

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074942.D
 Acq On : 20 Oct 2022 15:16
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 21 03:05:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	477402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	813964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	897952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	596475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	256712	22.382	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	44.760%#		
35) Dibromofluoromethane	8.171	113	208379	23.425	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	46.840%#		
50) Toluene-d8	10.571	98	798254	22.393	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	44.780%#		
62) 4-Bromofluorobenzene	12.847	95	275224	26.854	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	53.700%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	146395	18.339	ug/l	98
3) Chloromethane	2.377	50	176348	15.153	ug/l	98
4) Vinyl Chloride	2.524	62	248469	13.528	ug/l	99
5) Bromomethane	2.942	94	198266	11.119	ug/l	94
6) Chloroethane	3.112	64	193852	11.591	ug/l	91
7) Trichlorofluoromethane	3.506	101	258187	20.221	ug/l	96
8) Diethyl Ether	3.977	74	102638	18.128	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	156501	20.146	ug/l	99
10) Methyl Iodide	4.606	142	206602	19.153	ug/l	99
11) Tert butyl alcohol	5.547	59	254653	95.084	ug/l	99
12) 1,1-Dichloroethene	4.353	96	135434	17.965	ug/l	95
13) Acrolein	4.189	56	137158	78.021	ug/l	96
14) Allyl chloride	5.036	41	219699	15.936	ug/l	95
15) Acrylonitrile	5.736	53	526883	84.797	ug/l	99
16) Acetone	4.436	43	513269	96.389	ug/l	97
17) Carbon Disulfide	4.718	76	284415	17.218	ug/l	98
18) Methyl Acetate	5.042	43	300506	15.922	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	574876	19.689	ug/l	98
20) Methylene Chloride	5.294	84	177332	16.471	ug/l #	93
21) trans-1,2-Dichloroethene	5.800	96	149923	18.194	ug/l	91
22) Diisopropyl ether	6.689	45	510115	17.324	ug/l	95
23) Vinyl Acetate	6.618	43	2046577m	86.523	ug/l	
24) 1,1-Dichloroethane	6.577	63	314891	18.279	ug/l	97
25) 2-Butanone	7.494	43	739548	85.374	ug/l	100
26) 2,2-Dichloropropane	7.494	77	290430	21.226	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	197944	18.894	ug/l	97
28) Bromochloromethane	7.812	49	141861	18.353	ug/l	98
29) Tetrahydrofuran	7.847	42	461680	79.323	ug/l	98
30) Chloroform	7.971	83	345877	19.480	ug/l	95
31) Cyclohexane	8.265	56	253180	17.953	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	312676	20.782	ug/l	94
36) 1,1-Dichloropropene	8.383	75	231909	19.099	ug/l	96
37) Ethyl Acetate	7.565	43	286567	17.584	ug/l	99
38) Carbon Tetrachloride	8.365	117	259097	21.448	ug/l	96
39) Methylcyclohexane	9.606	83	286226	20.719	ug/l	96
40) Benzene	8.612	78	734424	18.869	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	138384	16.154	ug/l	98
42) 1,2-Dichloroethane	8.677	62	288075	22.107	ug/l	100
43) Isopropyl Acetate	8.694	43	440989	16.732	ug/l	99
44) Trichloroethene	9.353	130	176384	20.061	ug/l	98
45) 1,2-Dichloropropane	9.624	63	189687	18.004	ug/l	94
46) Dibromomethane	9.712	93	139095	20.562	ug/l	98
47) Bromodichloromethane	9.888	83	284583	20.969	ug/l	99
48) Methyl methacrylate	9.682	41	204052	17.303	ug/l	95
49) 1,4-Dioxane	9.700	88	108702	410.873	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1483014	86.965	ug/l	99
52) Toluene	10.629	92	477603	19.936	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	293295	21.062	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	308206	20.511	ug/l	99
55) 1,1,2-Trichloroethane	11.024	97	197982	19.959	ug/l	98
56) Ethyl methacrylate	10.876	69	315805	20.004	ug/l	96
57) 1,3-Dichloropropane	11.165	76	346260	19.779	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	769396	118.755	ug/l	99
59) 2-Hexanone	11.194	43	1154675	92.068	ug/l	99
60) Dibromochloromethane	11.365	129	215290	22.180	ug/l	100
61) 1,2-Dibromoethane	11.471	107	207176	21.544	ug/l	97
64) Tetrachloroethene	11.106	164	140280	18.788	ug/l	91
65) Chlorobenzene	11.894	112	522557	20.498	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	198171	20.981	ug/l	99
67) Ethyl Benzene	11.965	91	959607	21.413	ug/l	99
68) m/p-Xylenes	12.071	106	746748	44.026	ug/l	100
69) o-Xylene	12.400	106	372104	21.109	ug/l	97
70) Styrene	12.412	104	603051	21.985	ug/l	99
71) Bromoform	12.582	173	152285	22.768	ug/l #	97
73) Isopropylbenzene	12.694	105	959855	18.107	ug/l	98
74) N-amyl acetate	12.494	43	392077	14.971	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	349233	16.886	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	309017m	20.612	ug/l	
77) Bromobenzene	12.982	156	209023	17.703	ug/l	99
78) n-propylbenzene	13.035	91	1127974	18.963	ug/l	98
79) 2-Chlorotoluene	13.123	91	678890	20.050	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	834178	20.124	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	99481	17.958	ug/l	93
82) 4-Chlorotoluene	13.123	91	678890	20.050	ug/l	97
83) tert-Butylbenzene	13.441	119	725704	18.814	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	847894	21.379	ug/l	99
85) sec-Butylbenzene	13.617	105	1052620	20.083	ug/l	100
86) p-Isopropyltoluene	13.729	119	871566	21.979	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	423805	21.527	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	421468	21.325	ug/l	98
89) n-Butylbenzene	14.059	91	757685	23.081	ug/l	98
90) Hexachloroethane	14.335	117	156601	18.783	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	419431	21.130	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	71801	21.564	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	188115	19.188	ug/l	98
94) Hexachlorobutadiene	15.500	225	96033	19.151	ug/l	99
95) Naphthalene	15.641	128	702104	19.184	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	184714	18.474	ug/l	98

