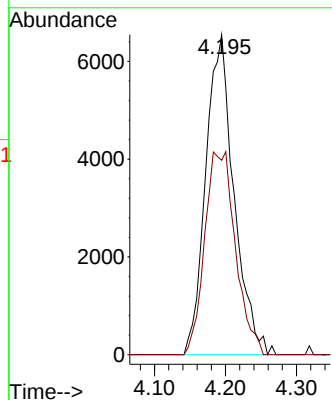
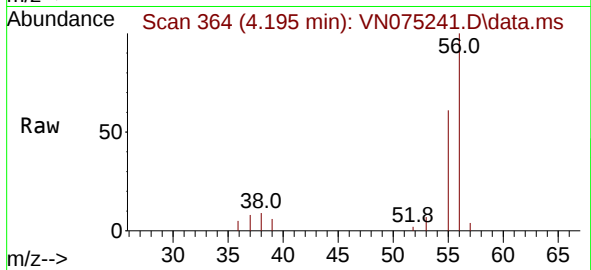
#13
Acrolein
Concen: 62.614 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion: 56 Resp: 1809
Ion Ratio Lower Upper
56 100
55 69.0 55.2 82.8

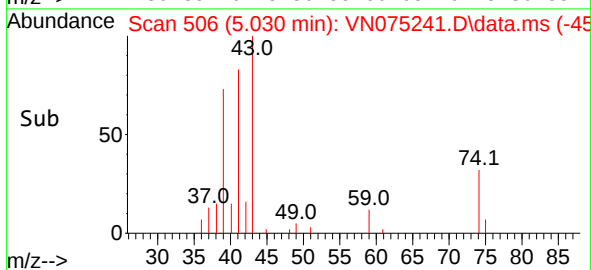
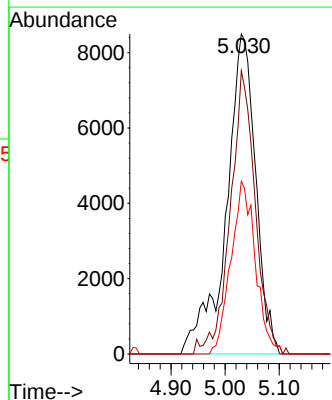
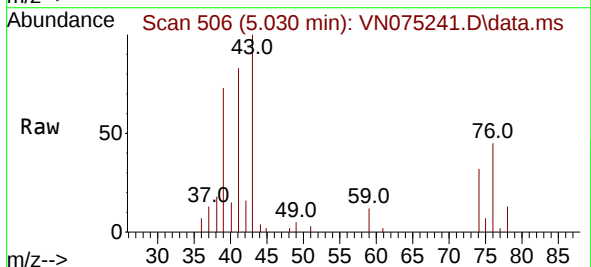
Manual Integrations
APPROVED

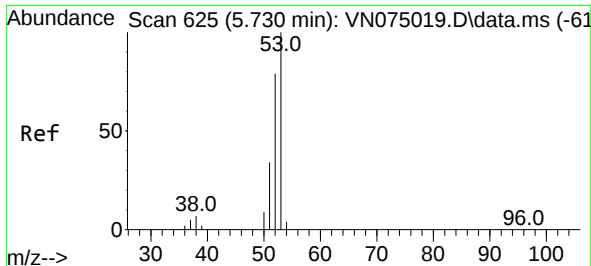
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#14
Allyl chloride
Concen: 18.382 ug/l m
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

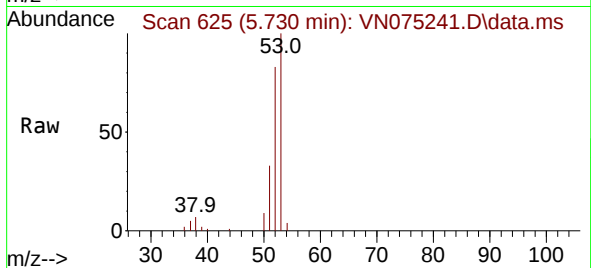
Tgt Ion: 41 Resp: 31996
Ion Ratio Lower Upper
41 100
39 75.0 61.0 91.4
76 45.0 33.4 50.0





#15
Acrylonitrile
Concen: 90.927 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

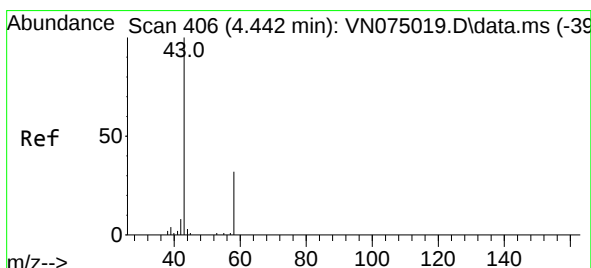
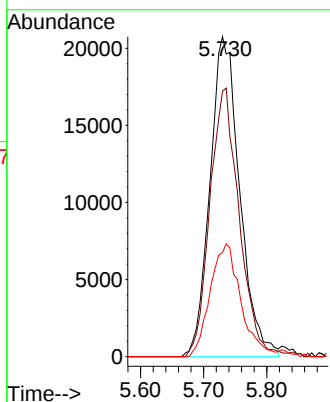
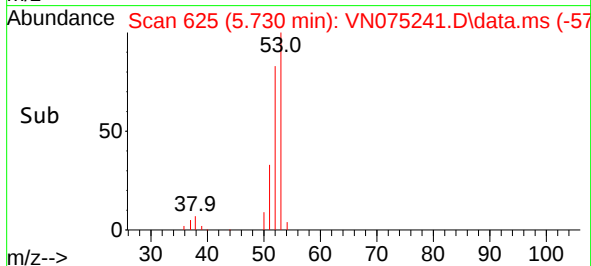
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01



Tgt Ion: 53 Resp: 67850
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 36.2 29.6 44.4

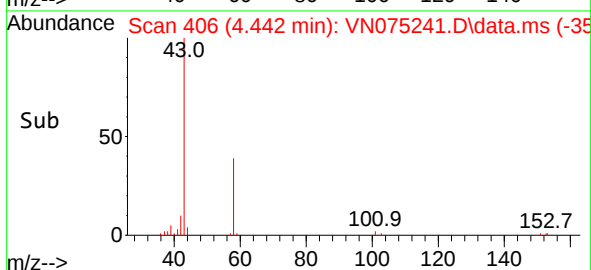
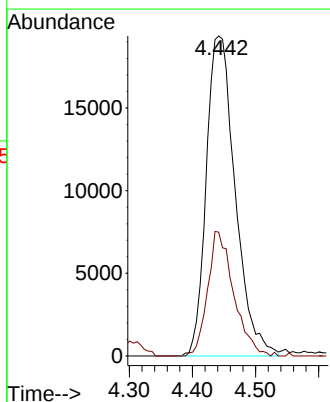
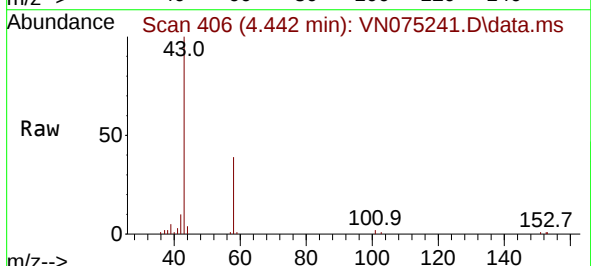
Manual Integrations
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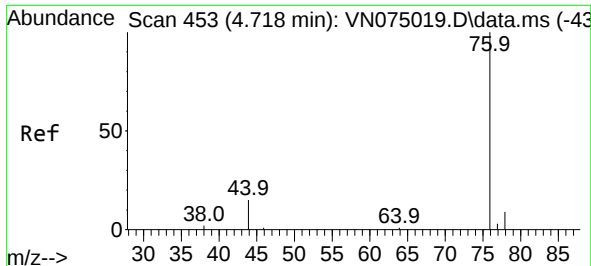
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#16
Acetone
Concen: 96.049 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

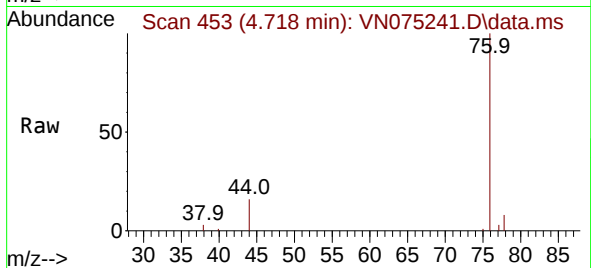
Tgt Ion: 43 Resp: 61610
Ion Ratio Lower Upper
43 100
58 38.7 25.5 38.3#





#17
Carbon Disulfide
Concen: 18.757 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

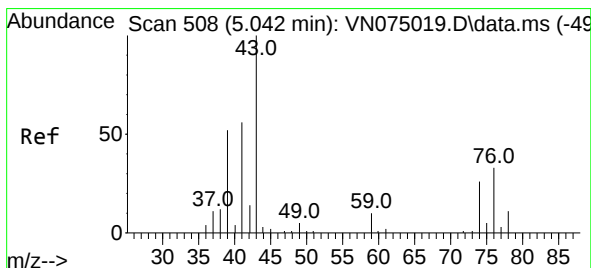
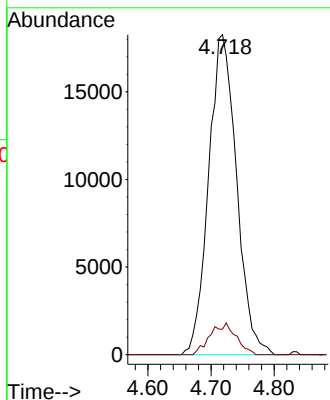
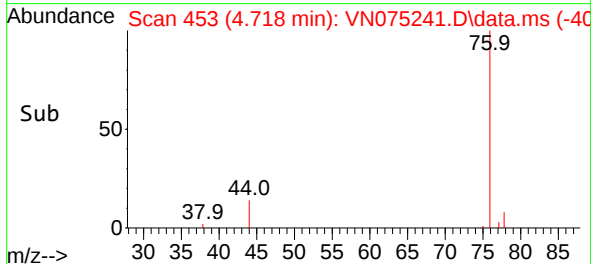
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01



Tgt Ion: 76 Resp: 56210
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2

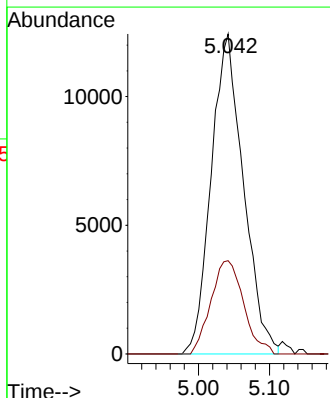
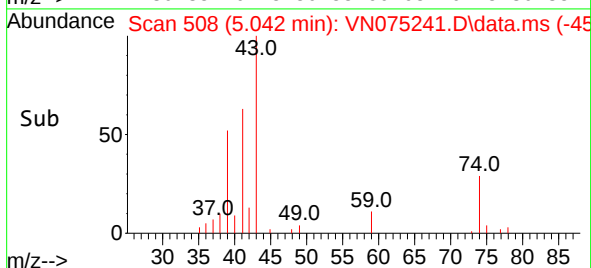
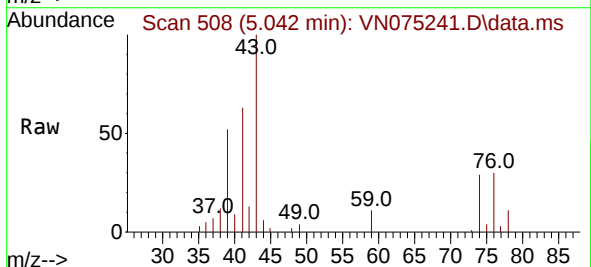
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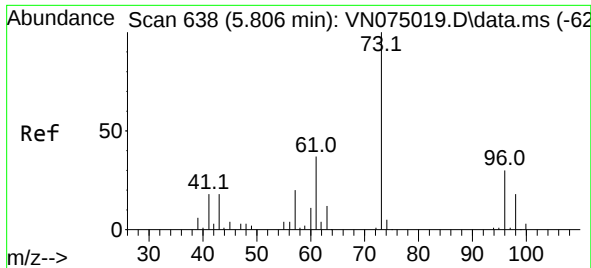
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#18
Methyl Acetate
Concen: 18.676 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion: 43 Resp: 39131
Ion Ratio Lower Upper
43 100
74 29.6 22.0 33.0





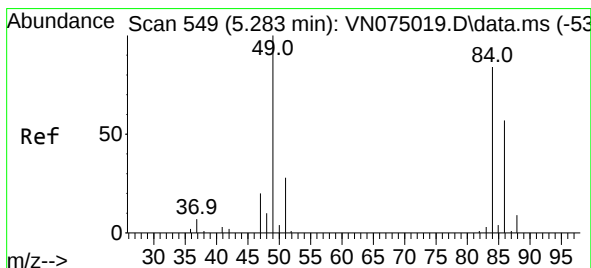
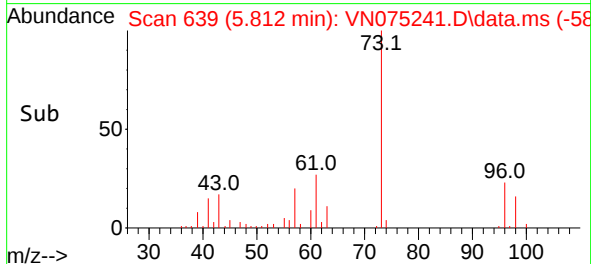
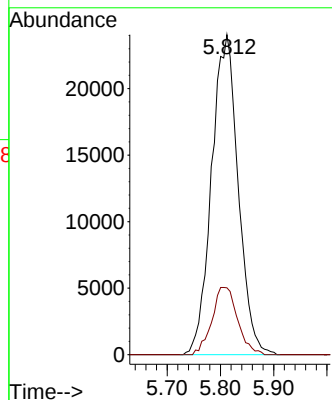
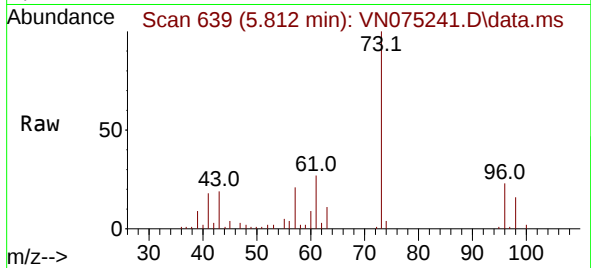
#19
Methyl tert-butyl Ether
Concen: 18.849 ug/l
RT: 5.812 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion: 73 Resp: 83492
Ion Ratio Lower Upper
73 100
57 20.9 16.3 24.5

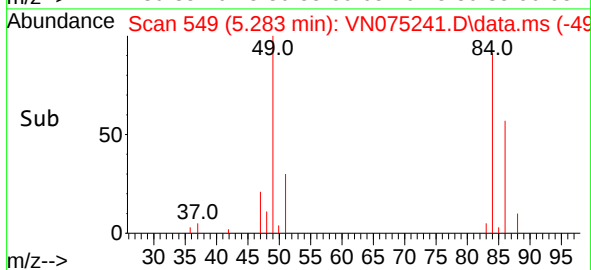
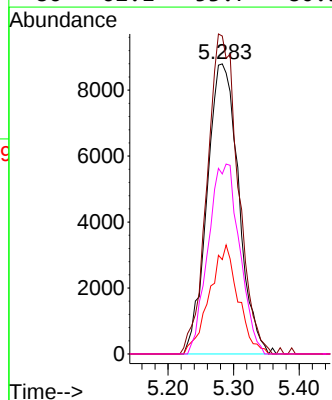
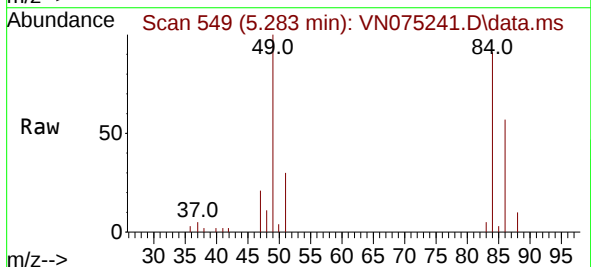
Manual Integrations
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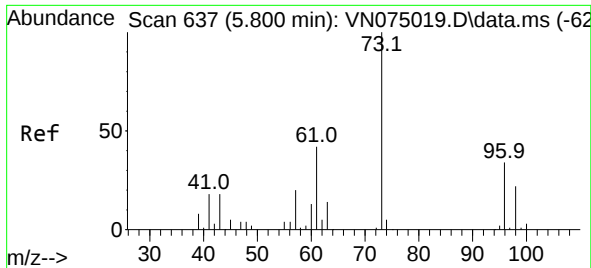
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#20
Methylene Chloride
Concen: 20.497 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion: 84 Resp: 29314
Ion Ratio Lower Upper
84 100
49 109.6 94.9 142.3
51 32.5 26.8 40.2
86 62.1 53.7 80.5





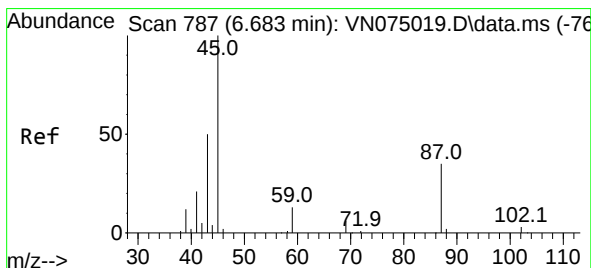
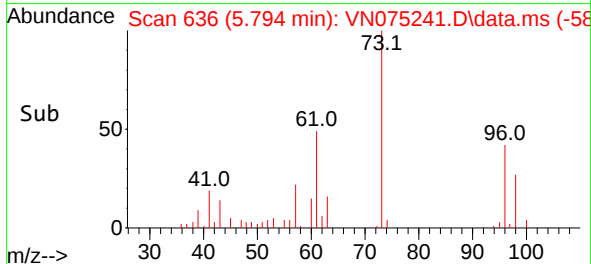
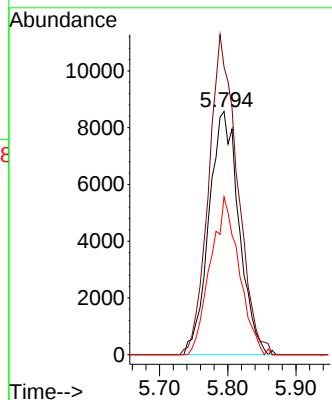
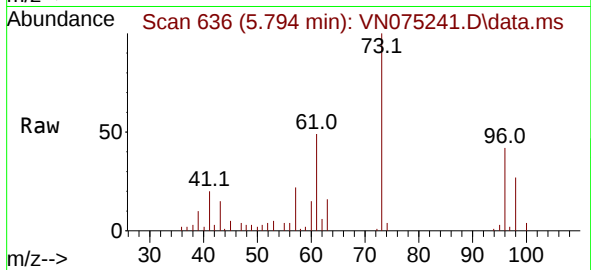
#21
trans-1,2-Dichloroethene
Concen: 20.121 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion: 96 Resp: 26250
Ion Ratio Lower Upper
96 100
61 118.3 99.9 149.9
98 64.8 51.5 77.3

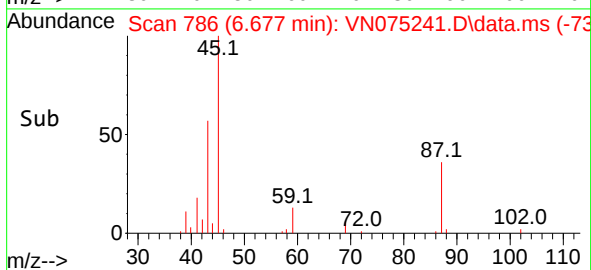
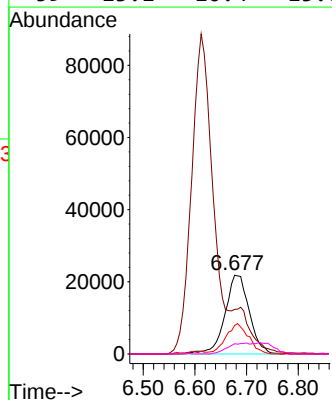
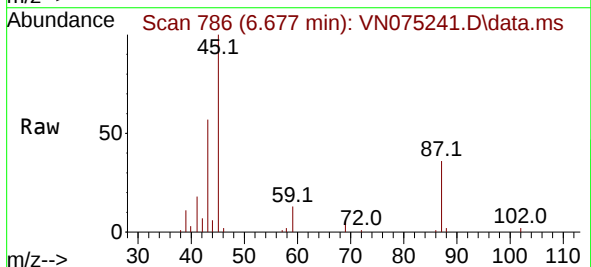
Manual Integrations
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Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#22
Diisopropyl ether
Concen: 18.513 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion: 45 Resp: 71116
Ion Ratio Lower Upper
45 100
43 54.3 42.8 64.2
87 36.2 28.4 42.6
59 13.1 10.4 15.6





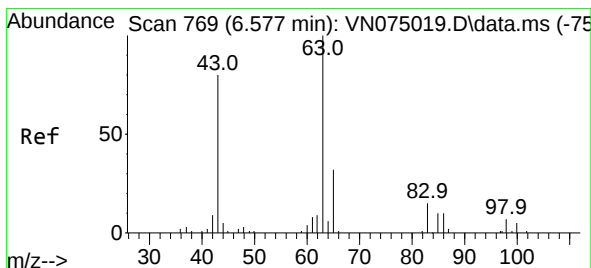
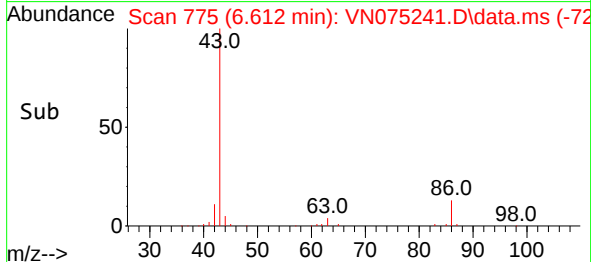
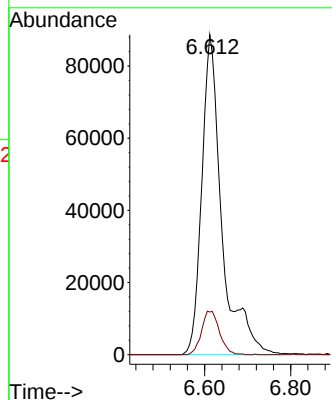
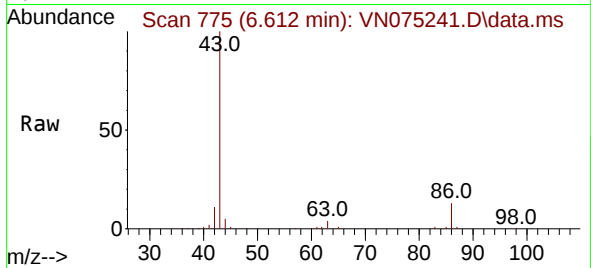
#23
 Vinyl Acetate
 Concen: 89.603 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075241.D
 Acq: 11 Nov 2022 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBS01