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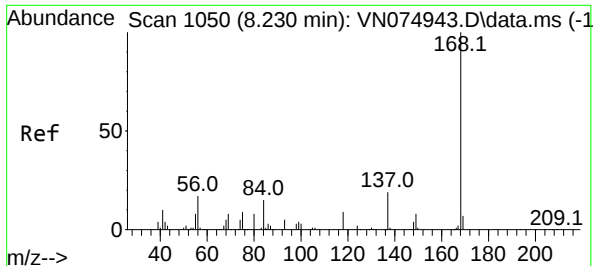
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/21/2022

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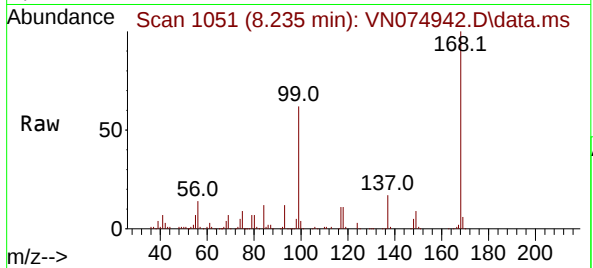
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
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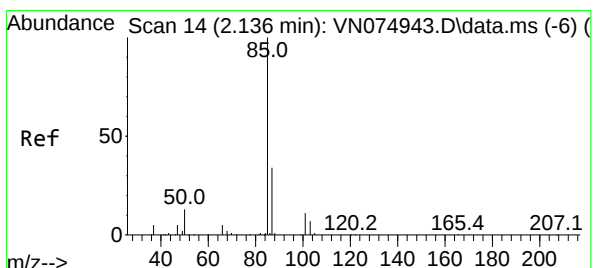
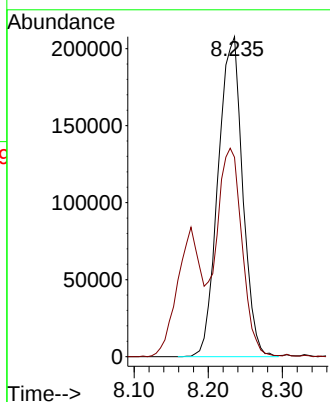
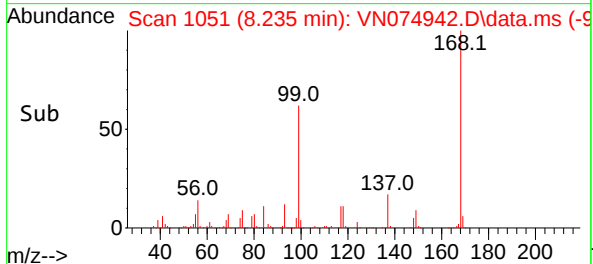
Instrument :
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ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 477402
Ion Ratio Lower Upper
168 100
99 62.0 52.2 78.4

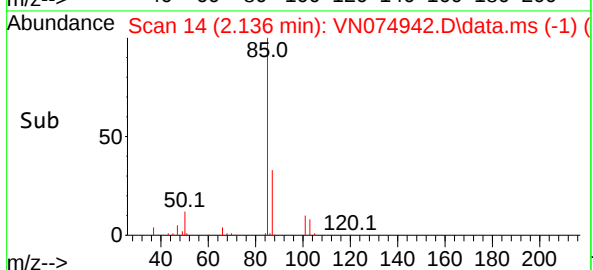
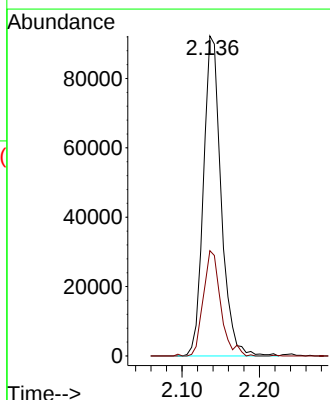
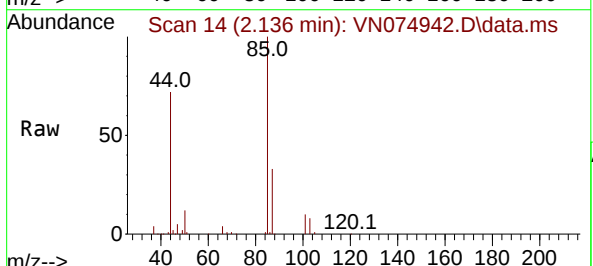
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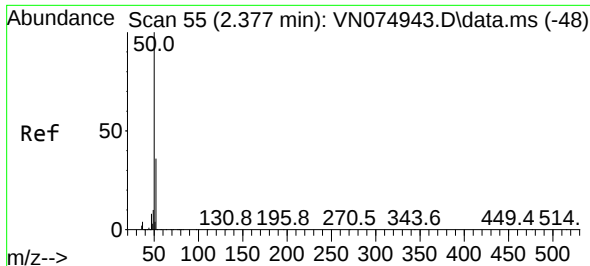
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#2
Dichlorodifluoromethane
Concen: 18.339 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

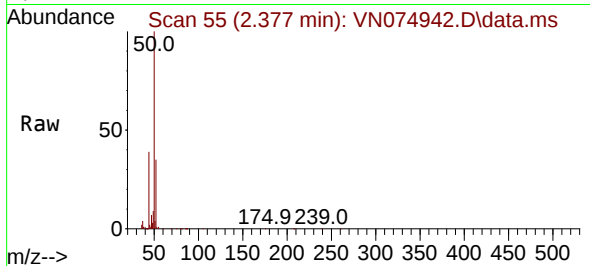
Tgt Ion: 85 Resp: 146395
Ion Ratio Lower Upper
85 100
87 32.7 17.1 51.2





#3
Chloromethane
Concen: 15.153 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