Tgt Ion: 43 Resp: 287418
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1

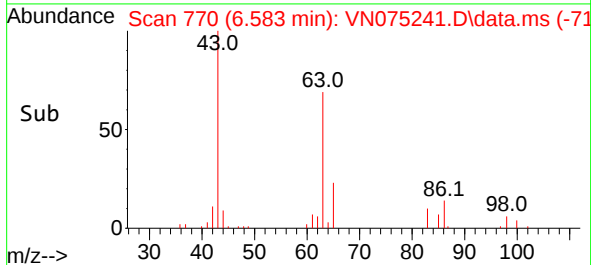
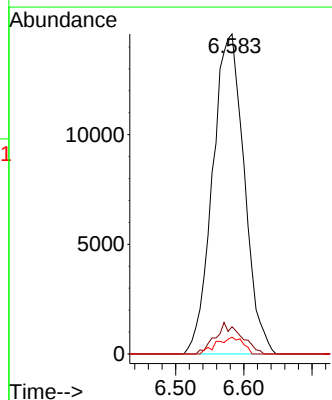
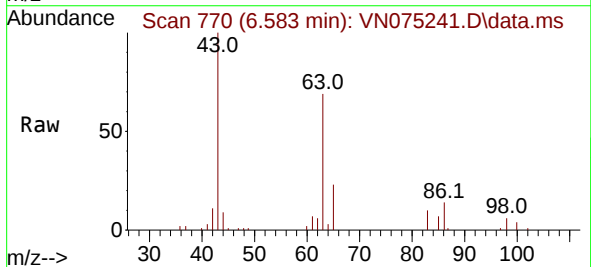
Manual Integrations
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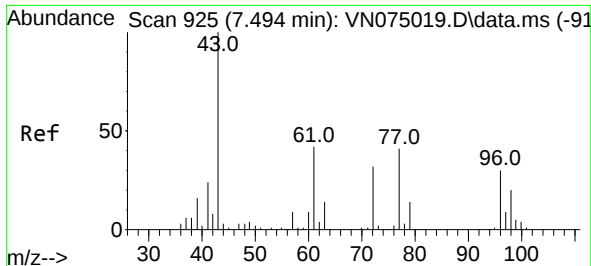
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#24
 1,1-Dichloroethane
 Concen: 19.384 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075241.D
 Acq: 11 Nov 2022 12:19

Tgt Ion: 63 Resp: 47092
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 5.2 2.4 7.2





#25

2-Butanone

Concen: 91.400 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBS01

Tgt Ion: 43 Resp: 92210

Ion Ratio Lower Upper

43 100

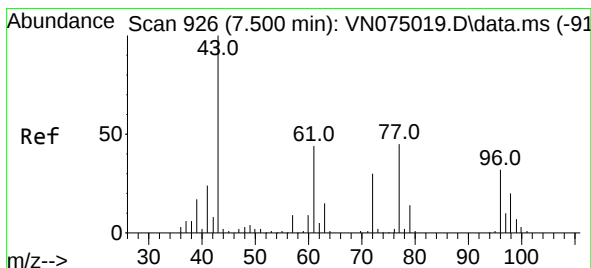
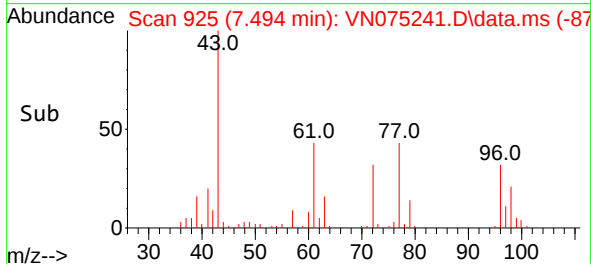
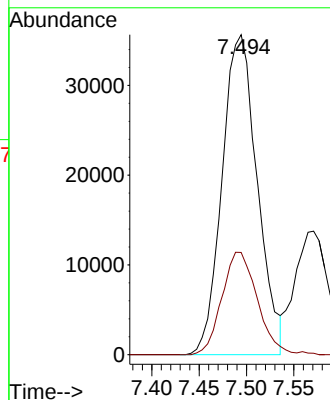
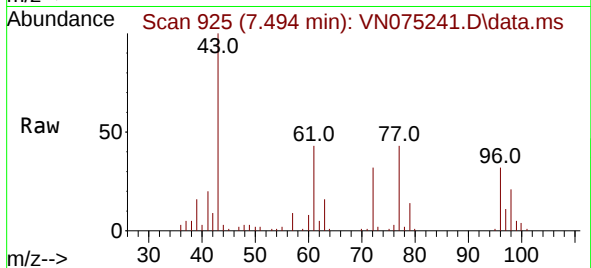
72 31.9 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#26

2,2-Dichloropropane

Concen: 19.211 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075241.D

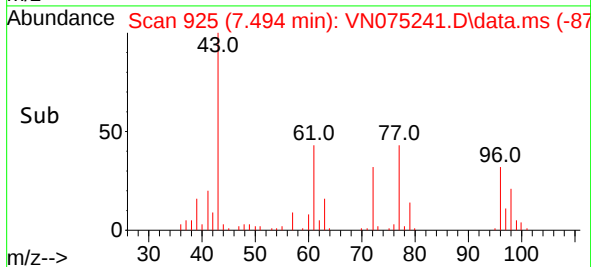
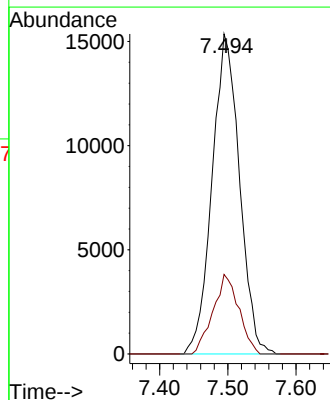
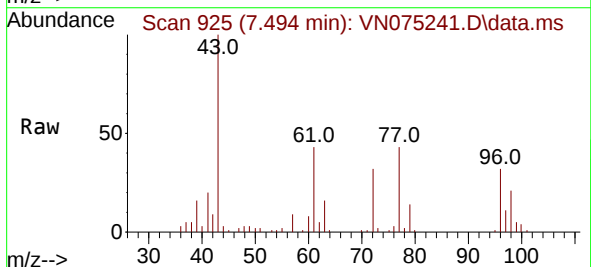
Acq: 11 Nov 2022 12:19

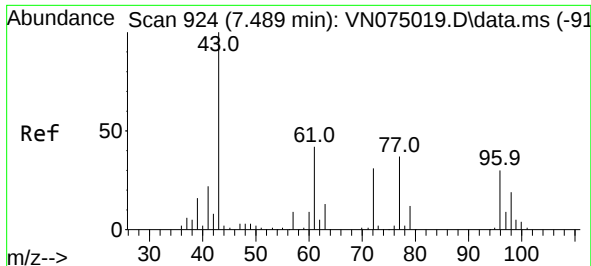
Tgt Ion: 77 Resp: 42936

Ion Ratio Lower Upper

77 100

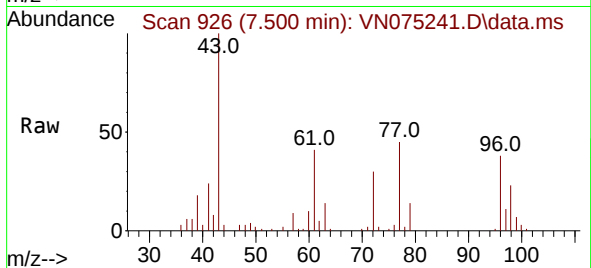
97 23.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.221 ug/l
 RT: 7.500 min Scan# 911
 Delta R.T. 0.011 min
 Lab File: VN075241.D
 Acq: 11 Nov 2022 12:19

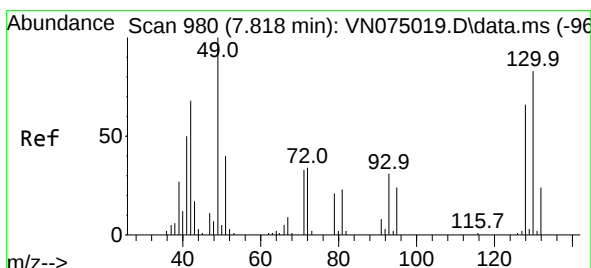
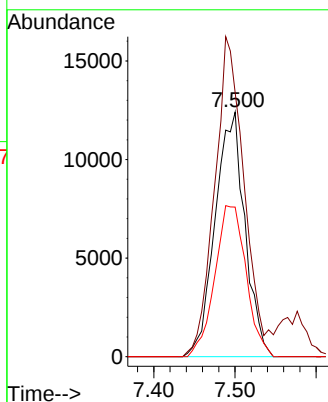
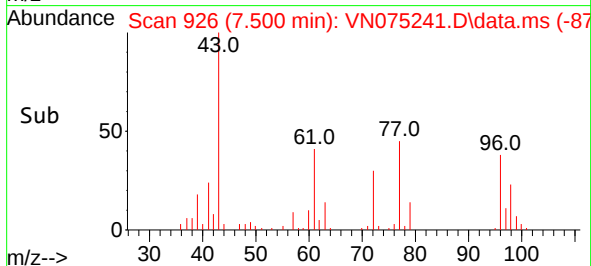
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBS01



Tgt Ion: 96 Resp: 3151
 Ion Ratio Lower Upper
 96 100
 61 131.1 0.0 278.8
 98 65.1 0.0 128.4

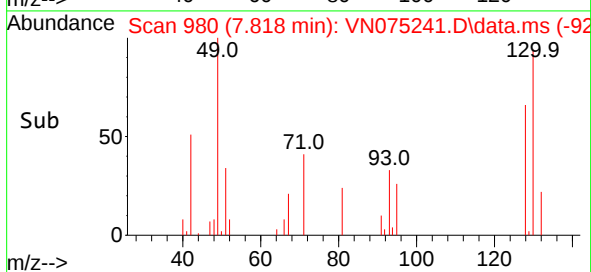
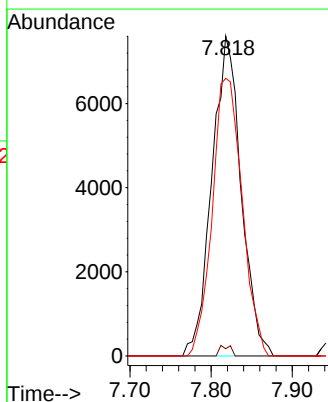
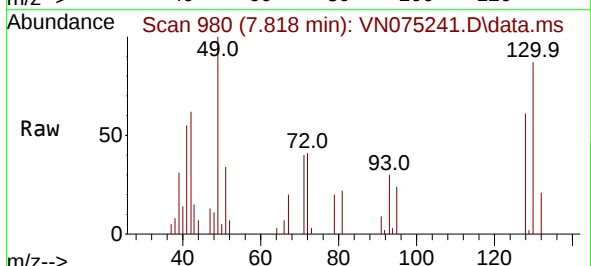
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#28
 Bromochloromethane
 Concen: 18.568 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075241.D
 Acq: 11 Nov 2022 12:19

Tgt Ion: 49 Resp: 19016
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 88.8 66.2 99.4





#29

Tetrahydrofuran

Concen: 88.923 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBS01

Tgt Ion: 42 Resp: 57974

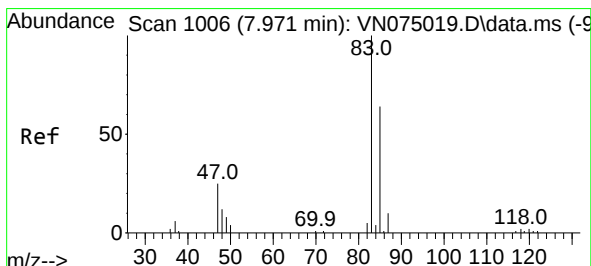
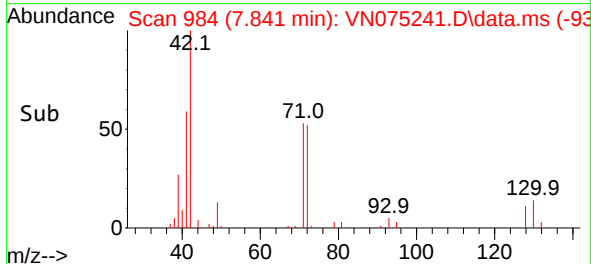
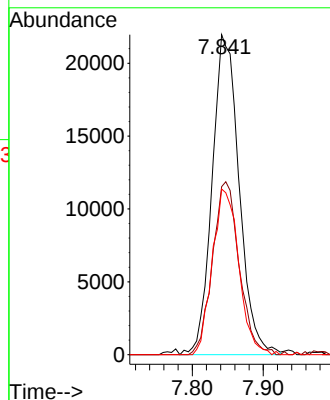
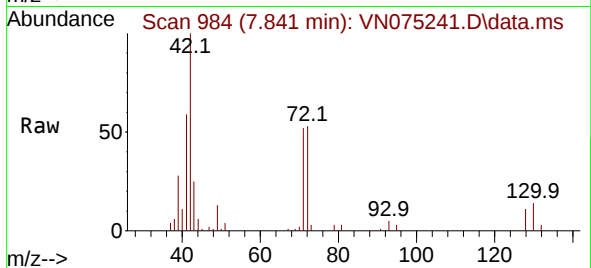
Ion	Ratio	Lower	Upper
42	100		
72	53.4	43.0	64.6
71	50.7	39.9	59.9

Manual Integrations

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Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#30

Chloroform

Concen: 19.763 ug/l

RT: 7.971 min Scan# 1006

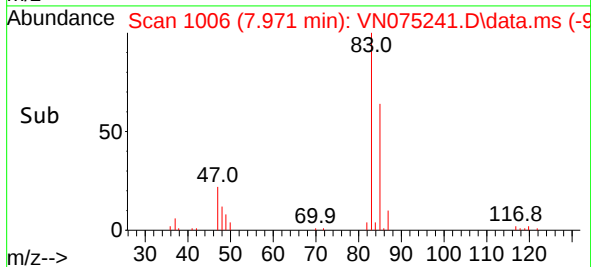
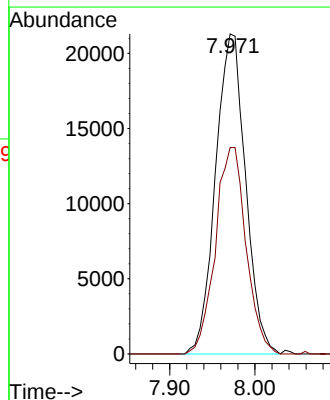
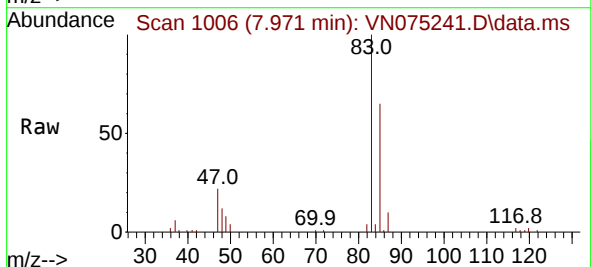
Delta R.T. -0.000 min

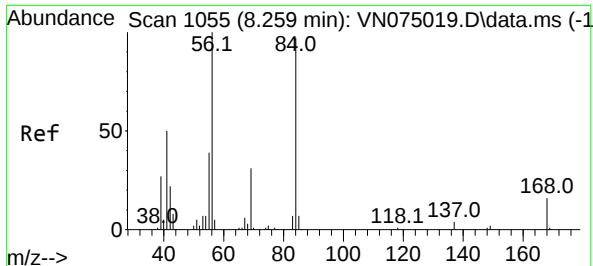
Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Tgt Ion: 83 Resp: 52130

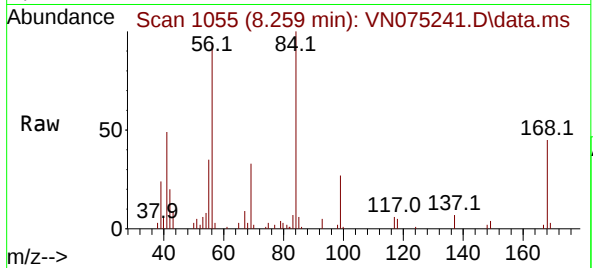
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.0





#31
Cyclohexane
Concen: 19.043 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

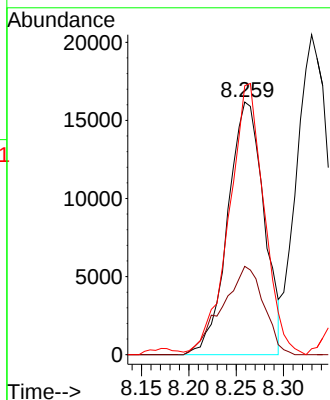
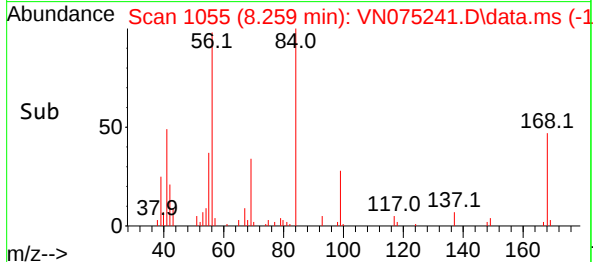
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01



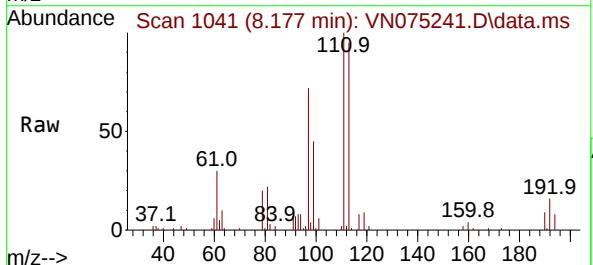
Tgt Ion: 56 Resp: 42900
Ion Ratio Lower Upper
56 100
69 35.0 25.2 37.8
84 105.0 77.8 116.8

Manual Integrations
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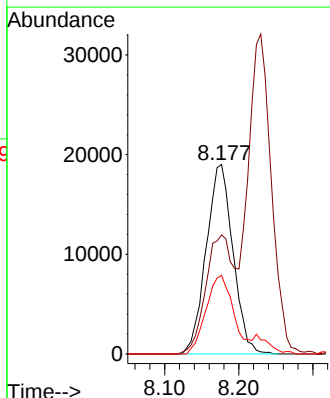
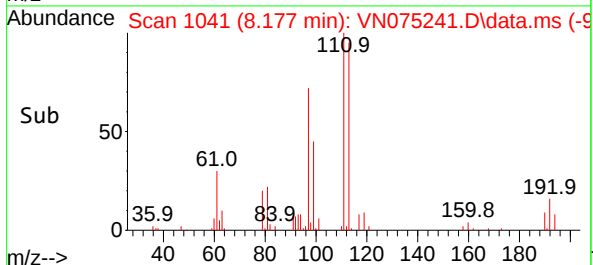
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

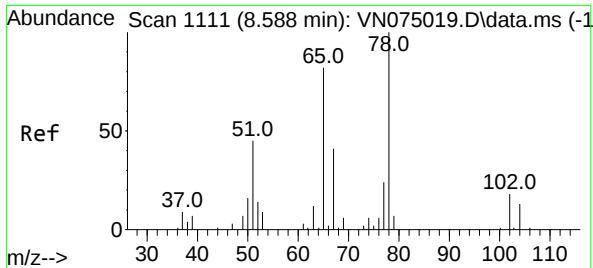


#32
1,1,1-Trichloroethane
Concen: 19.880 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19



Tgt Ion: 97 Resp: 47620
Ion Ratio Lower Upper
97 100
99 69.0 50.2 75.2
61 43.1 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 47.339 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBS01

Tgt Ion: 65 Resp: 7171

Ion Ratio Lower Upper

65 100

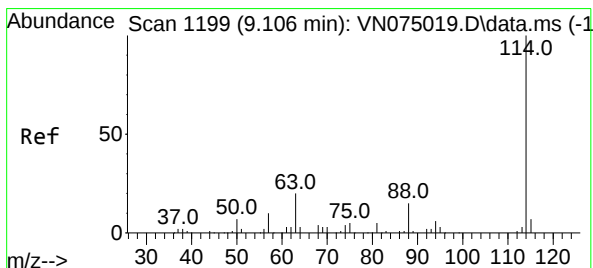
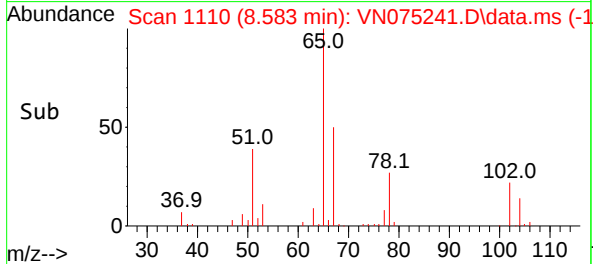
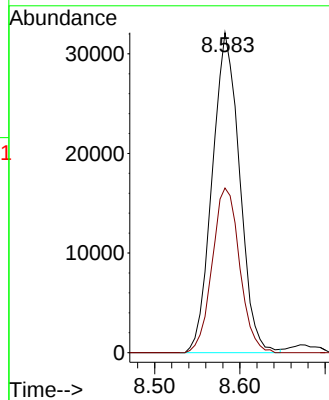
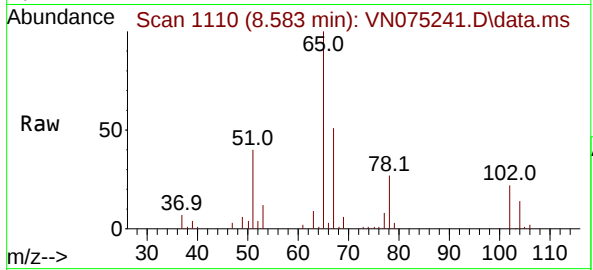
67 51.4 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