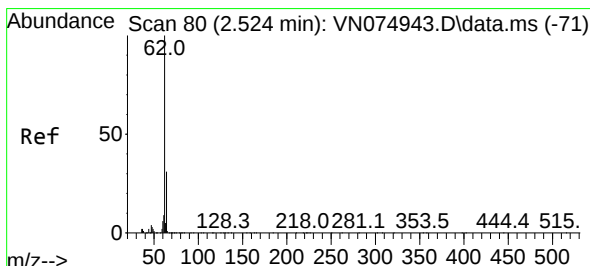
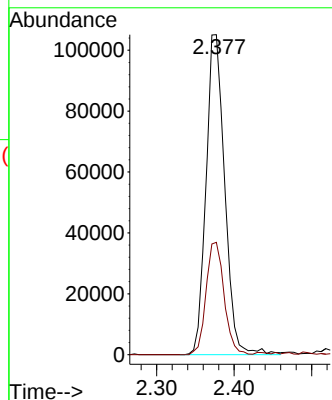
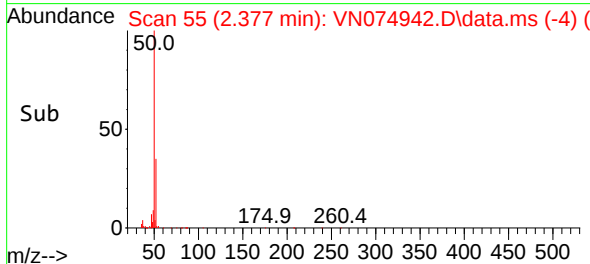
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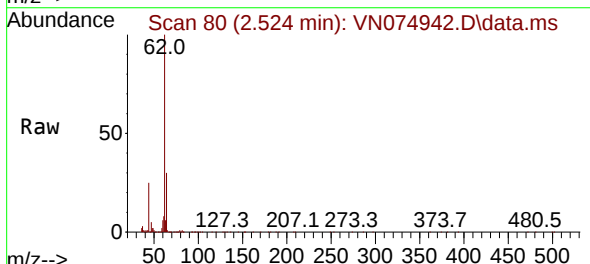
Tgt Ion: 50 Resp: 176348
Ion Ratio Lower Upper
50 100
52 35.1 28.8 43.2

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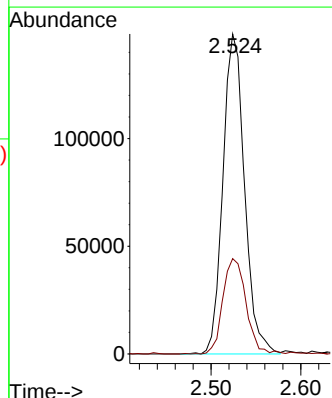
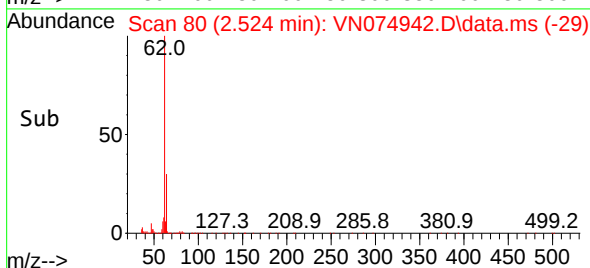
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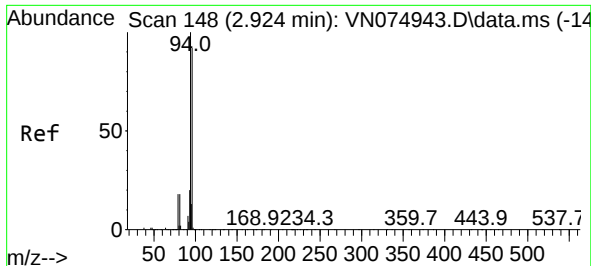


#4
Vinyl Chloride
Concen: 13.528 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16



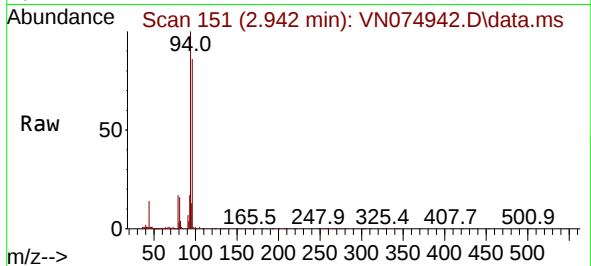
Tgt Ion: 62 Resp: 248469
Ion Ratio Lower Upper
62 100
64 29.8 24.5 36.7





#5
Bromomethane
Concen: 11.119 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

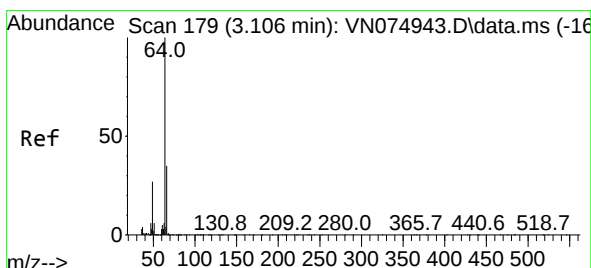
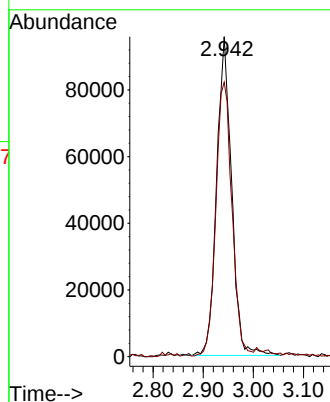
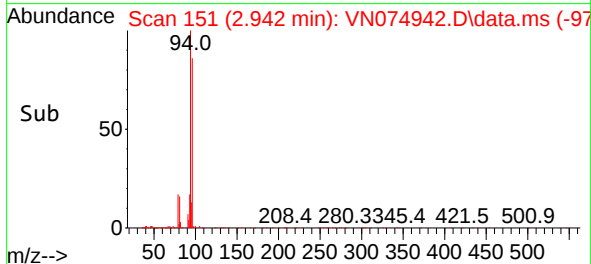
Instrument :
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Tgt Ion: 94 Resp: 198260
Ion Ratio Lower Upper
94 100
96 85.9 73.5 110.3

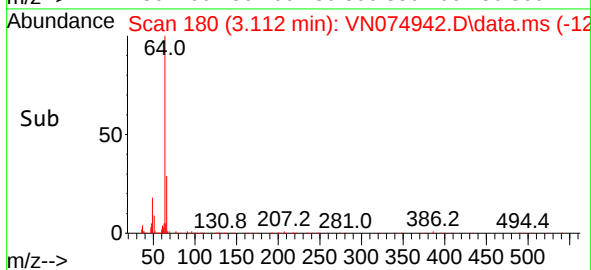
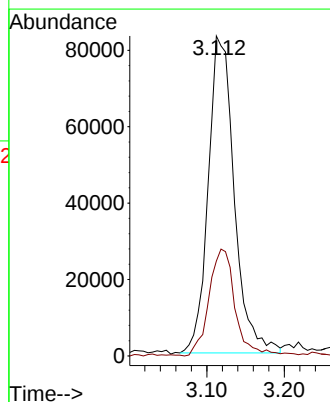
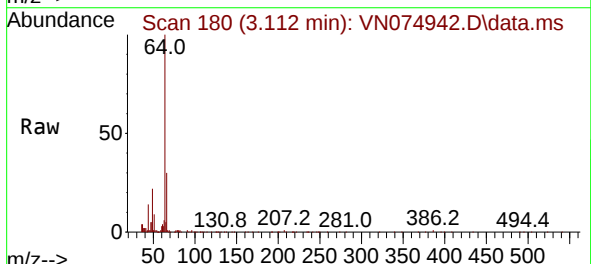
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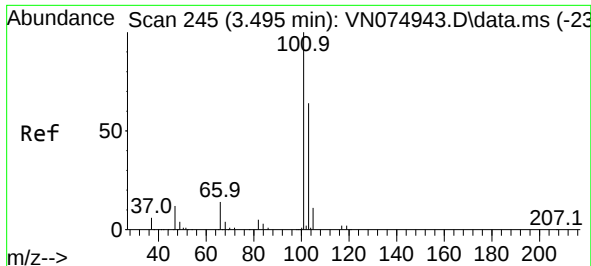
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#6
Chloroethane
Concen: 11.591 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.006 min
Lab File: VN074942.D
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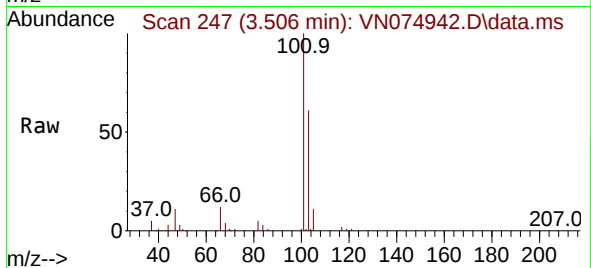
Tgt Ion: 64 Resp: 193852
Ion Ratio Lower Upper
64 100
66 29.7 27.9 41.9





#7
 Trichlorofluoromethane
 Concen: 20.221 ug/l
 RT: 3.506 min Scan# 245
 Delta R.T. 0.012 min
 Lab File: VN074942.D
 Acq: 20 Oct 2022 15:16