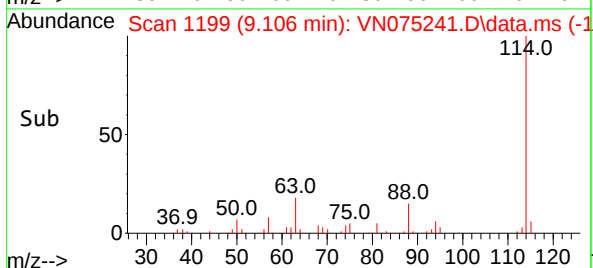
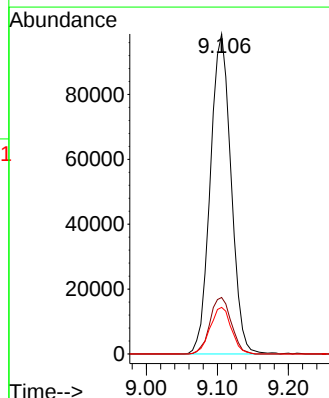
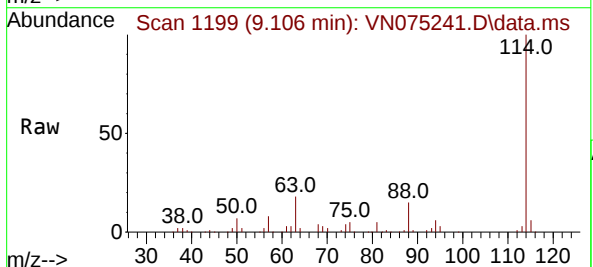
Tgt Ion:114 Resp: 200122

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.786 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBS01

Tgt Ion: 113 Resp: 62014

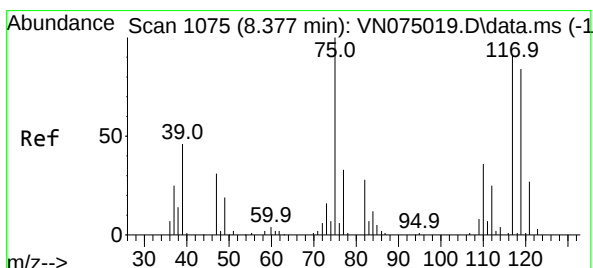
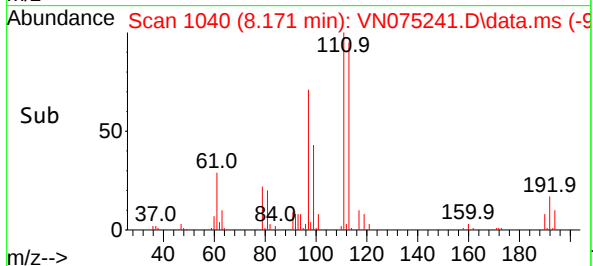
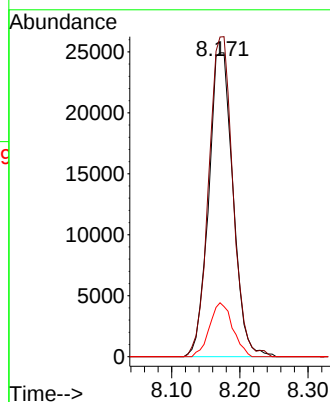
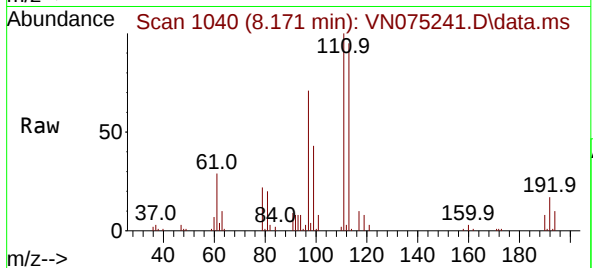
Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.5	120.7
192	16.8	13.2	19.8

Manual Integrations

APPROVED

Reviewed By : John Carlone 11/14/2022

Supervised By : Mahesh Dadoda 11/14/2022



#36

1,1-Dichloropropene

Concen: 21.059 ug/l

RT: 8.377 min Scan# 1075

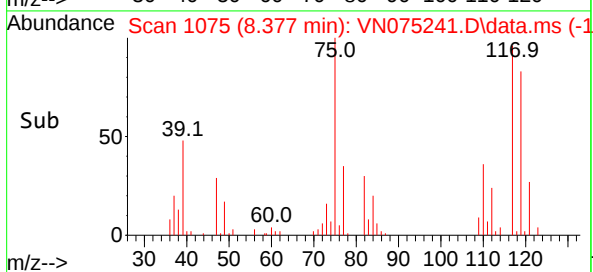
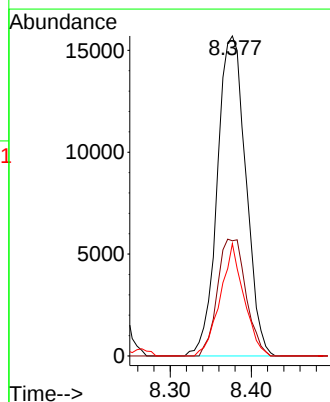
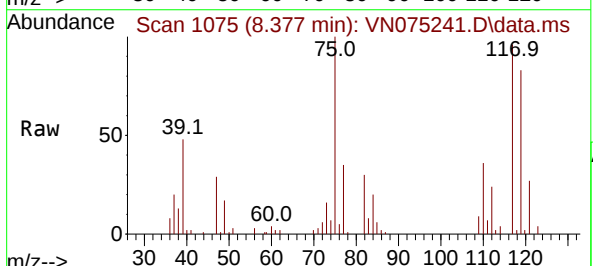
Delta R.T. -0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Tgt Ion: 75 Resp: 38303

Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.8	53.3
77	29.3	24.6	37.0





#37

Ethyl Acetate

Concen: 18.328 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBS01

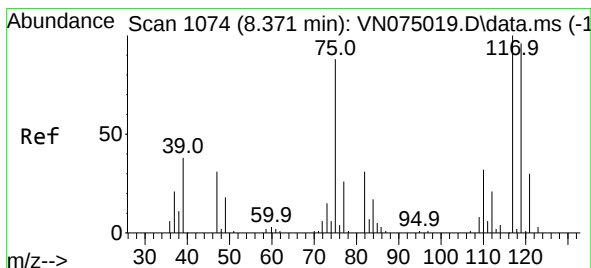
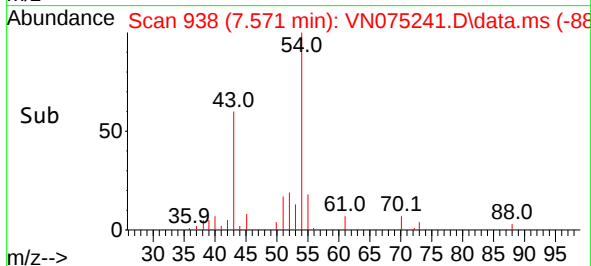
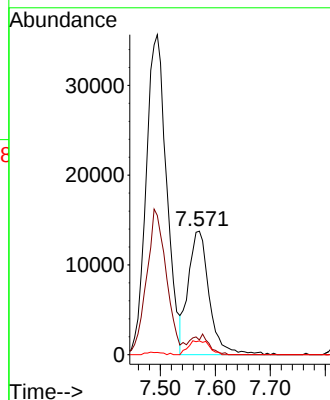
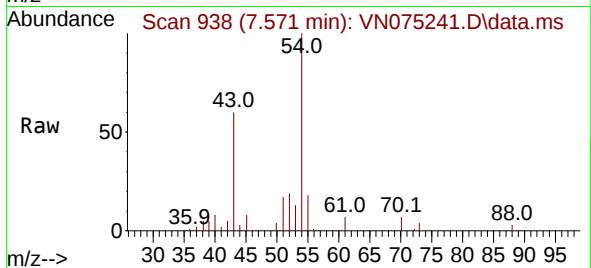
Tgt Ion:	43	Resp:	3655
Ion Ratio	Lower	Upper	
43	100		
61	0.0	12.2	18.4
70	11.2	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#38

Carbon Tetrachloride

Concen: 21.068 ug/l

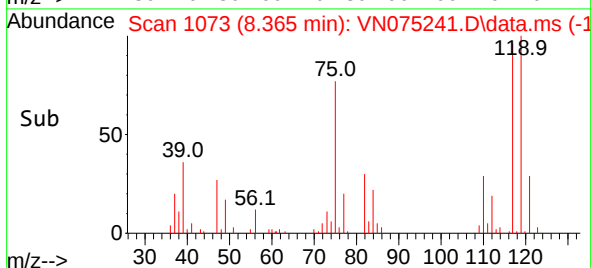
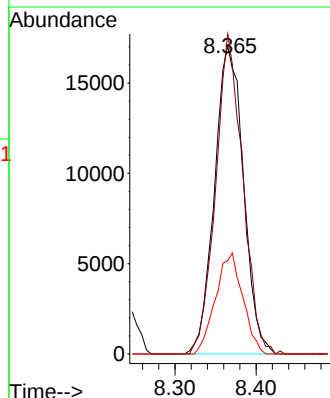
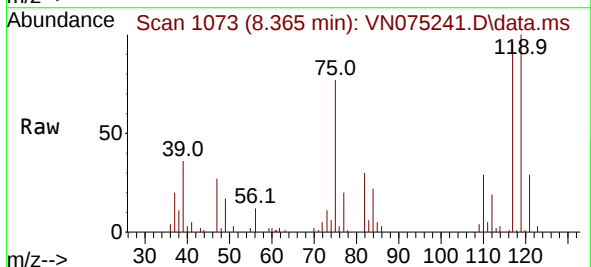
RT: 8.365 min Scan# 1073

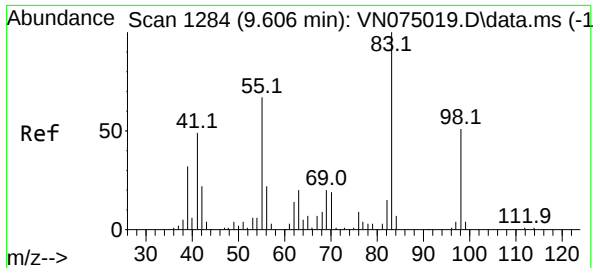
Delta R.T. -0.006 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Tgt Ion:	117	Resp:	42151
Ion Ratio	Lower	Upper	
117	100		
119	103.9	76.7	115.1
121	30.3	23.9	35.9





#39

Methylcyclohexane

Concen: 20.198 ug/l

RT: 9.606 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBS01

Tgt Ion: 83 Resp: 4849

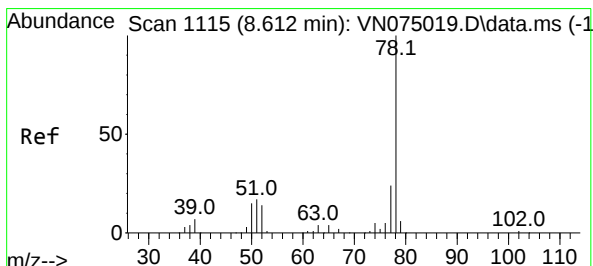
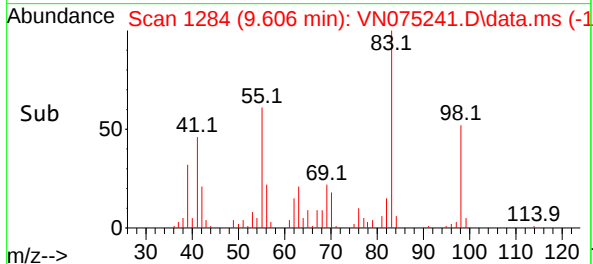
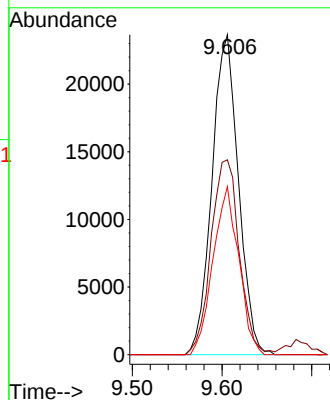
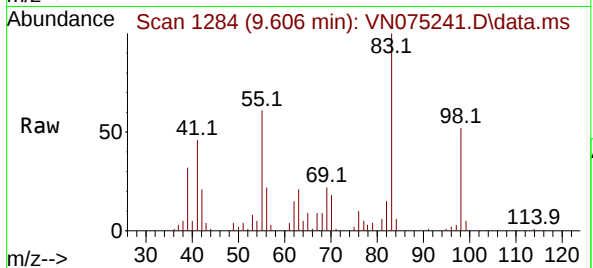
Ion	Ratio	Lower	Upper
83	100		
55	60.9	53.6	80.4
98	52.5	41.1	61.7

Manual Integrations

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Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#40

Benzene

Concen: 20.796 ug/l

RT: 8.612 min Scan# 1115

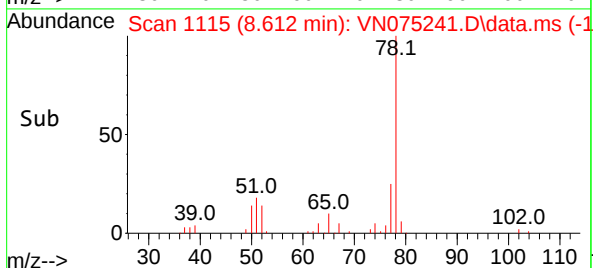
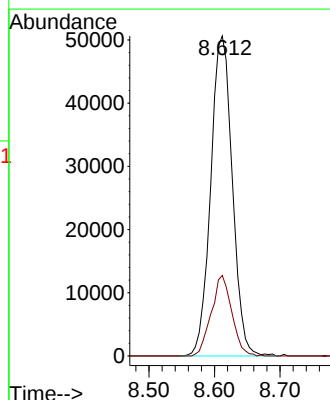
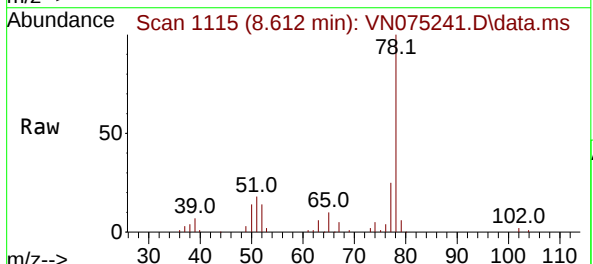
Delta R.T. -0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Tgt Ion: 78 Resp: 115811

Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.4	29.0





#41
Methacrylonitrile
Concen: 18.802 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.005 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

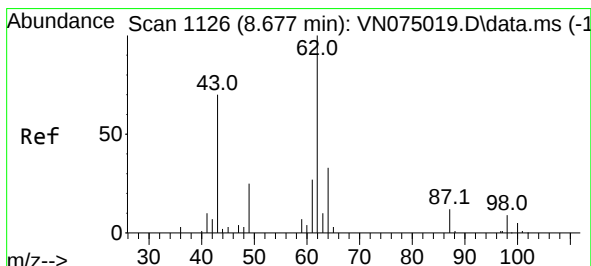
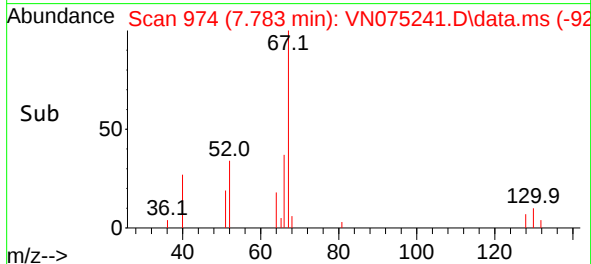
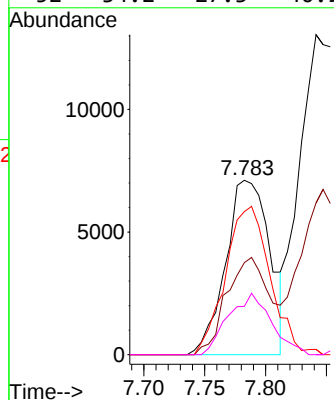
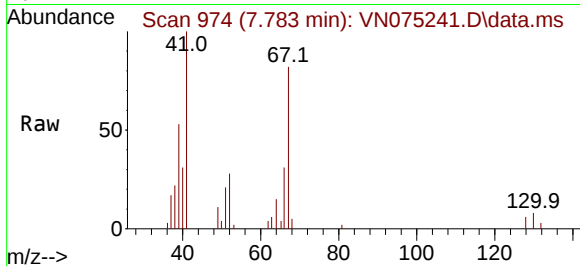
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion: 41 Resp: 17968

Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.4	66.6
67	85.9	69.8	104.6
52	34.2	27.3	40.9

Manual Integrations
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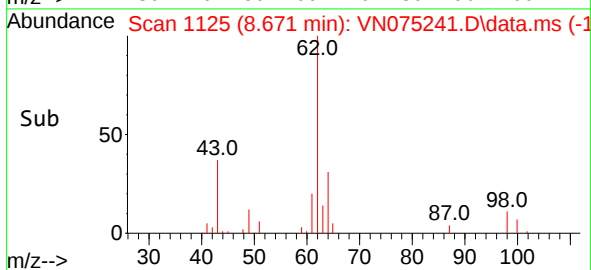
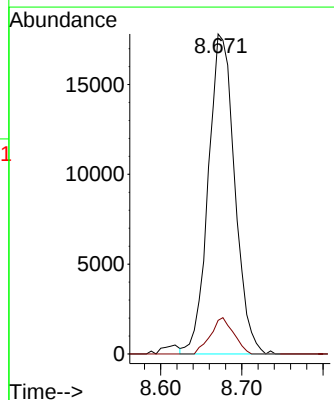
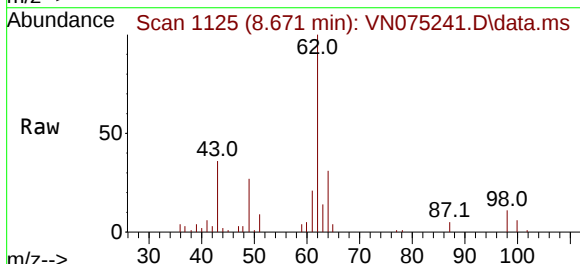
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

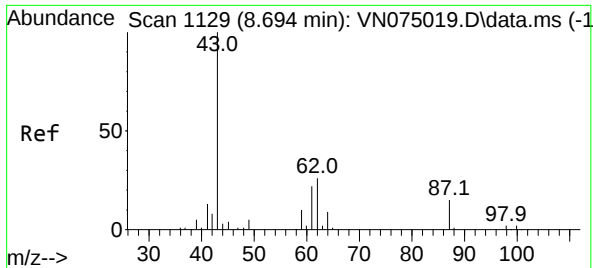


#42
1,2-Dichloroethane
Concen: 19.881 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion: 62 Resp: 40281

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.2





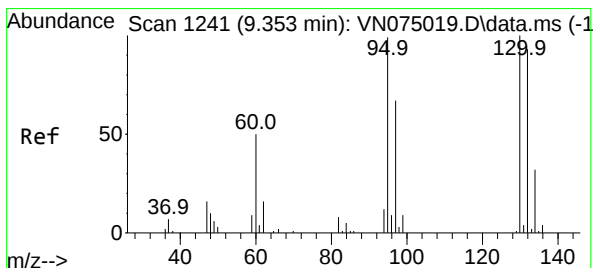
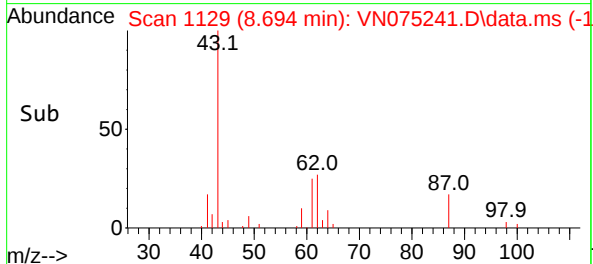
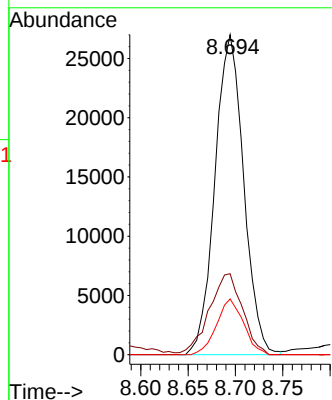
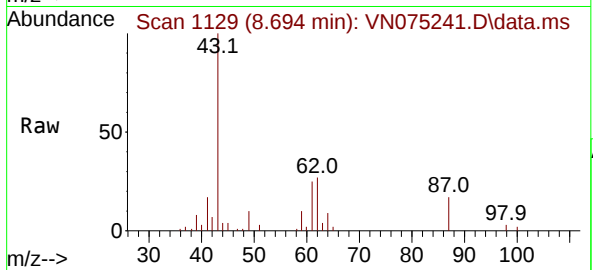
#43
Isopropyl Acetate
Concen: 18.413 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion: 43 Resp: 56970
Ion Ratio Lower Upper
43 100
61 29.3 22.4 33.6
87 16.3 12.5 18.7

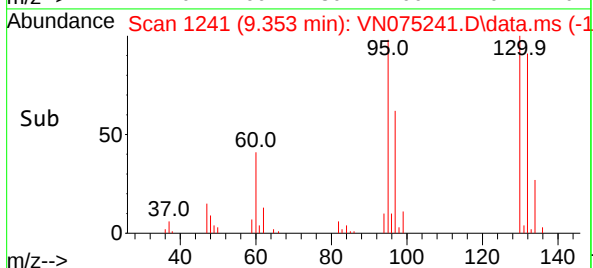
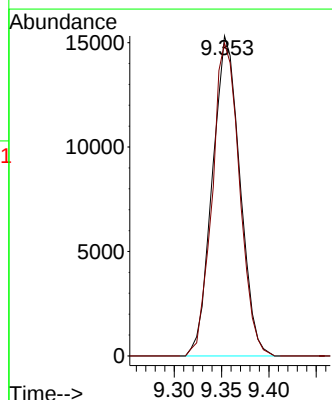
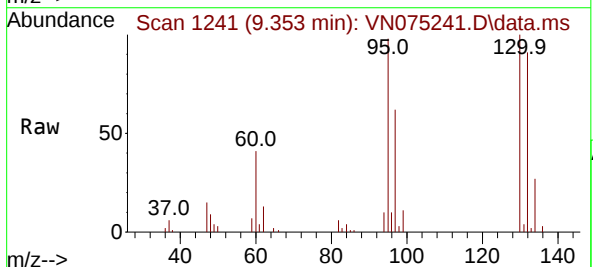
Manual Integrations
APPROVED

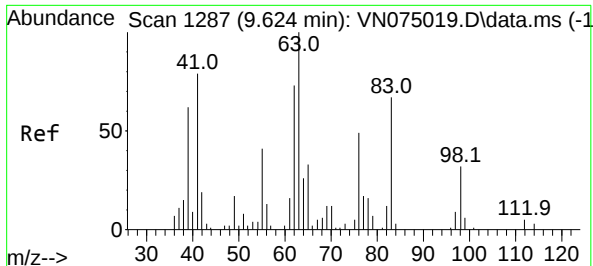
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#44
Trichloroethene
Concen: 22.166 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion:130 Resp: 30970
Ion Ratio Lower Upper
130 100
95 97.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.925 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBS01