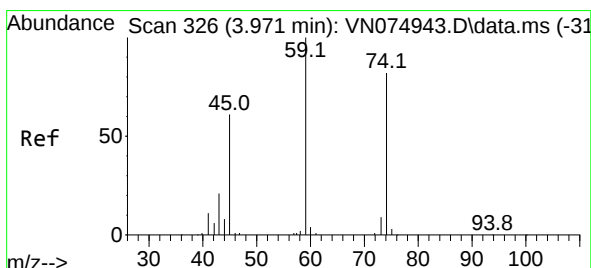
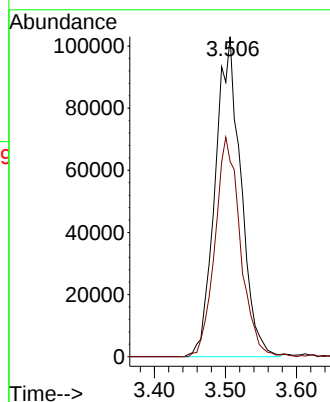
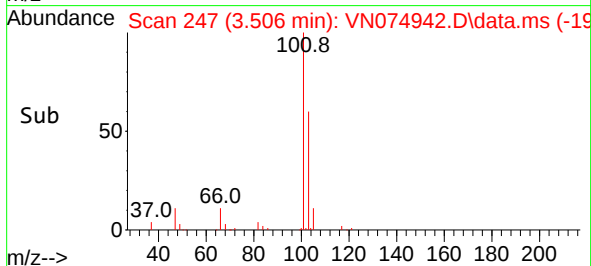
Instrument :
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 ClientSampleId :
 VSTDIC020



Tgt Ion:101 Resp: 25818
 Ion Ratio Lower Upper
 101 100
 103 61.0 51.5 77.3

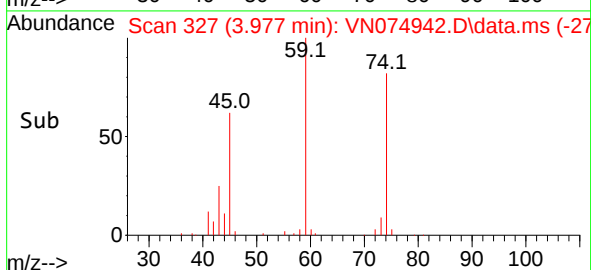
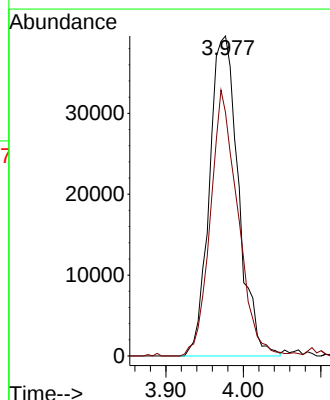
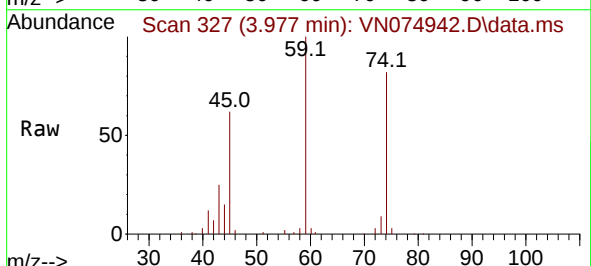
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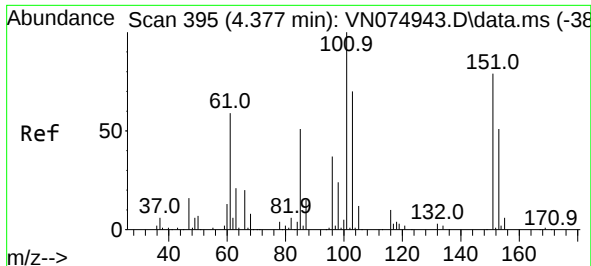
Reviewed By :John Carlone 10/21/2022
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#8
 Diethyl Ether
 Concen: 18.128 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 102638
 Ion Ratio Lower Upper
 74 100
 45 79.2 40.1 120.3





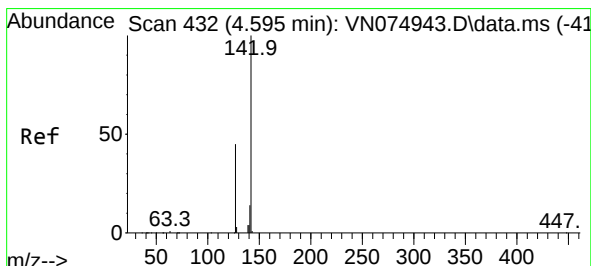
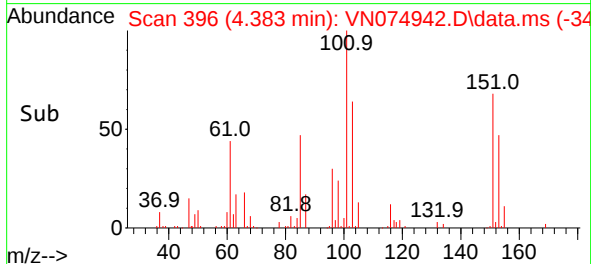
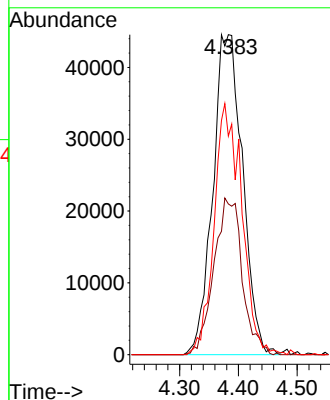
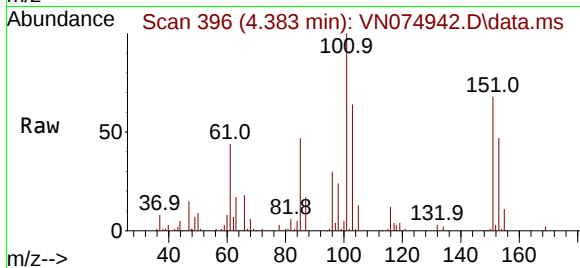
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.146 ug/l
RT: 4.383 min Scan# 395
Delta R.T. 0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 15650
Ion Ratio Lower Upper
101 100
85 46.7 37.8 56.8
151 72.8 58.5 87.7

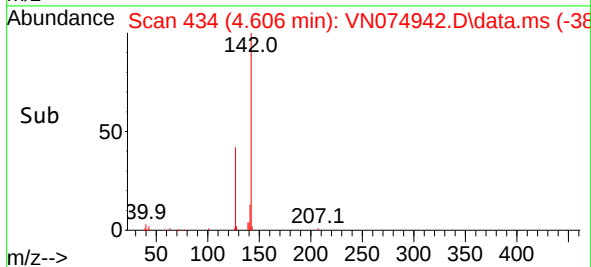
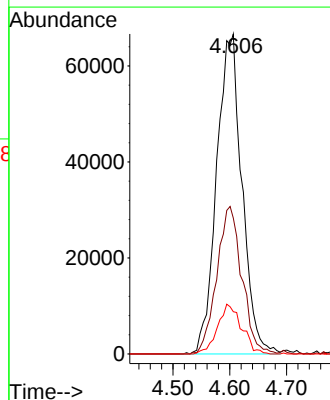
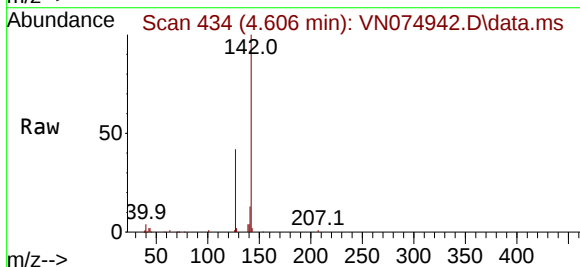
Manual Integrations
APPROVED

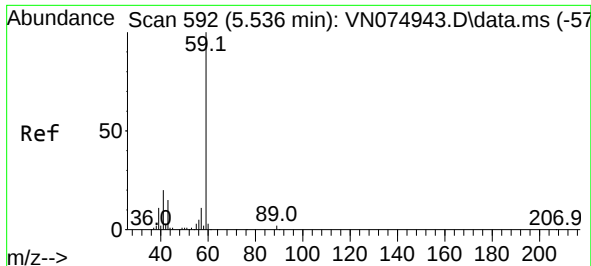
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#10
Methyl Iodide
Concen: 19.153 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.012 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Tgt Ion:142 Resp: 206602
Ion Ratio Lower Upper
142 100
127 45.6 37.0 55.4
141 14.8 11.4 17.0