Tgt Ion: 63 Resp: 2773

Ion Ratio Lower Upper

63 100

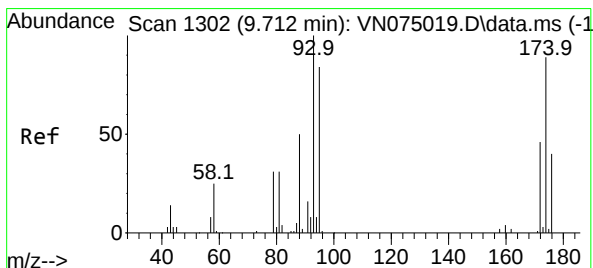
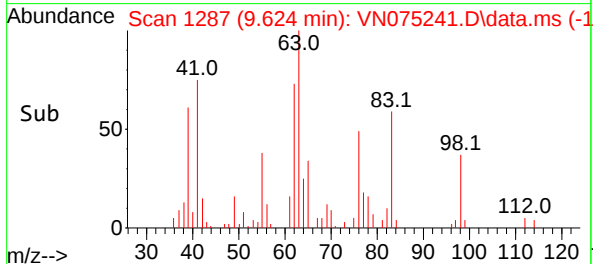
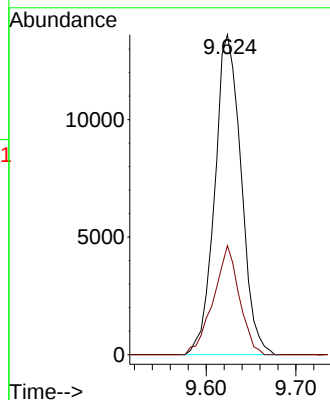
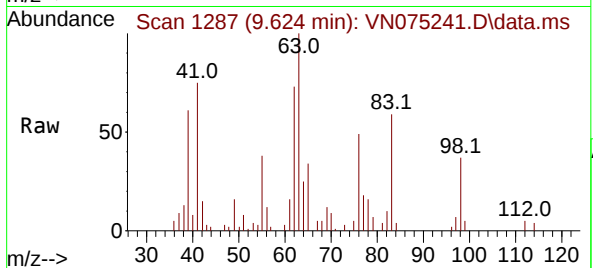
65 34.1 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#46

Dibromomethane

Concen: 20.444 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

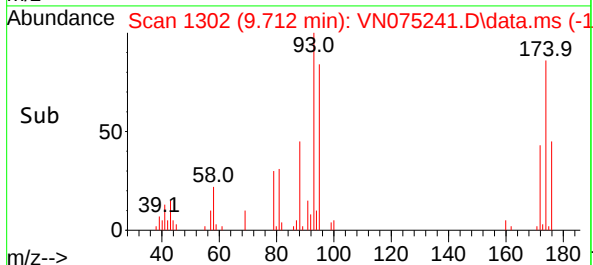
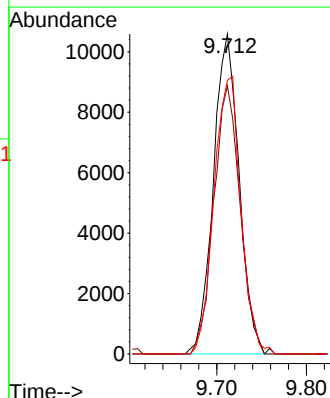
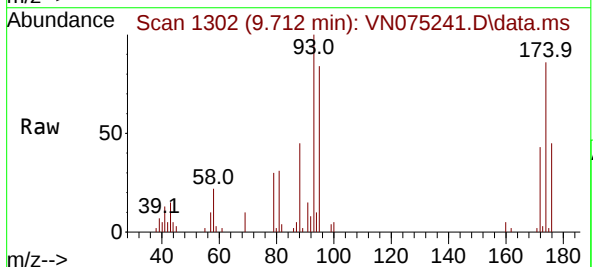
Tgt Ion: 93 Resp: 21109

Ion Ratio Lower Upper

93 100

95 85.5 66.6 99.8

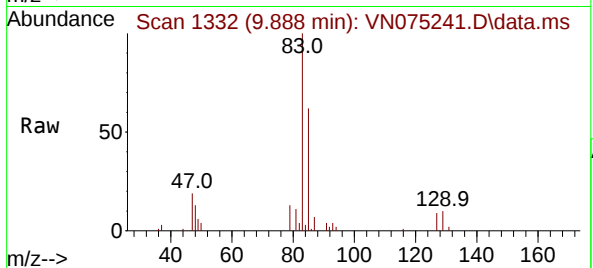
174 90.4 70.3 105.5





#47
Bromodichloromethane
Concen: 20.147 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

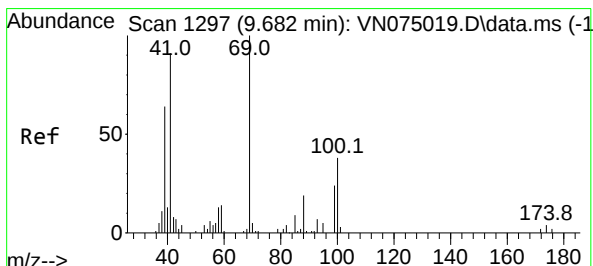
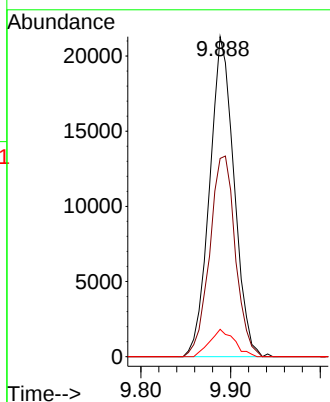
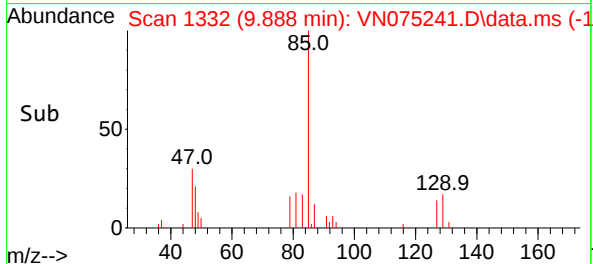
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01



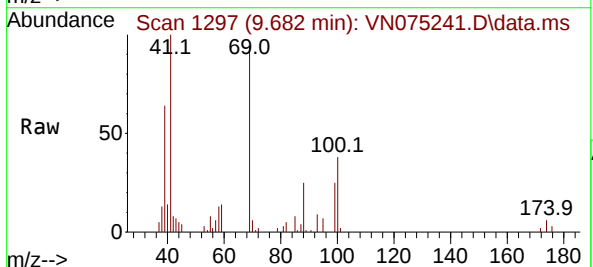
Tgt Ion: 83 Resp: 40285
Ion Ratio Lower Upper
83 100
85 61.9 52.1 78.1
127 8.5 6.6 10.0

Manual Integrations
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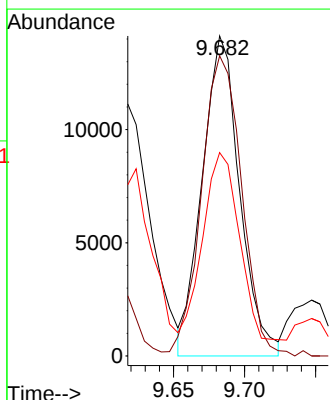
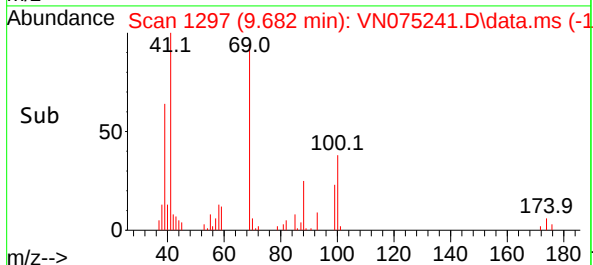
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

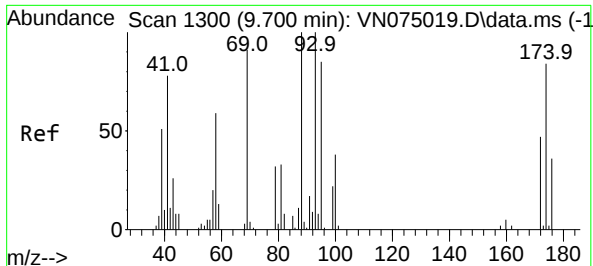


#48
Methyl methacrylate
Concen: 18.275 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19



Tgt Ion: 41 Resp: 25937
Ion Ratio Lower Upper
41 100
69 100.9 80.2 120.2
39 67.4 56.2 84.2





#49

1,4-Dioxane

Concen: 395.722 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBS01

Tgt Ion: 88 Resp: 1470

Ion Ratio Lower Upper

88 100

43 20.9 17.5 26.3

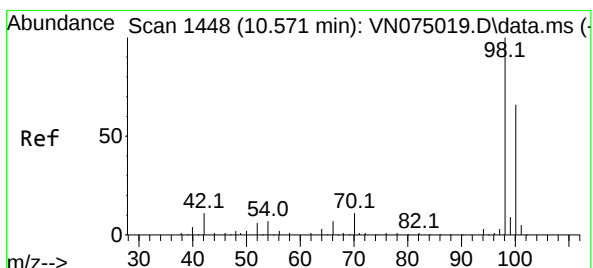
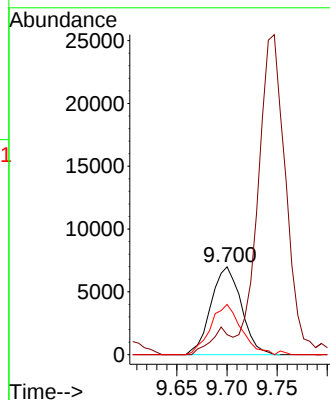
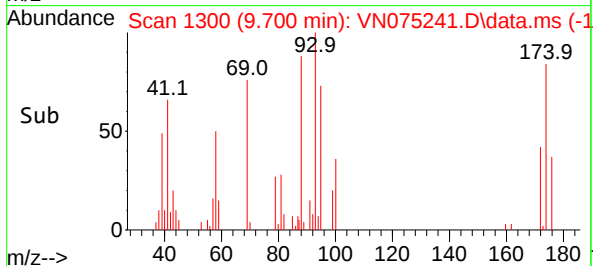
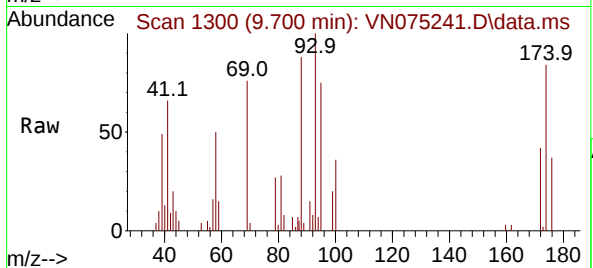
58 57.9 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#50

Toluene-d8

Concen: 49.042 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075241.D

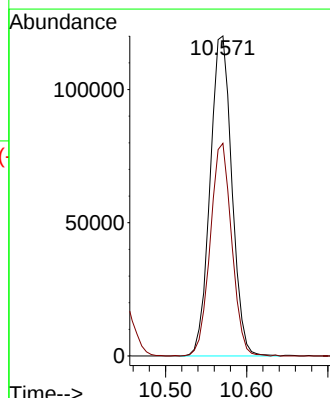
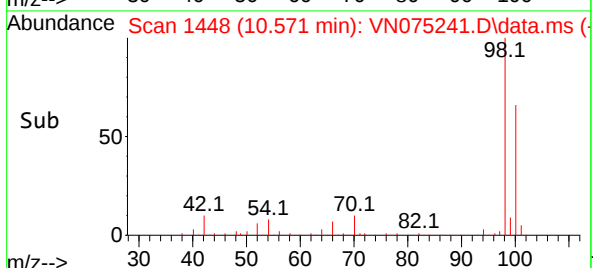
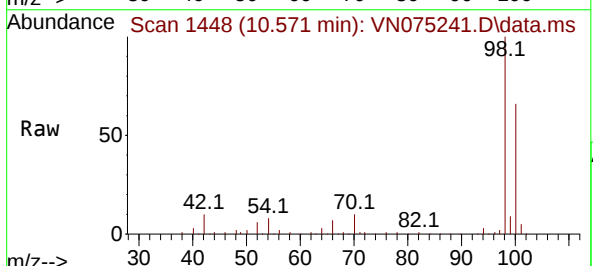
Acq: 11 Nov 2022 12:19

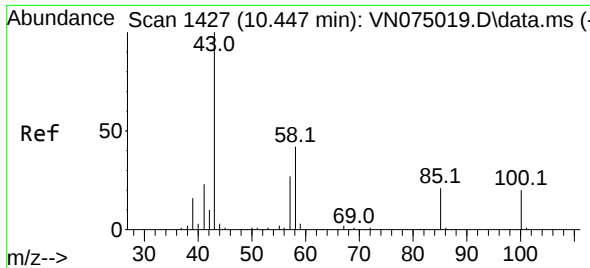
Tgt Ion: 98 Resp: 223530

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.6





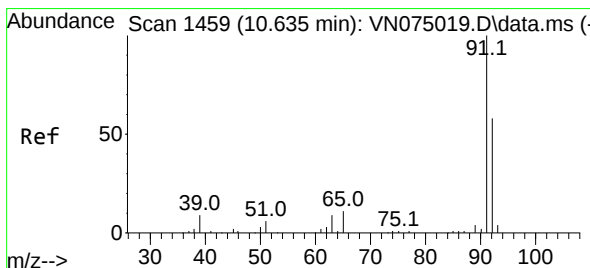
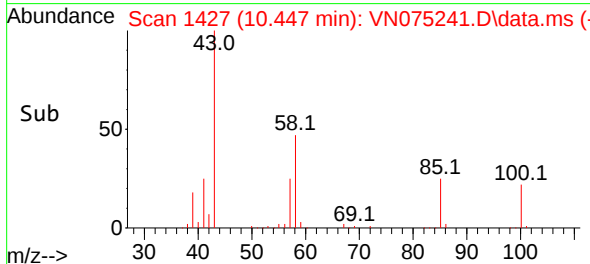
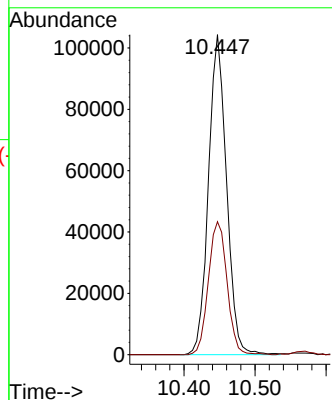
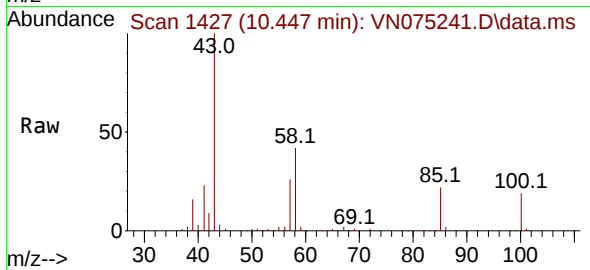
#51
4-Methyl-2-Pentanone
Concen: 92.274 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion: 43 Resp: 18423
Ion Ratio Lower Upper
43 100
58 43.0 33.6 50.4

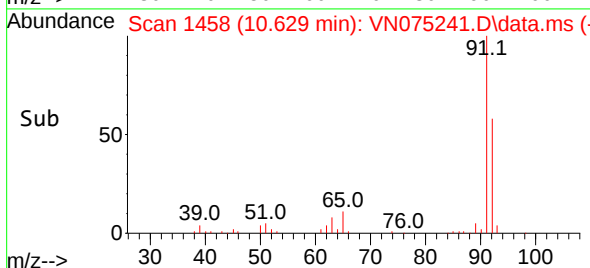
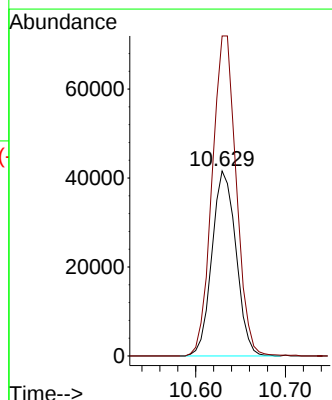
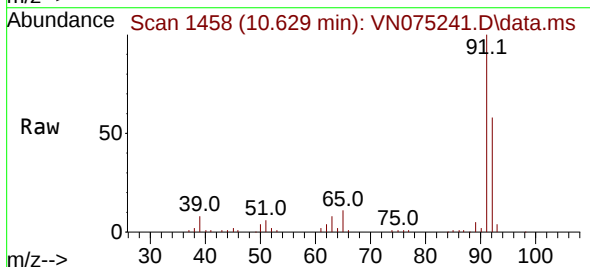
Manual Integrations
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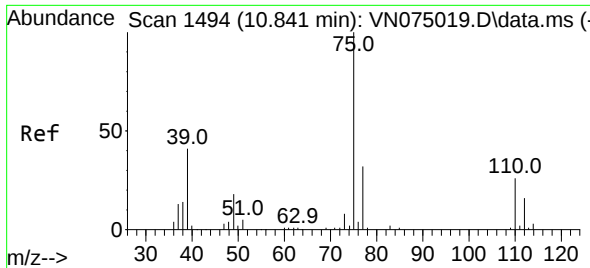
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#52
Toluene
Concen: 20.784 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

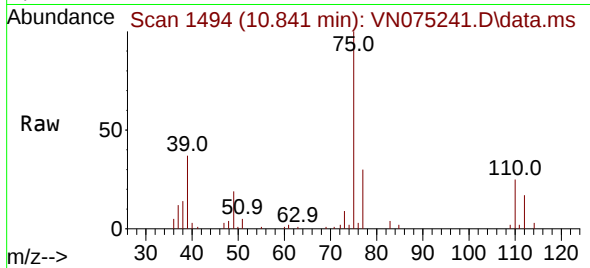
Tgt Ion: 92 Resp: 77374
Ion Ratio Lower Upper
92 100
91 173.9 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 19.535 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

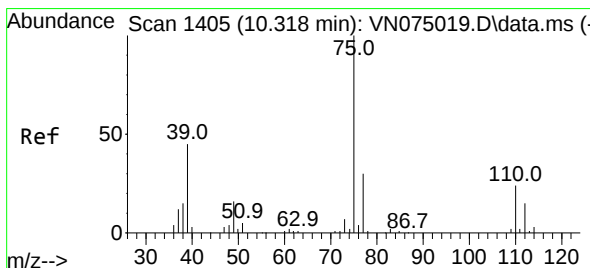
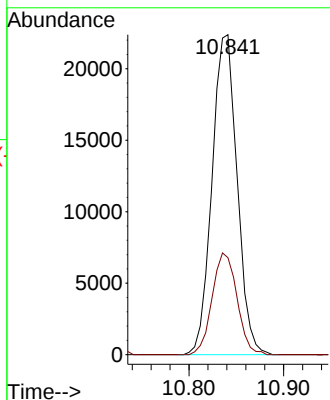
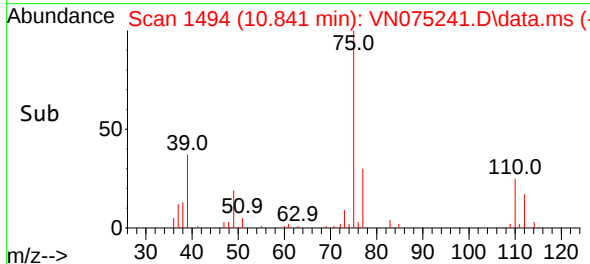
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01



Tgt Ion: 75 Resp: 41229
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2

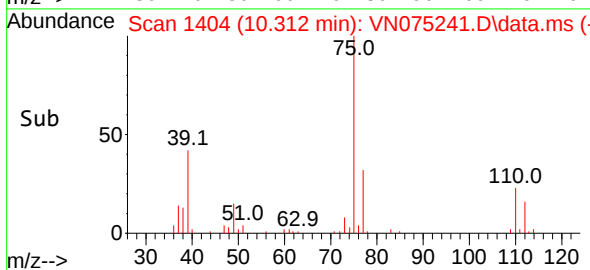
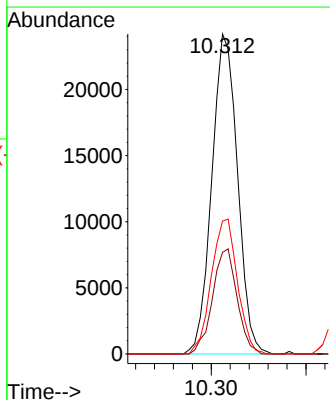
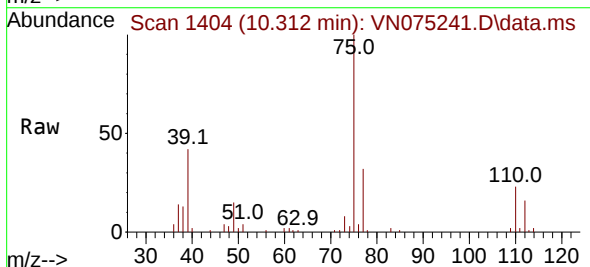
Manual Integrations
APPROVED

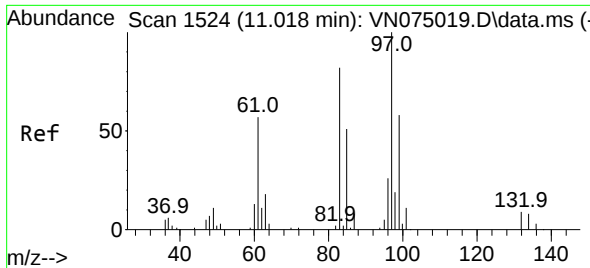
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#54
cis-1,3-Dichloropropene
Concen: 20.378 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion: 75 Resp: 45615
Ion Ratio Lower Upper
75 100
77 31.7 23.7 35.5
39 41.5 35.8 53.6





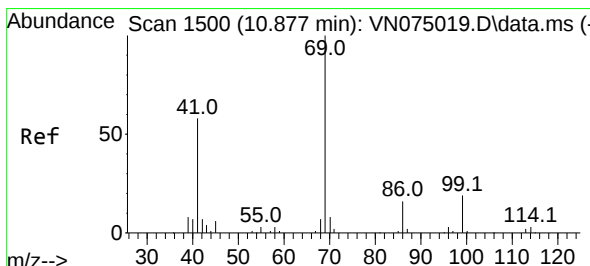
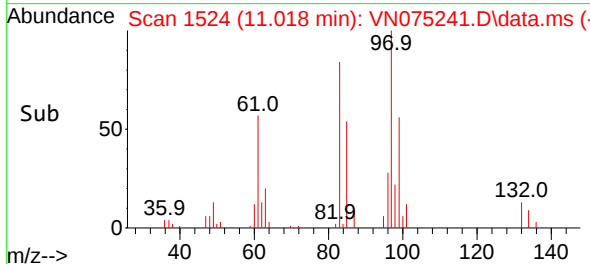
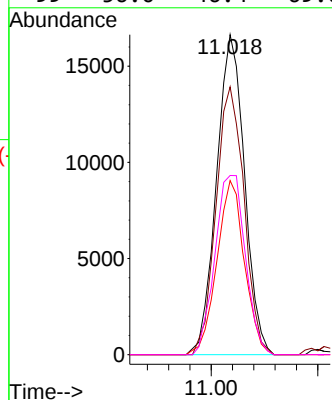
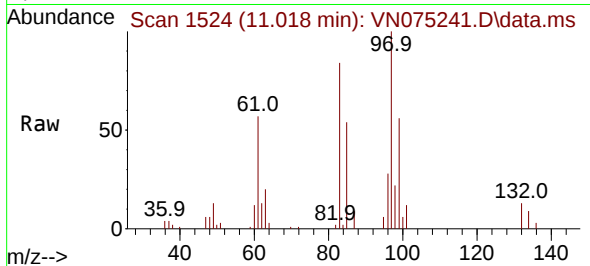
#55
1,1,2-Trichloroethane
Concen: 20.546 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion: 97	Resp: 3032
Ion Ratio	Lower Upper
97 100	
83 83.7	65.9 98.9
85 54.4	40.4 60.6
99 56.0	46.4 69.6

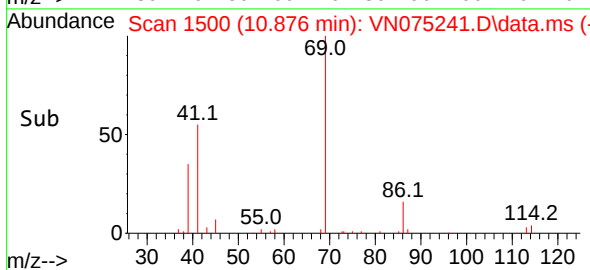
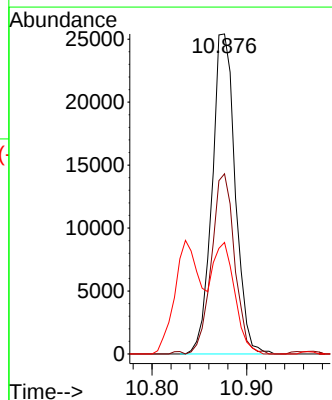
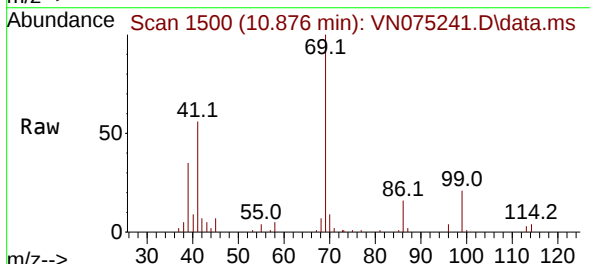
Manual Integrations
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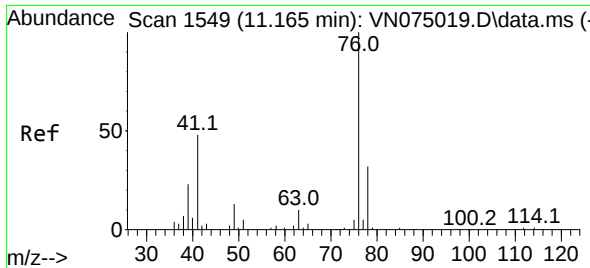
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#56
Ethyl methacrylate
Concen: 19.142 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

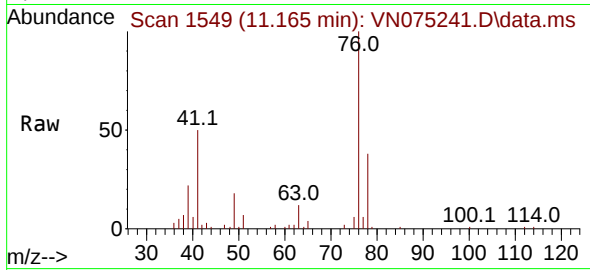
Tgt Ion: 69	Resp: 43099
Ion Ratio	Lower Upper
69 100	
41 56.6	45.6 68.4
39 32.6	28.5 42.7





#57
1,3-Dichloropropane
Concen: 20.825 ug/l
RT: 11.165 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

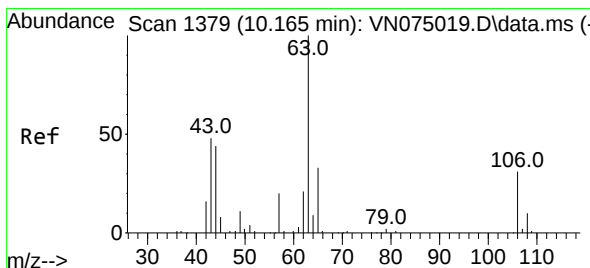
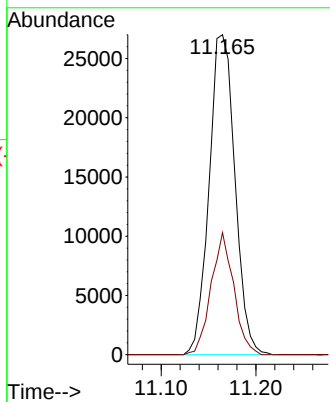
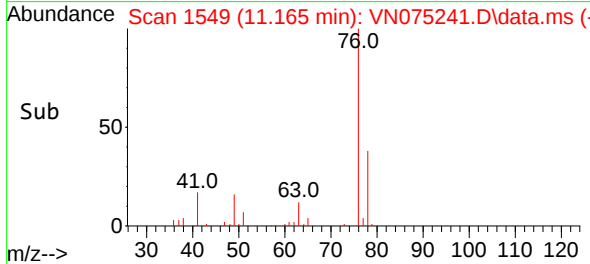
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01



Tgt Ion: 76 Resp: 51192
Ion Ratio Lower Upper
76 100
78 33.5 25.8 38.6

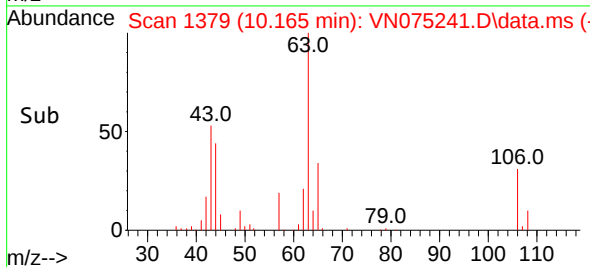
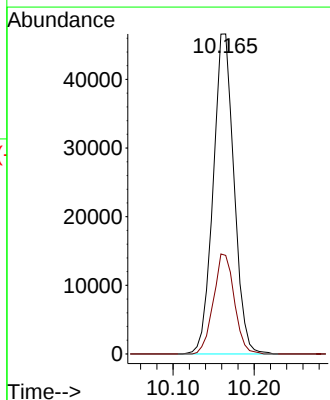
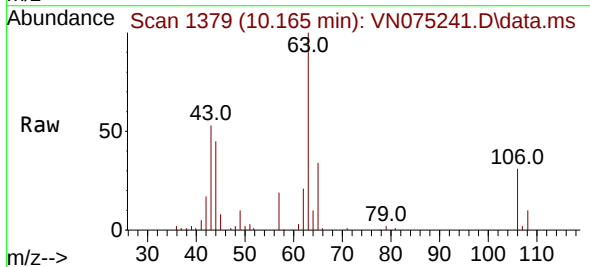
Manual Integrations
APPROVED

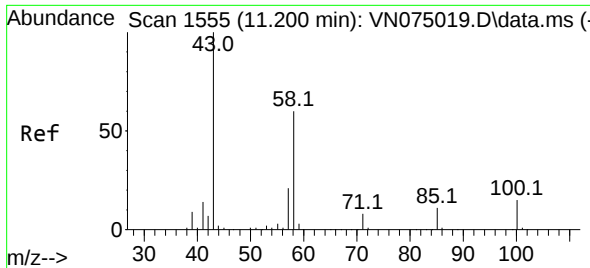
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#58
2-Chloroethyl Vinyl ether
Concen: 95.641 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

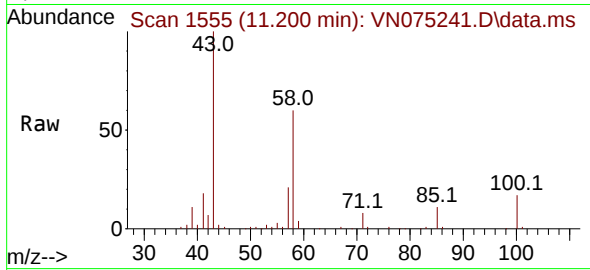
Tgt Ion: 63 Resp: 83251
Ion Ratio Lower Upper
63 100
106 31.2 24.8 37.2





#59
2-Hexanone
Concen: 89.479 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

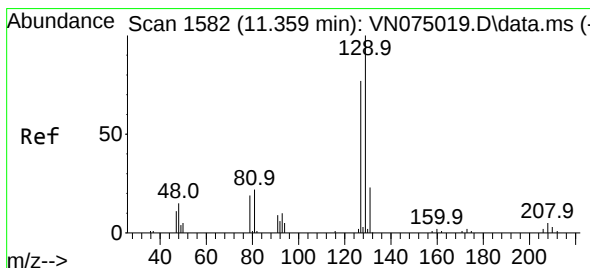
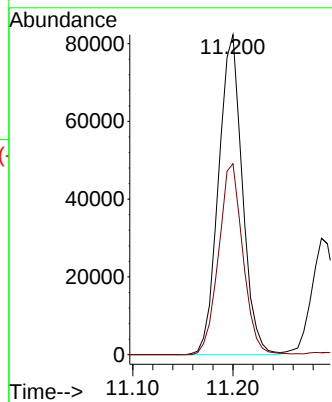
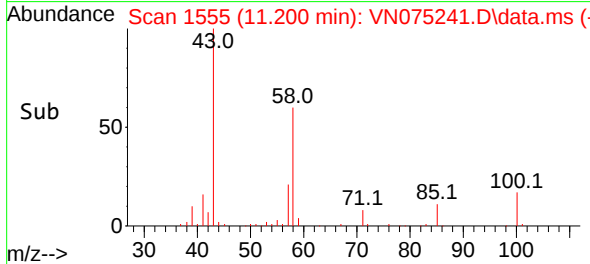
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01



Tgt Ion: 43 Resp: 135590
Ion Ratio Lower Upper
43 100
58 60.9 29.6 88.8

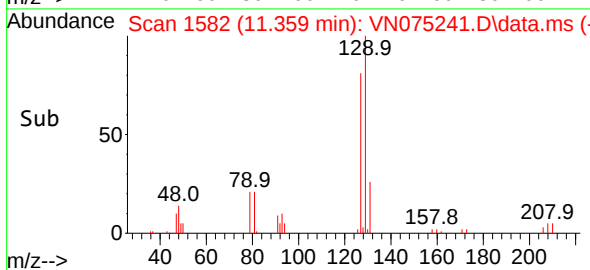
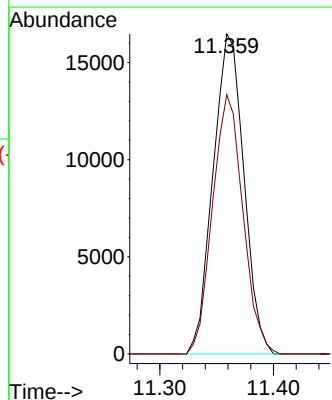
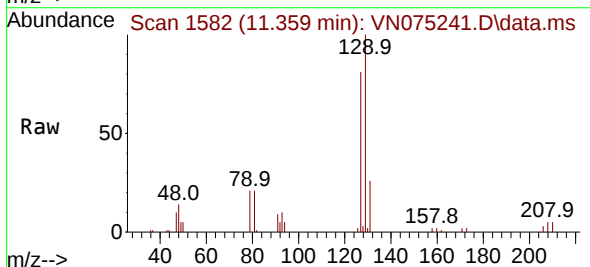
Manual Integrations
APPROVED

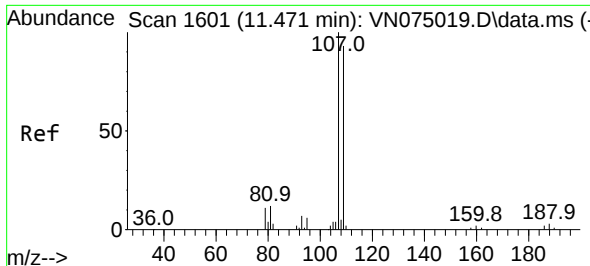
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#60
Dibromochloromethane
Concen: 19.941 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion:129 Resp: 31055
Ion Ratio Lower Upper
129 100
127 80.0 38.6 115.8





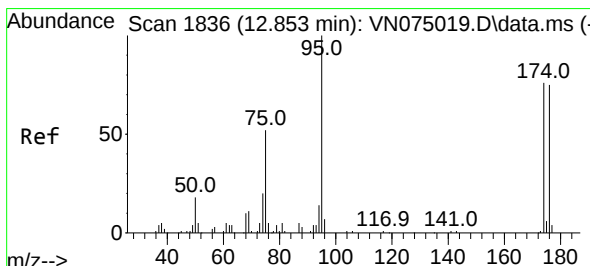
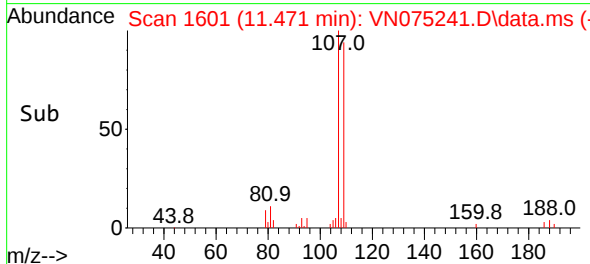
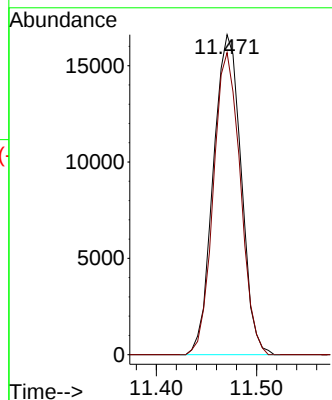
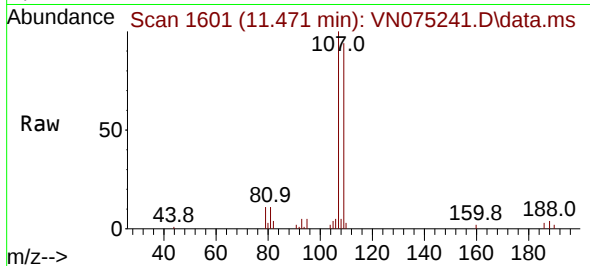
#61
1,2-Dibromoethane
Concen: 21.171 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion:107 Resp: 32020
Ion Ratio Lower Upper
107 100
109 91.3 75.6 113.4

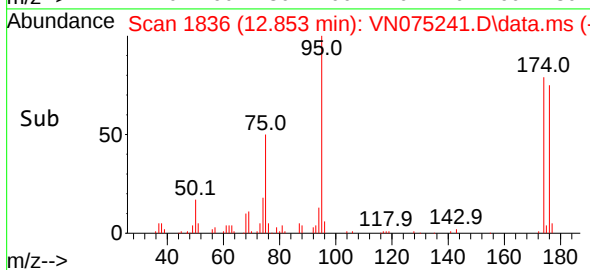
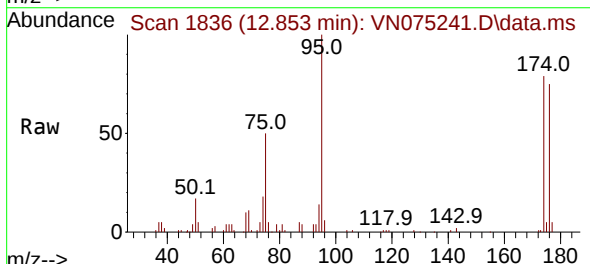
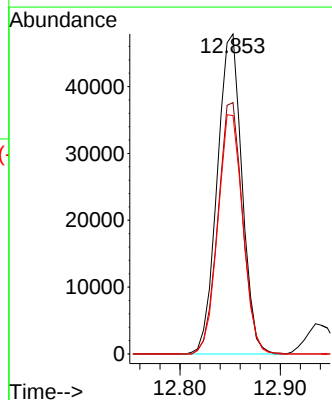
Manual Integrations
APPROVED

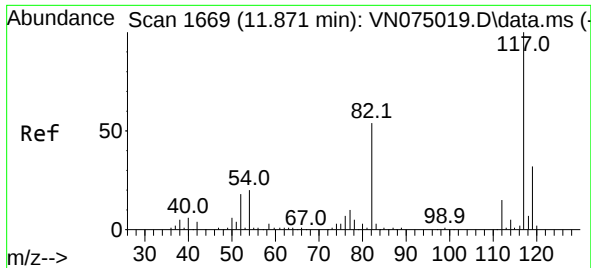
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#62
4-Bromofluorobenzene
Concen: 51.221 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

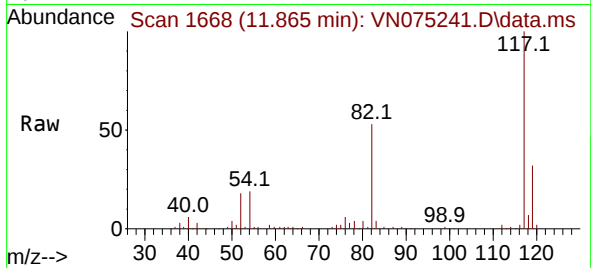
Tgt Ion: 95 Resp: 82012
Ion Ratio Lower Upper
95 100
174 78.4 0.0 147.4
176 75.4 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

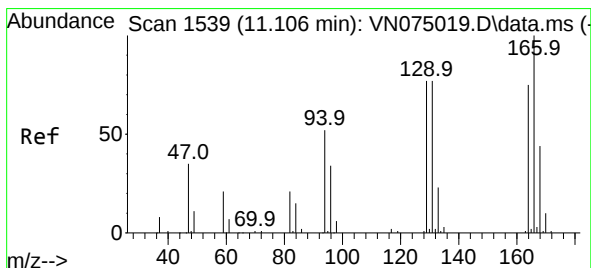
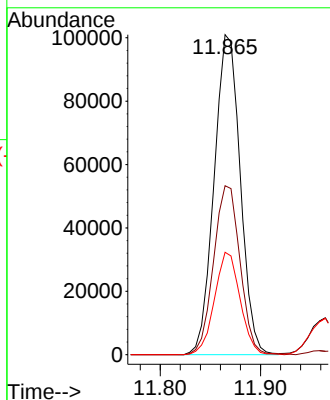
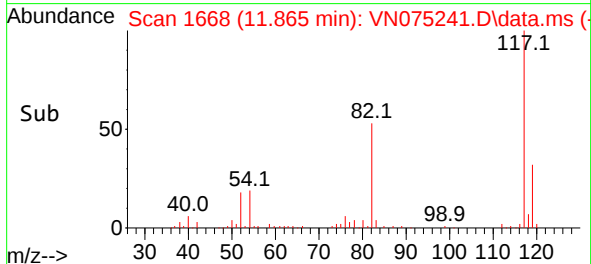
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01



Tgt Ion:117 Resp: 182574
Ion Ratio Lower Upper
117 100
82 52.8 43.1 64.7
119 32.0 25.5 38.3

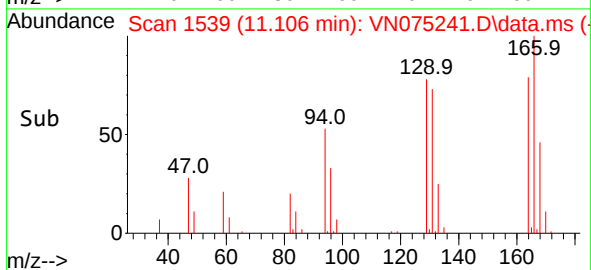
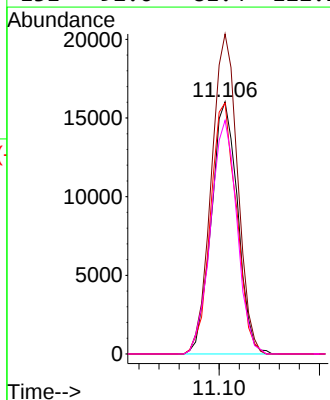
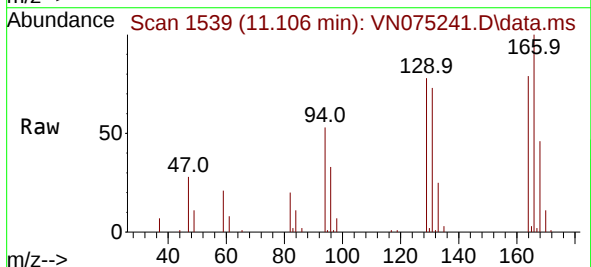
Manual Integrations
APPROVED

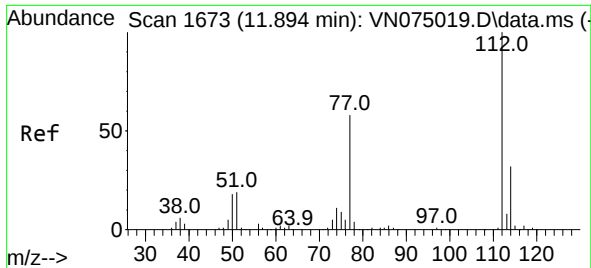
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#64
Tetrachloroethene
Concen: 26.110 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion:164 Resp: 29226
Ion Ratio Lower Upper
164 100
166 126.9 106.5 159.7
129 99.6 81.9 122.9
131 92.6 81.4 122.2





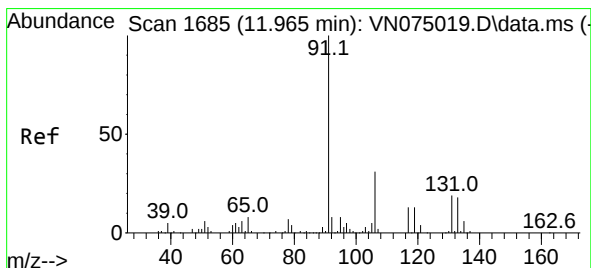
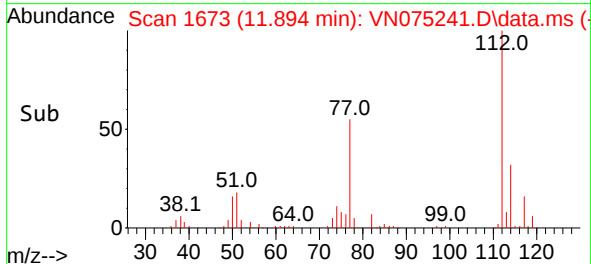
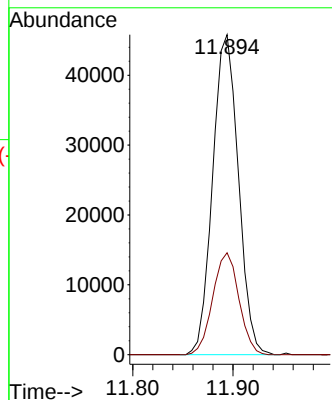
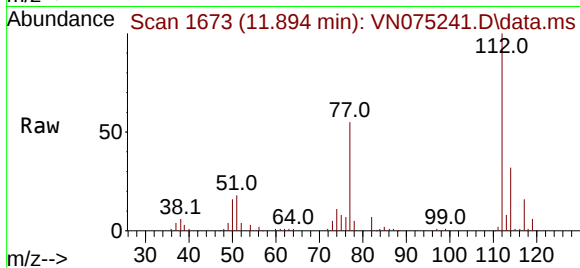
#65
Chlorobenzene
Concen: 20.942 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion:112 Resp: 81614
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

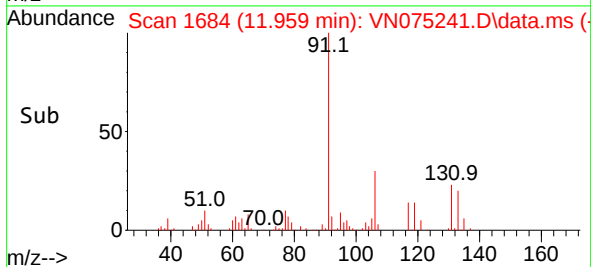
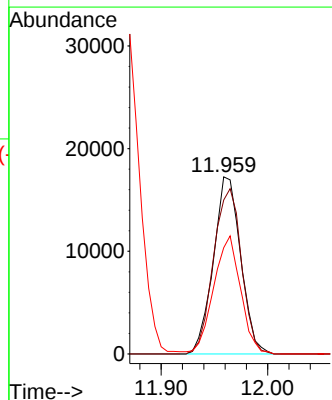
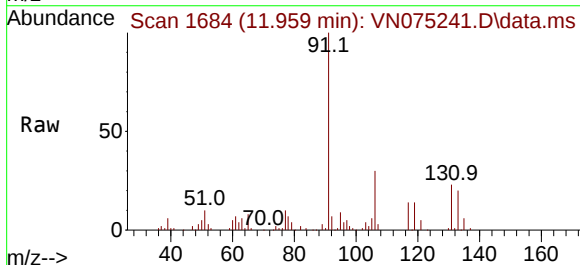
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.257 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

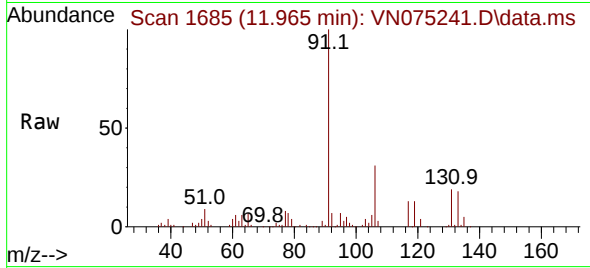
Tgt Ion:131 Resp: 30731
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.4
119 65.7 33.0 99.0





#67
Ethyl Benzene
Concen: 20.500 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

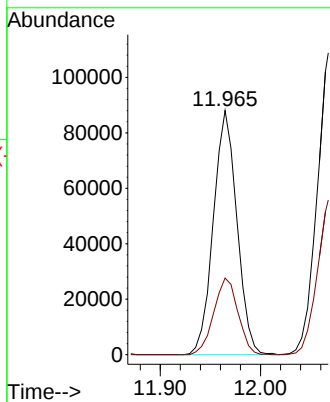
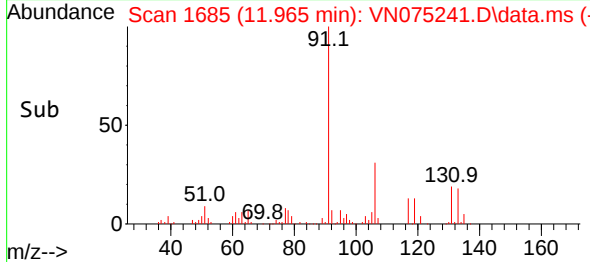
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01



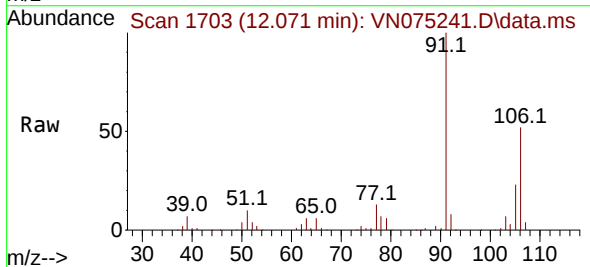
Tgt Ion: 91 Resp: 143733
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

Manual Integrations
APPROVED

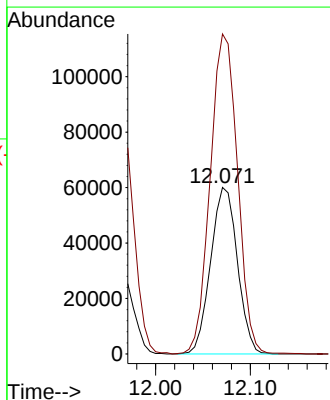
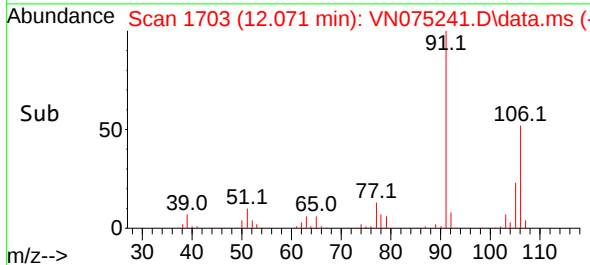
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

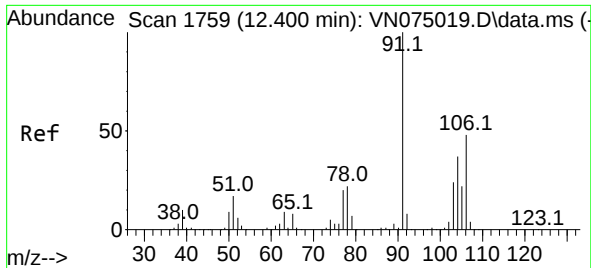


#68
m/p-Xylenes
Concen: 41.897 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19



Tgt Ion:106 Resp: 117871
Ion Ratio Lower Upper
106 100
91 196.4 156.0 234.0





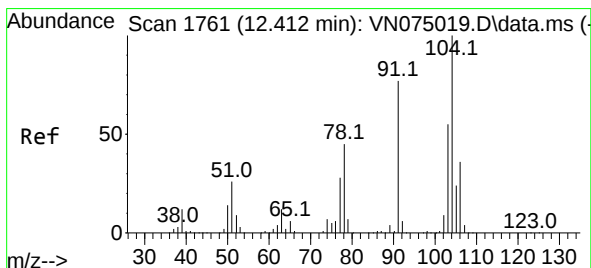
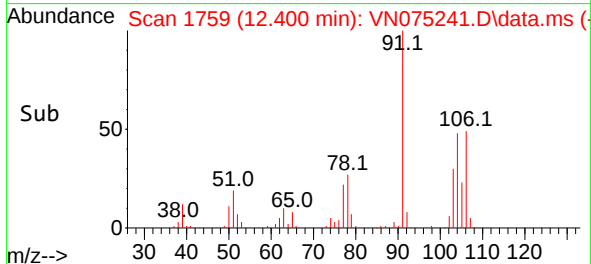
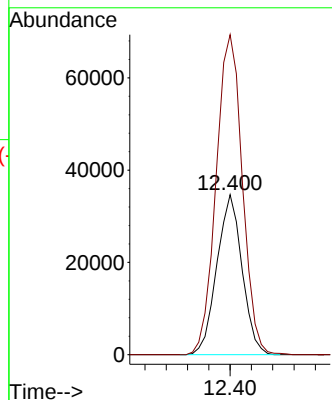
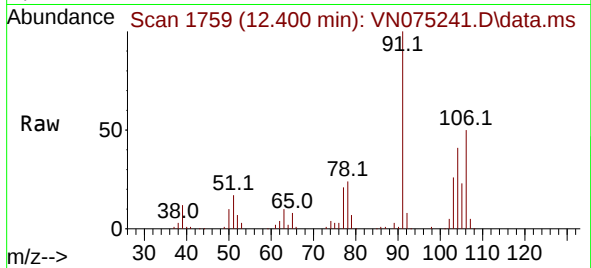
#69
o-Xylene
Concen: 20.437 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion:106 Resp: 56860
Ion Ratio Lower Upper
106 100
91 208.6 105.2 315.5

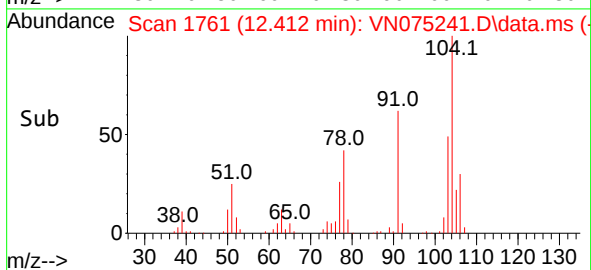
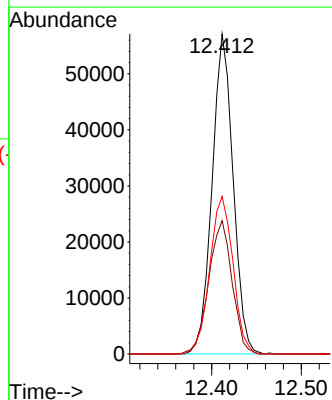
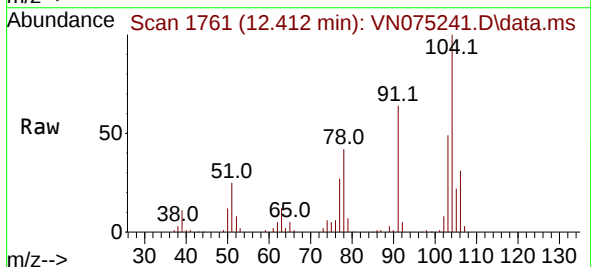
Manual Integrations
APPROVED

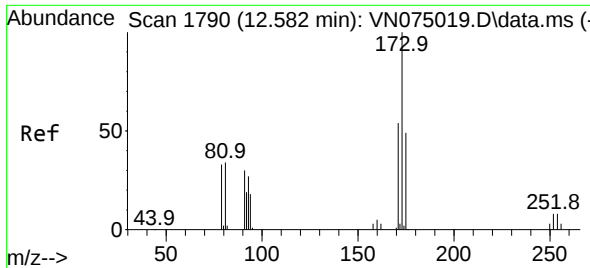
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#70
Styrene
Concen: 20.975 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion:104 Resp: 93051
Ion Ratio Lower Upper
104 100
78 46.1 38.1 57.1
103 54.3 44.6 66.8





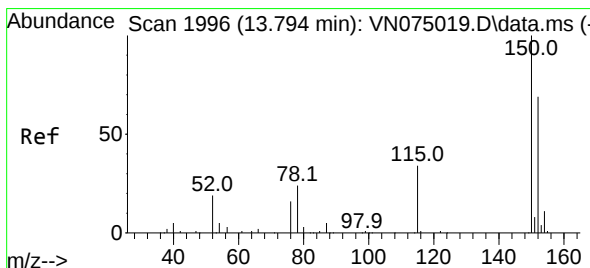
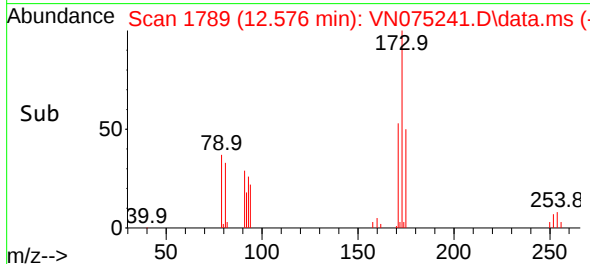
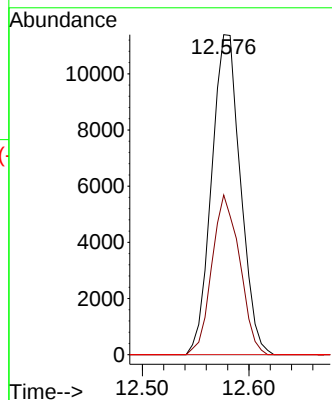
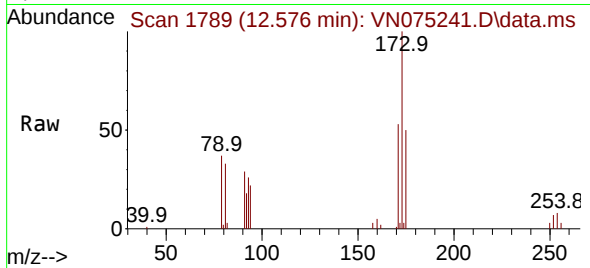
#71
Bromoform
Concen: 19.760 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion:173 Resp: 2138
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.0 0.0 0.0

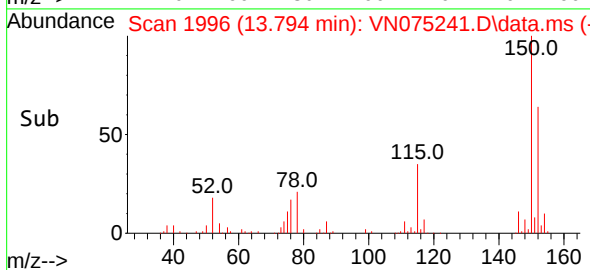
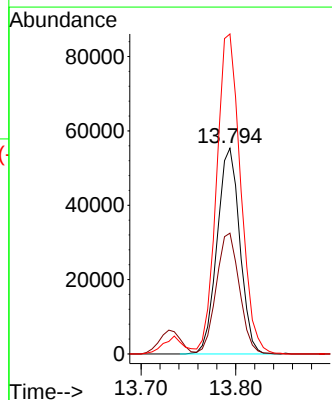
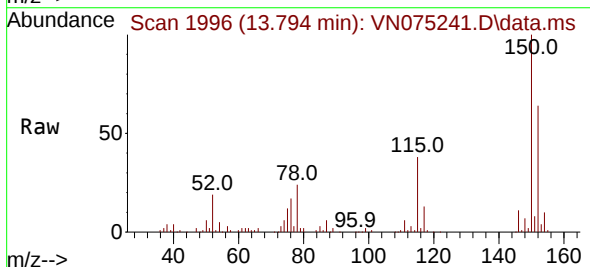
Manual Integrations
APPROVED

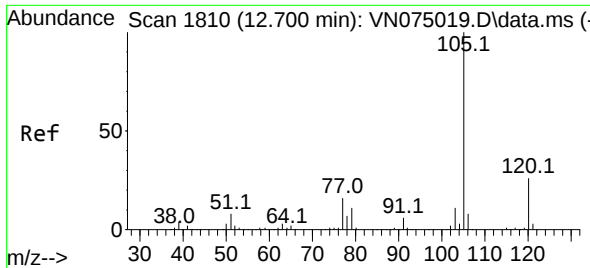
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion:152 Resp: 92145
Ion Ratio Lower Upper
152 100
115 60.0 30.2 90.6
150 164.4 0.0 348.4





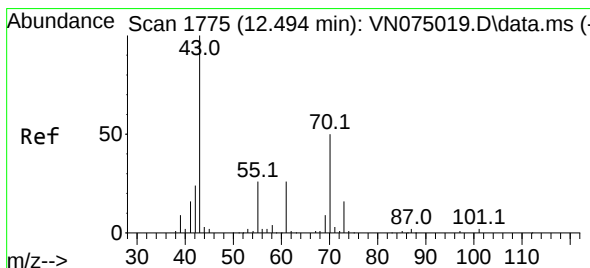
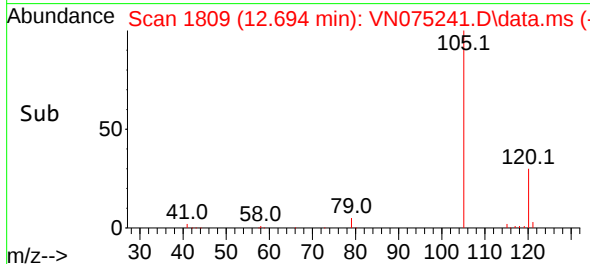
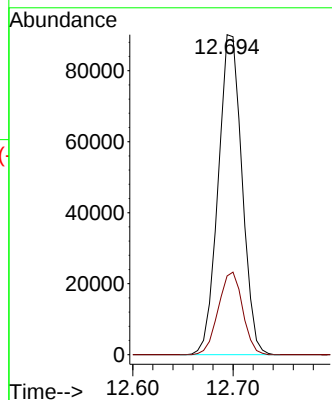
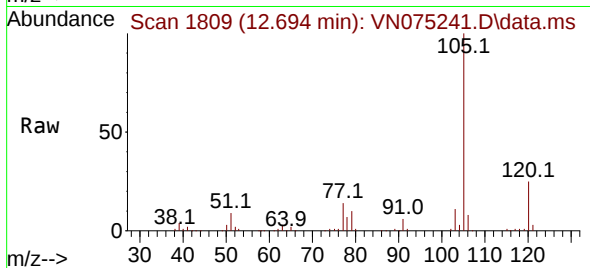
#73
Isopropylbenzene
Concen: 20.113 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion:105 Resp: 148788
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

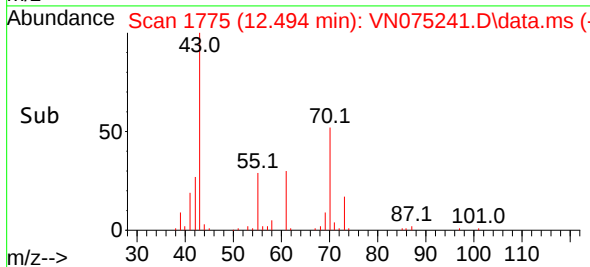
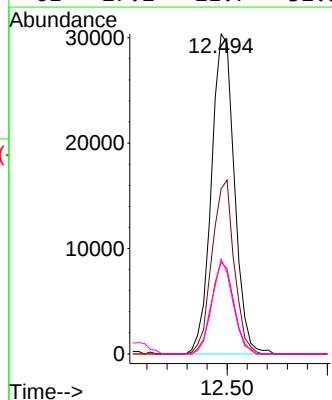
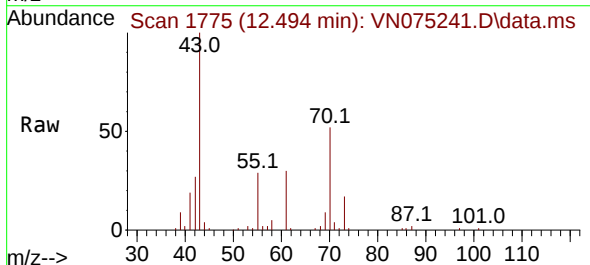
Manual Integrations
APPROVED

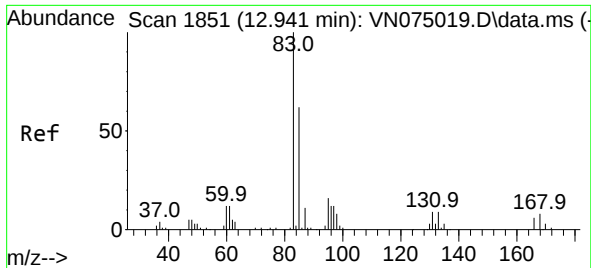
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#74
N-ethyl acetate
Concen: 17.666 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

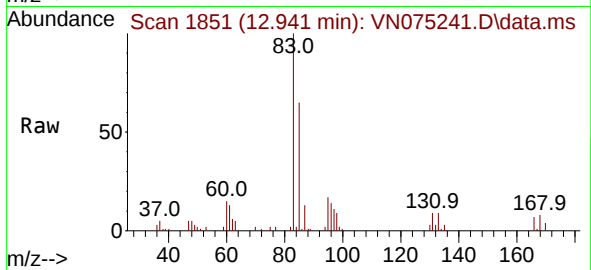
Tgt Ion: 43 Resp: 48333
Ion Ratio Lower Upper
43 100
70 52.4 39.8 59.8
55 27.9 19.9 29.9
61 27.2 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 19.357 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

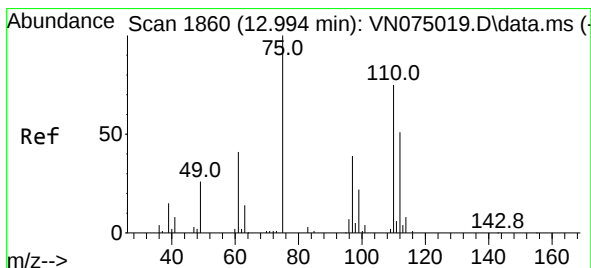
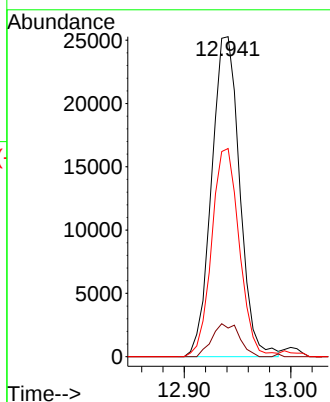
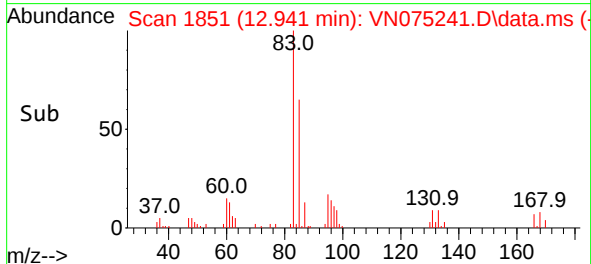
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01



Tgt Ion: 83 Resp: 46289
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 63.9 31.6 94.7

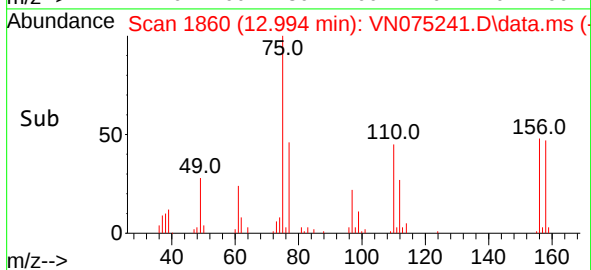
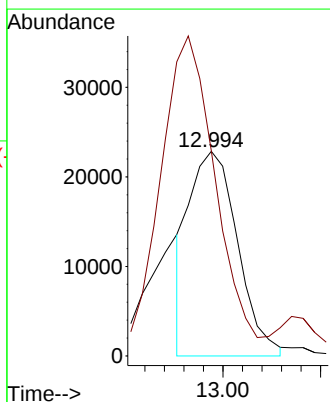
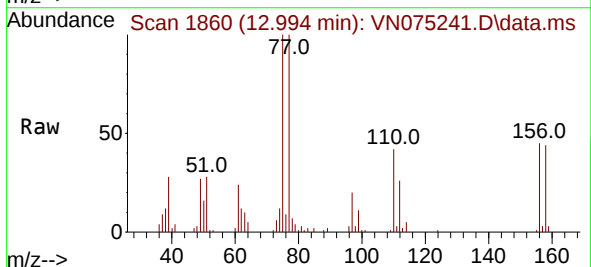
Manual Integrations
APPROVED

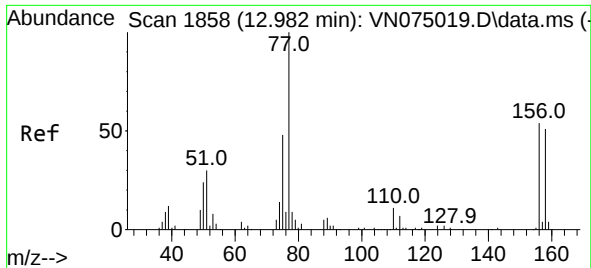
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#76
1,2,3-Trichloropropane
Concen: 20.025 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion: 75 Resp: 39179
Ion Ratio Lower Upper
75 100
77 180.9 75.6 226.8





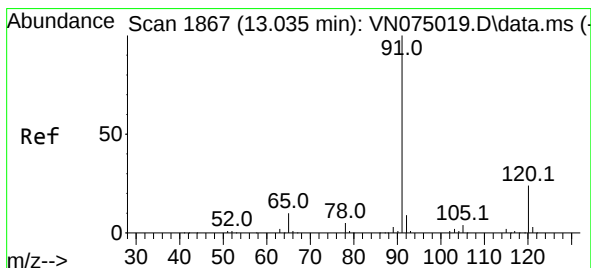
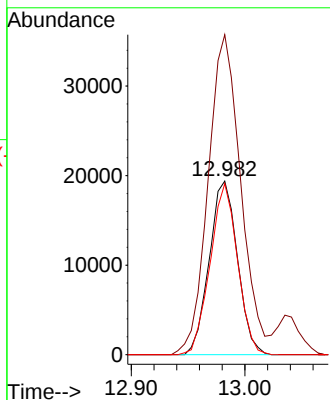
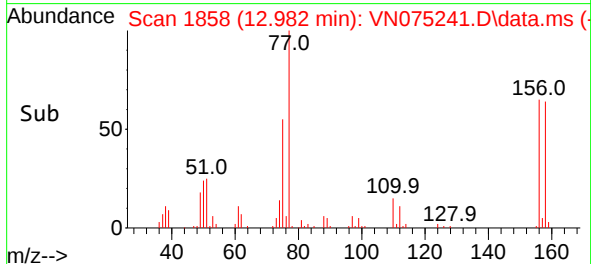
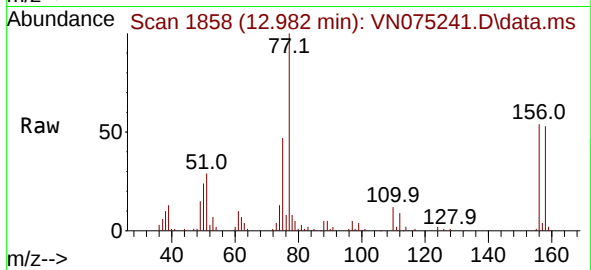
#77
Bromobenzene
Concen: 20.545 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion:156 Resp: 33464
Ion Ratio Lower Upper
156 100
77 211.8 108.5 325.5
158 95.5 47.7 143.1

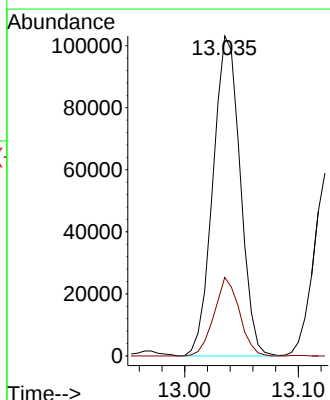
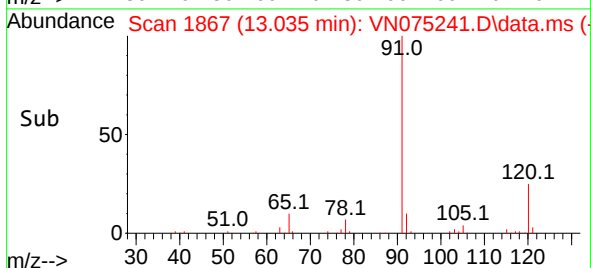
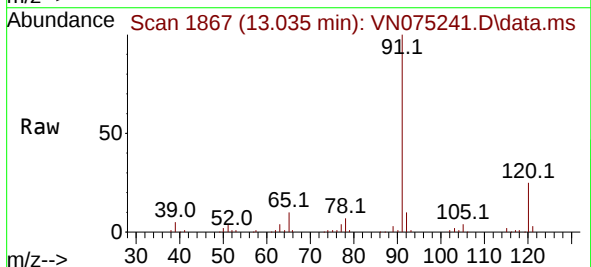
Manual Integrations
APPROVED

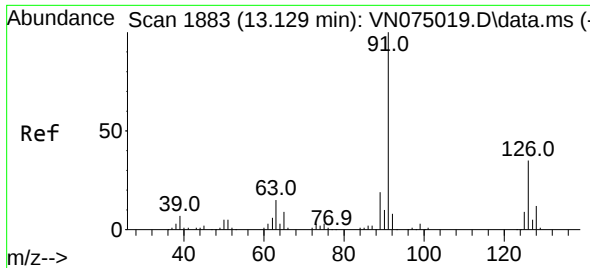
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#78
n-propylbenzene
Concen: 20.707 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion: 91 Resp: 171985
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.5





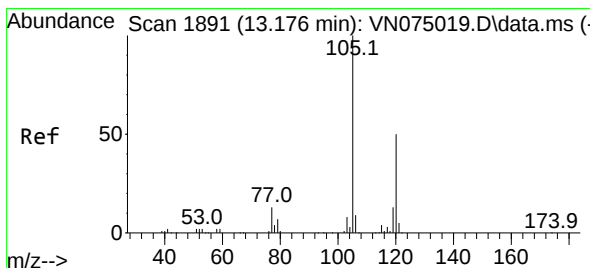
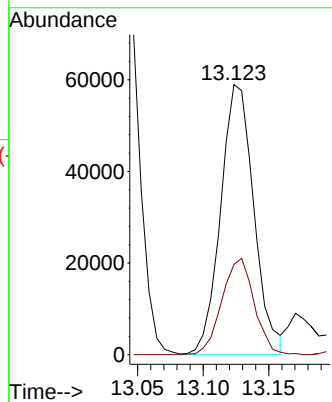
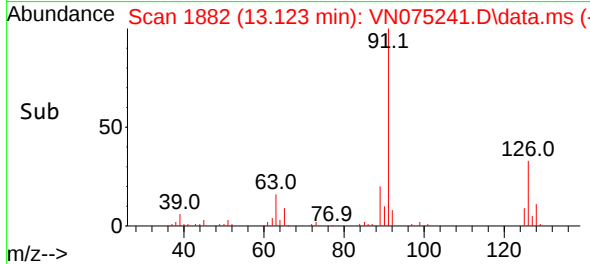
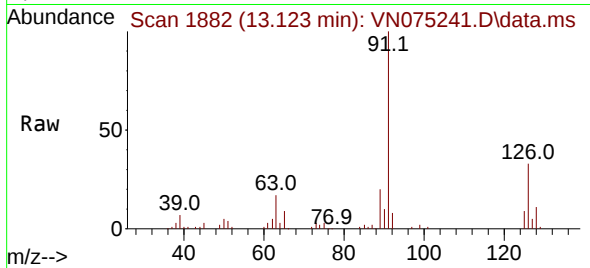
#79
2-Chlorotoluene
Concen: 20.509 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion: 91 Resp: 104089
Ion Ratio Lower Upper
91 100
126 34.6 16.9 50.7

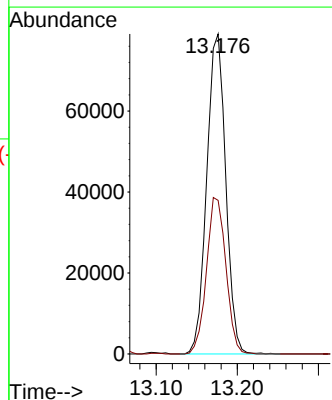
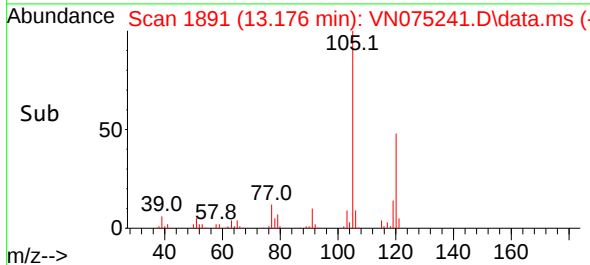
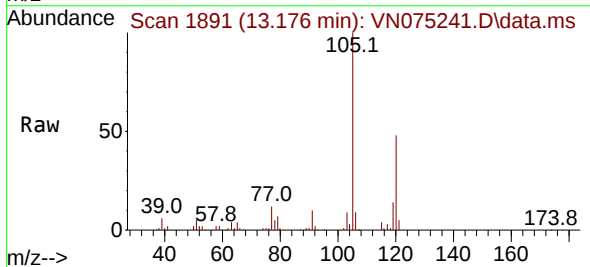
Manual Integrations
APPROVED

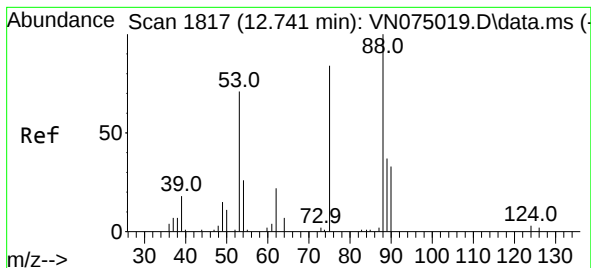
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.625 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

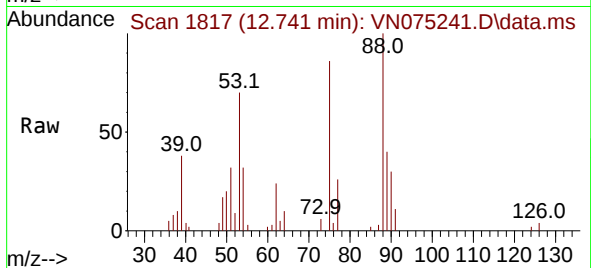
Tgt Ion:105 Resp: 128149
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.092 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

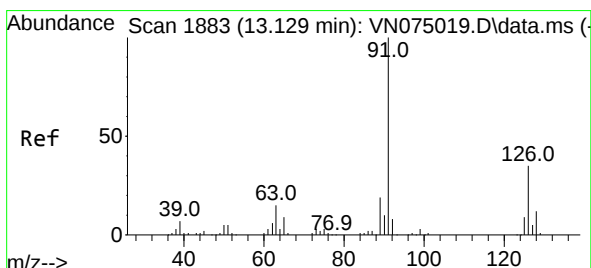
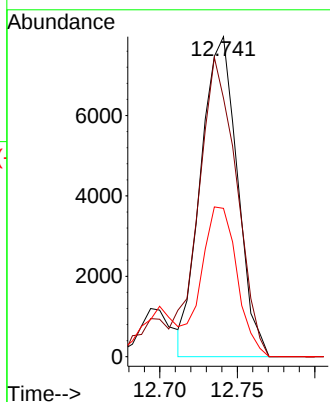
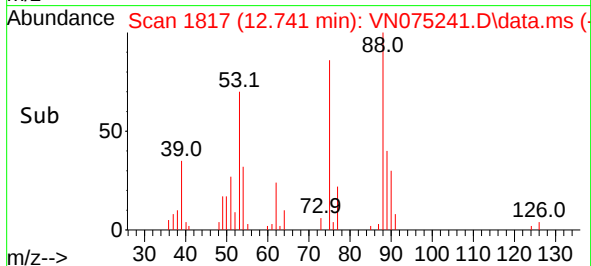
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01



Tgt Ion: 75 Resp: 1302
Ion Ratio Lower Upper
75 100
53 107.8 78.5 117.7
89 46.3 37.7 56.5

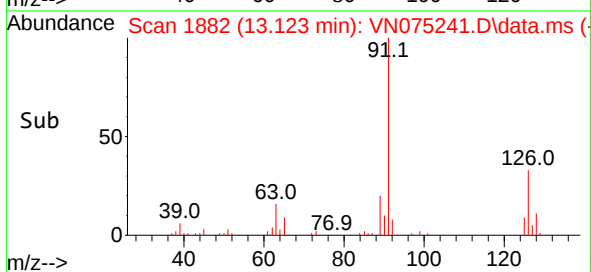
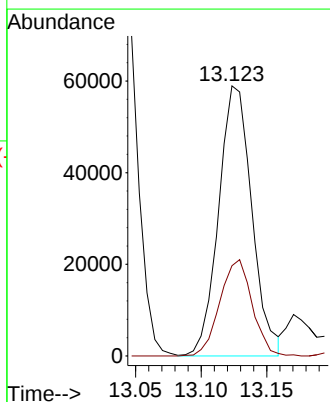
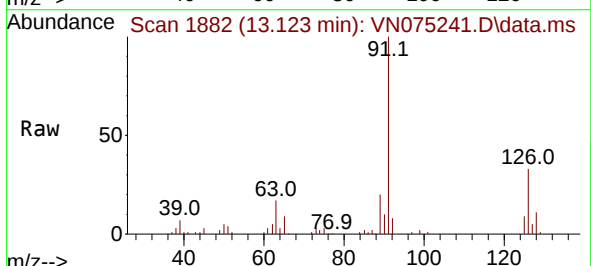
Manual Integrations
APPROVED

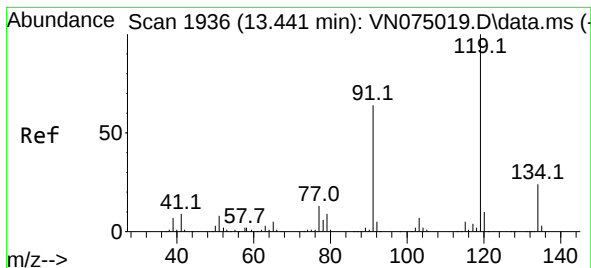
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#82
4-Chlorotoluene
Concen: 20.509 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Tgt Ion: 91 Resp: 104089
Ion Ratio Lower Upper
91 100
126 34.6 16.9 50.7





#83

tert-Butylbenzene

Concen: 20.159 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBS01

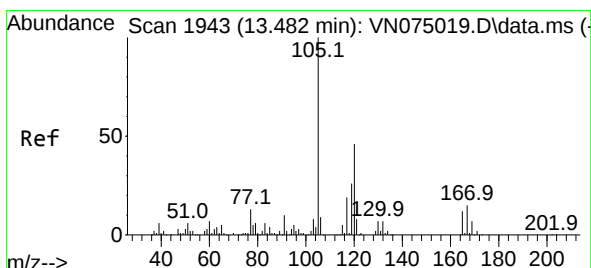
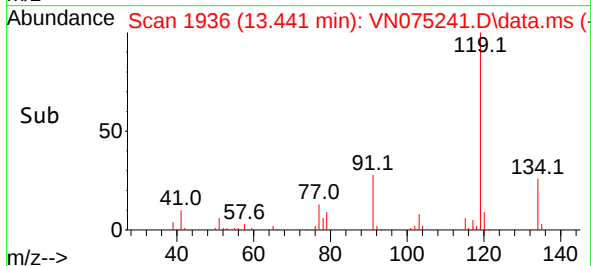
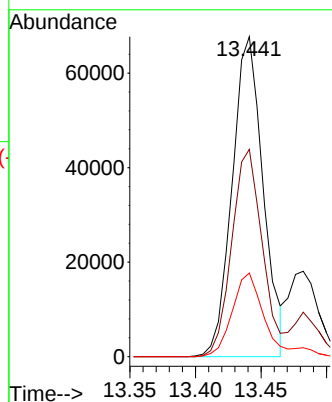
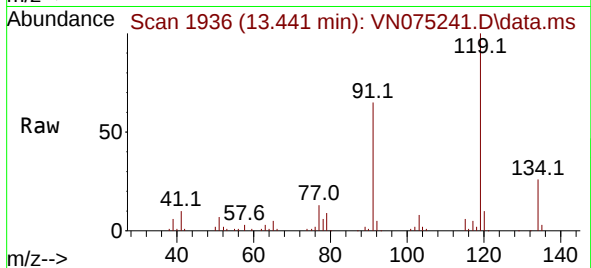
Tgt Ion:119 Resp: 111294
 Ion Ratio Lower Upper
 119 100
 91 63.6 32.8 98.4
 134 27.9 12.3 36.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#84

1,2,4-Trimethylbenzene

Concen: 20.943 ug/l

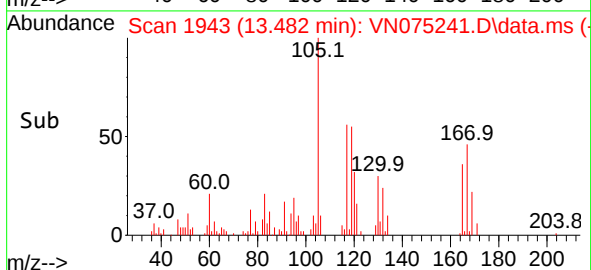
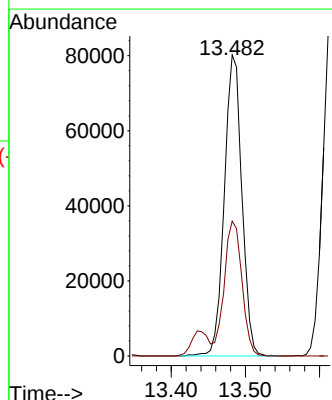
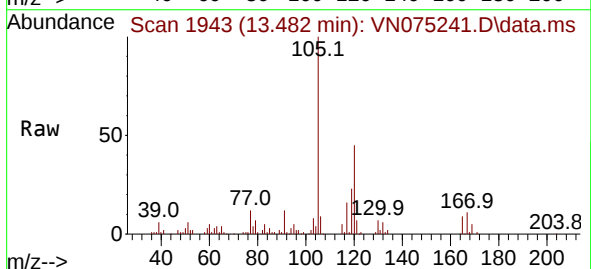
RT: 13.482 min Scan# 1943

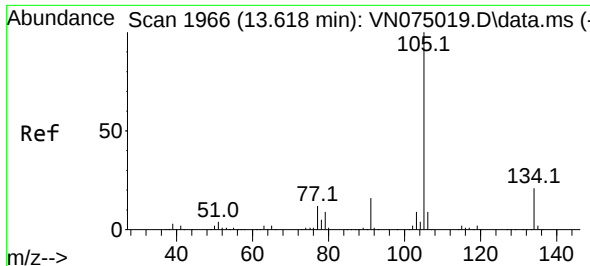
Delta R.T. 0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

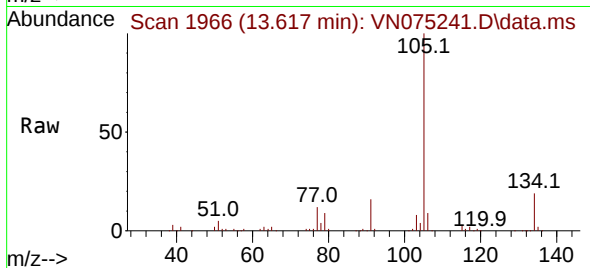
Tgt Ion:105 Resp: 131660
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.727 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075241.D
 Acq: 11 Nov 2022 12:19

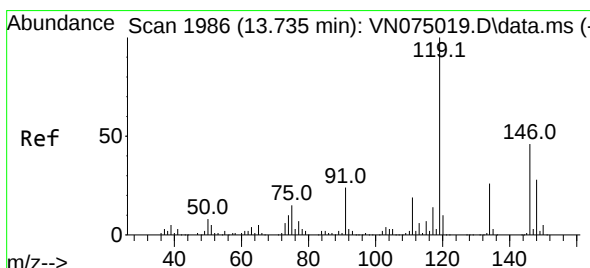
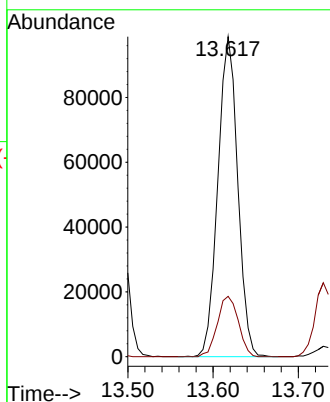
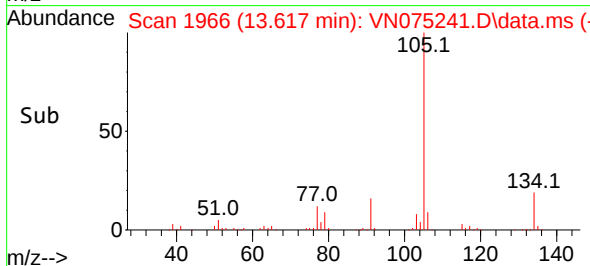
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBS01



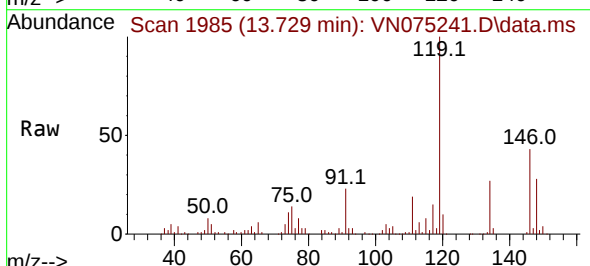
Tgt Ion:105 Resp: 160084
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.6

Manual Integrations
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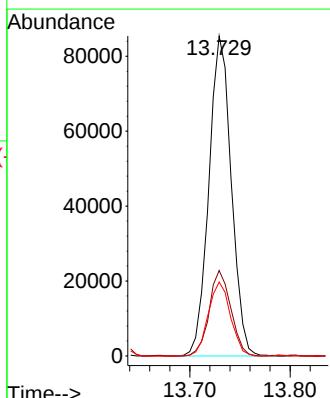
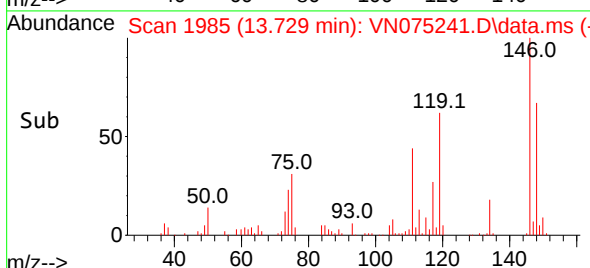
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

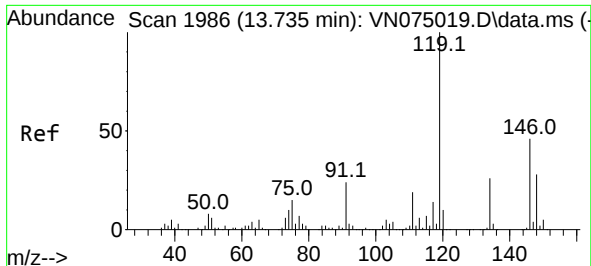


#86
 p-Isopropyltoluene
 Concen: 20.805 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075241.D
 Acq: 11 Nov 2022 12:19



Tgt Ion:119 Resp: 132707
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 22.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 21.165 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBS01

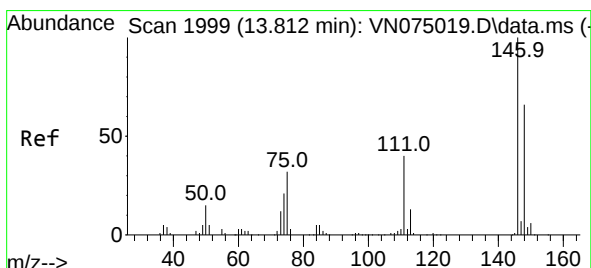
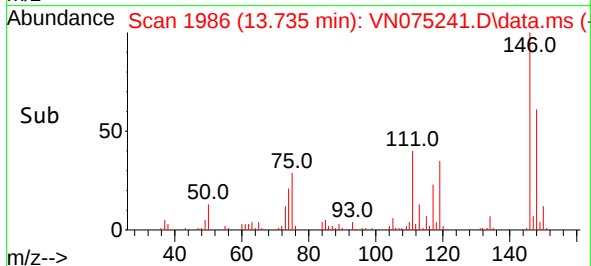
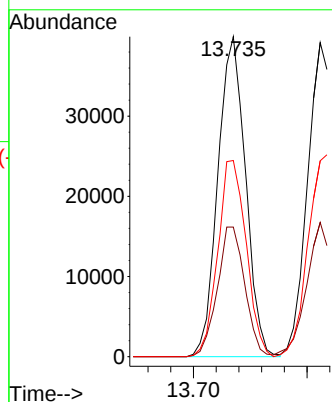
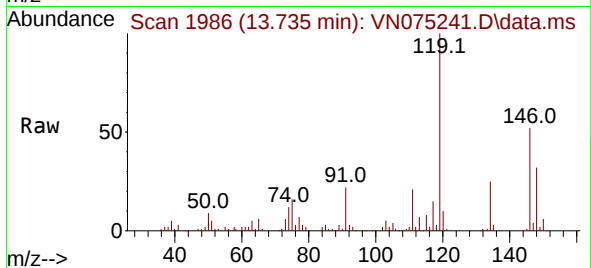
Tgt Ion:146 Resp: 67500
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.8 62.5
 148 62.8 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#88

1,4-Dichlorobenzene

Concen: 20.986 ug/l

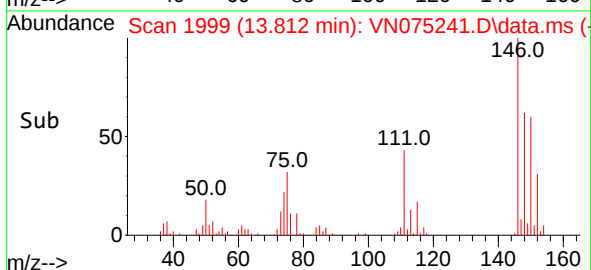
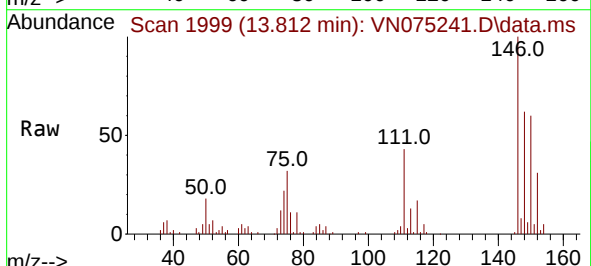
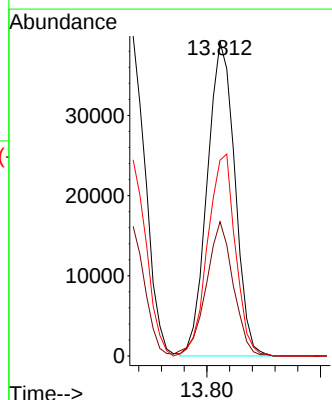
RT: 13.812 min Scan# 1999

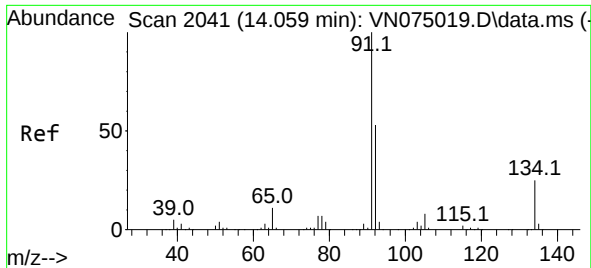
Delta R.T. -0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Tgt Ion:146 Resp: 66238
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.1 60.3
 148 64.4 31.9 95.7





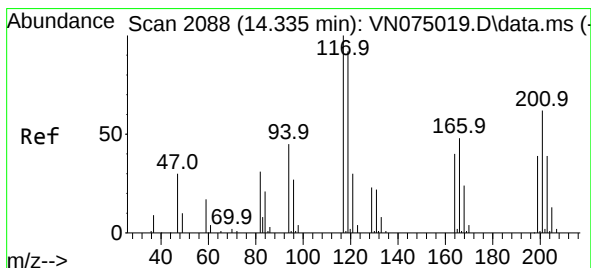
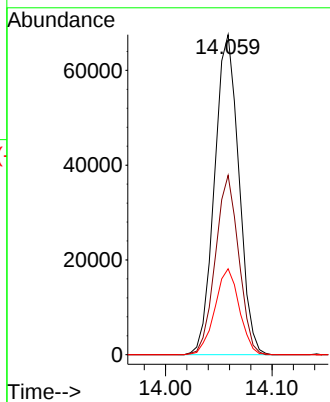
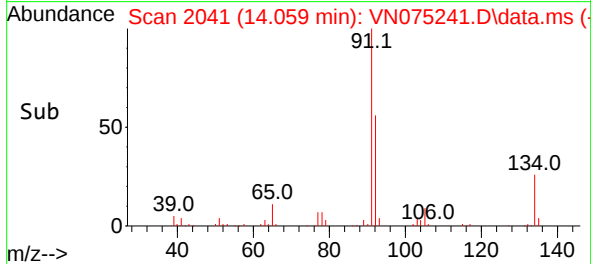
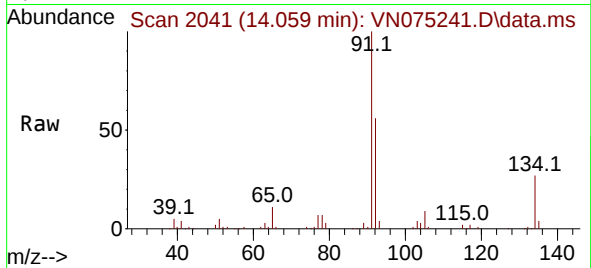
#89
n-Butylbenzene
Concen: 20.849 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Tgt Ion: 91 Resp: 107092
Ion Ratio Lower Upper
91 100
92 53.8 26.5 79.4
134 27.0 13.0 39.0

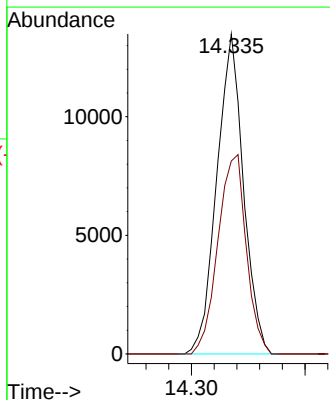
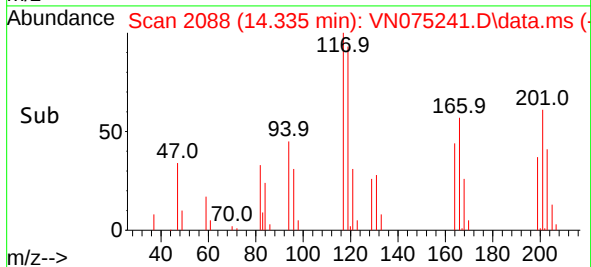
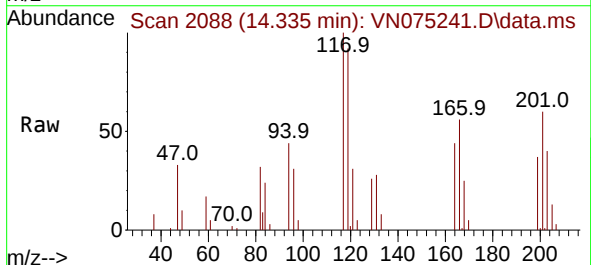
Manual Integrations
APPROVED

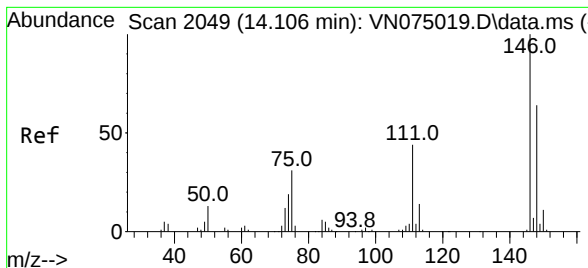
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#90
Hexachloroethane
Concen: 18.783 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

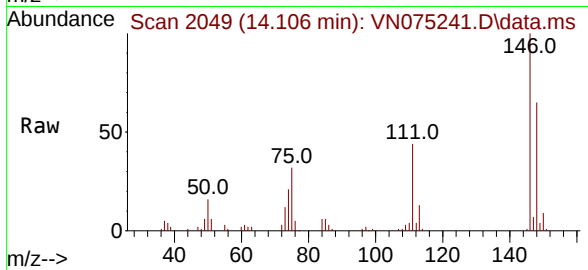
Tgt Ion:117 Resp: 21967
Ion Ratio Lower Upper
117 100
201 66.2 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 20.557 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

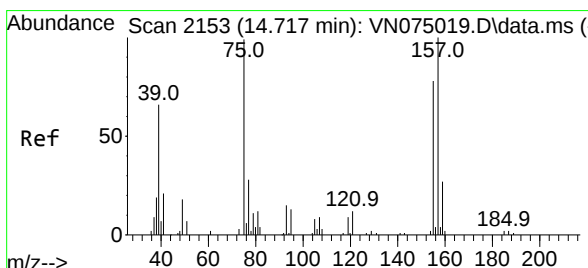
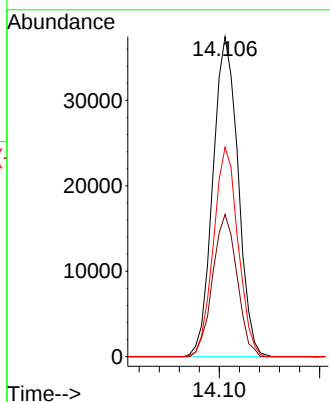
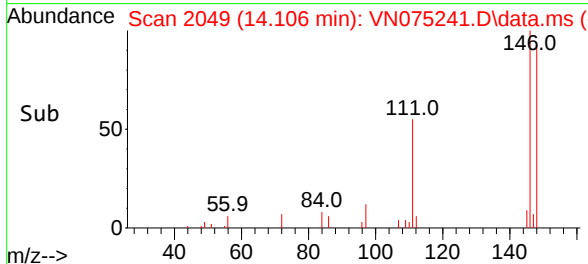
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01



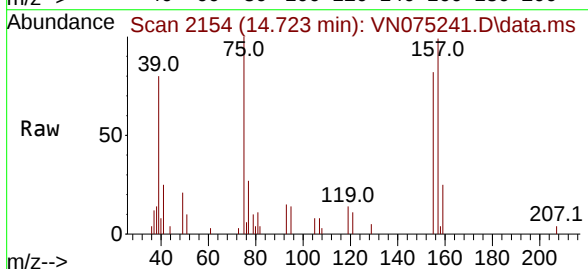
Tgt Ion:146 Resp: 6517
Ion Ratio Lower Upper
146 100
111 43.1 21.3 63.9
148 64.0 31.4 94.2

Manual Integrations
APPROVED

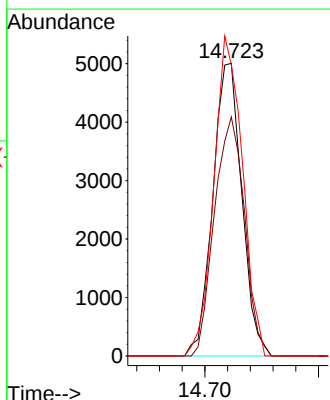
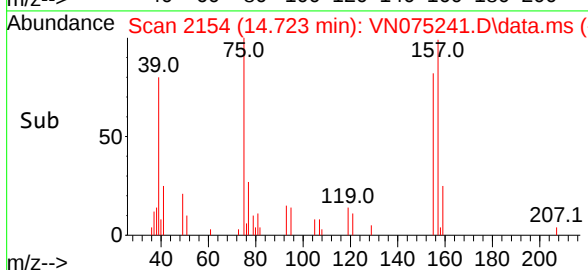
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

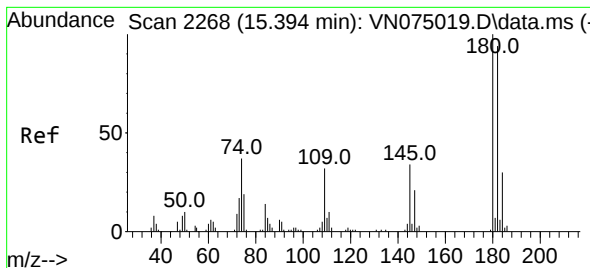


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.770 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19



Tgt Ion: 75 Resp: 8867
Ion Ratio Lower Upper
75 100
155 84.7 42.1 126.3
157 107.8 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 22.147 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBS01

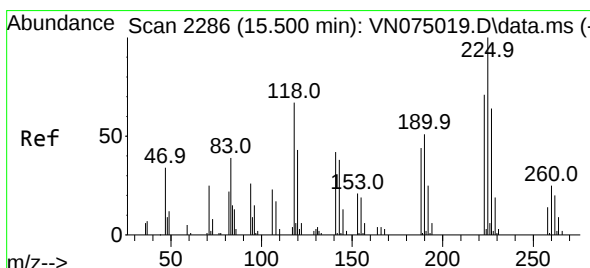
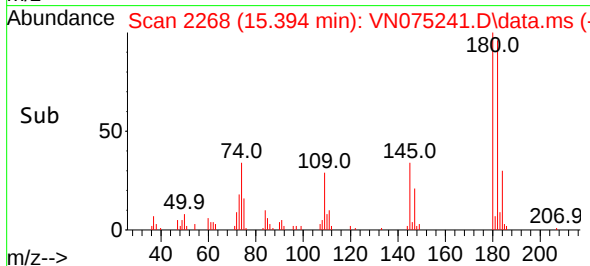
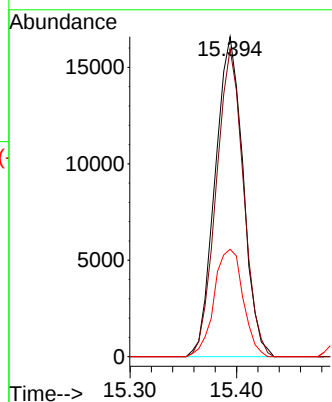
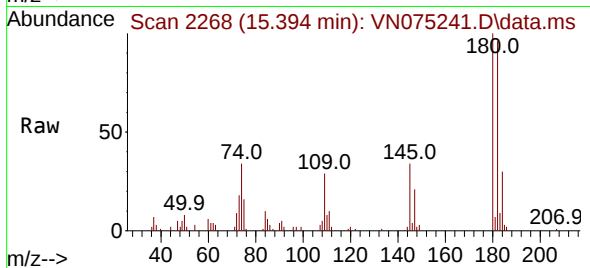
Tgt Ion:180	Resp:	30210
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.8 143.4
145	34.7	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#94

Hexachlorobutadiene

Concen: 23.408 ug/l

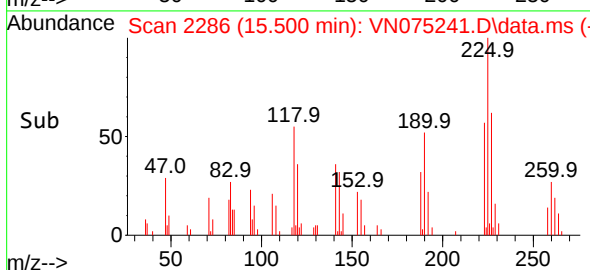
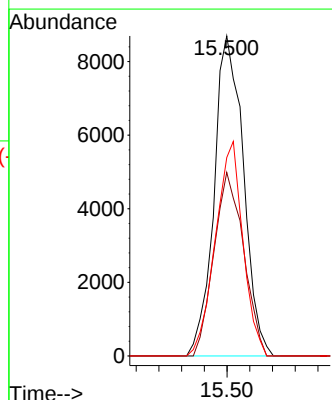
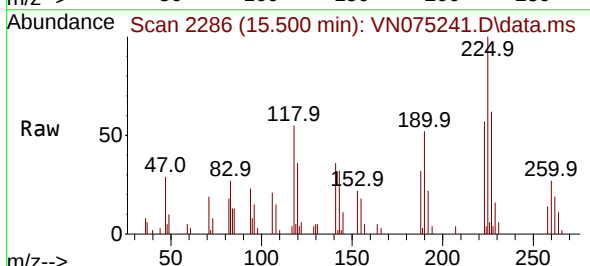
RT: 15.500 min Scan# 2286

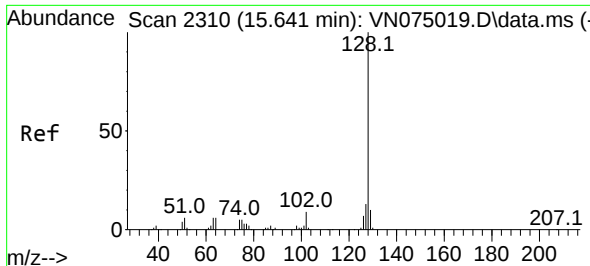
Delta R.T. -0.000 min

Lab File: VN075241.D

Acq: 11 Nov 2022 12:19

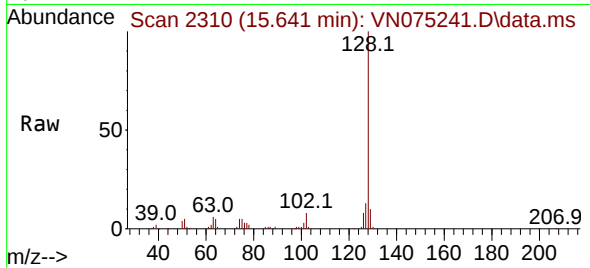
Tgt Ion:225	Resp:	15569
Ion Ratio	Lower	Upper
225	100	
223	58.2	32.3 96.9
227	63.0	32.0 96.2





#95
Naphthalene
Concen: 19.889 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19

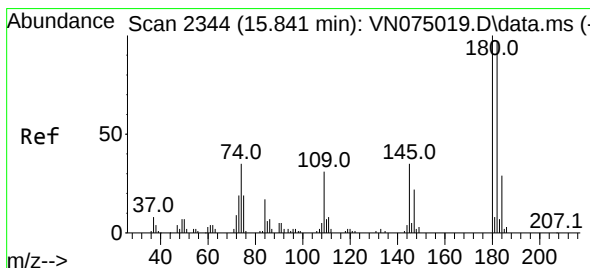
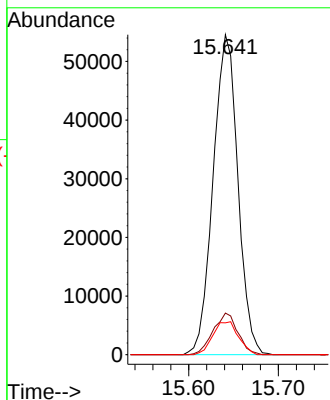
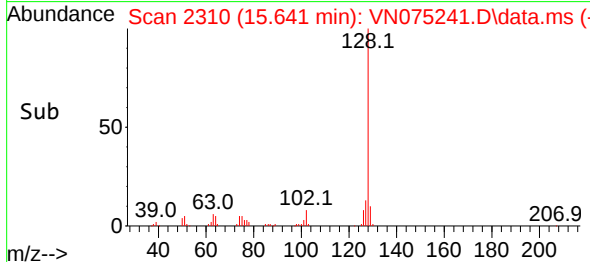
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01



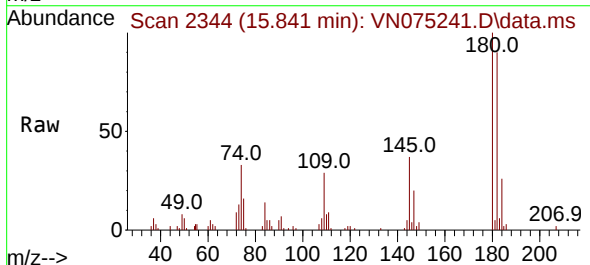
Tgt Ion:128 Resp: 104350
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.544 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075241.D
Acq: 11 Nov 2022 12:19



Tgt Ion:180 Resp: 29206
Ion Ratio Lower Upper
180 100
182 97.3 47.3 141.8
145 37.1 17.6 52.9