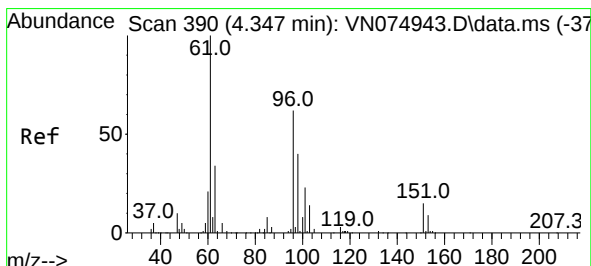
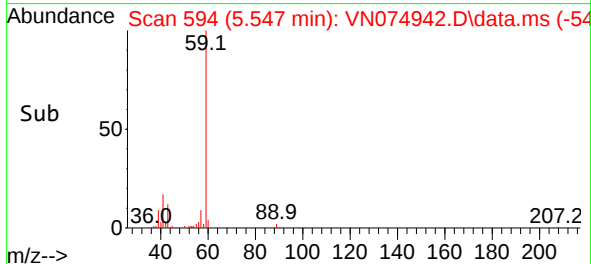
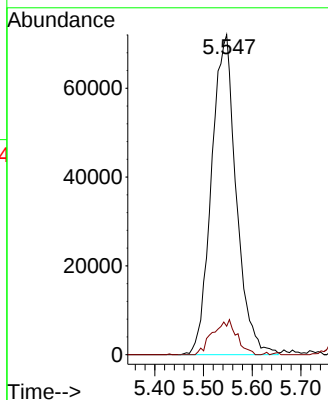
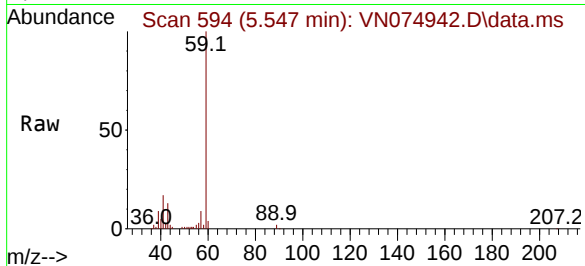
#11
Tert butyl alcohol
Concen: 95.084 ug/l
RT: 5.547 min Scan# 591
Delta R.T. 0.012 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 25465
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

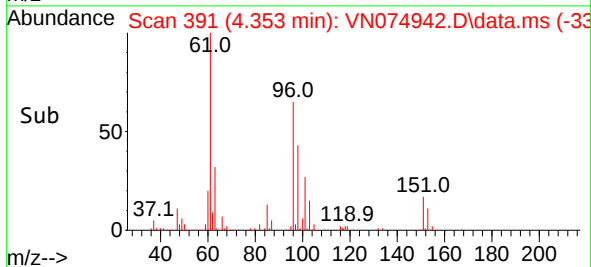
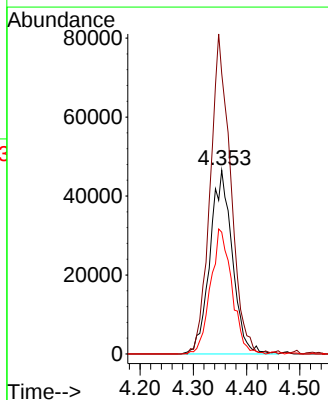
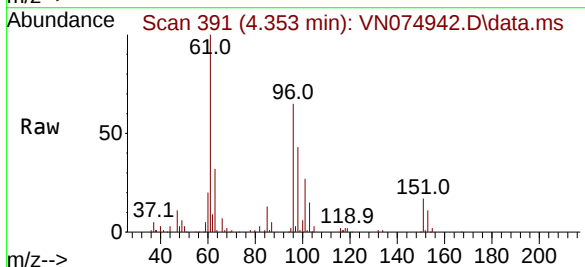
Manual Integrations
APPROVED

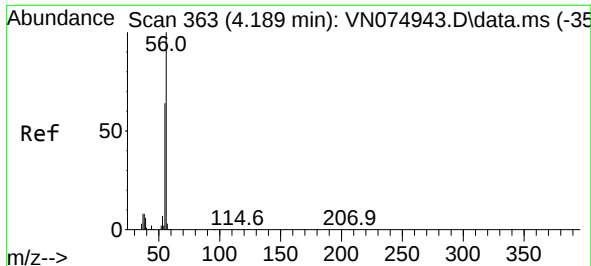
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#12
1,1-Dichloroethene
Concen: 17.965 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

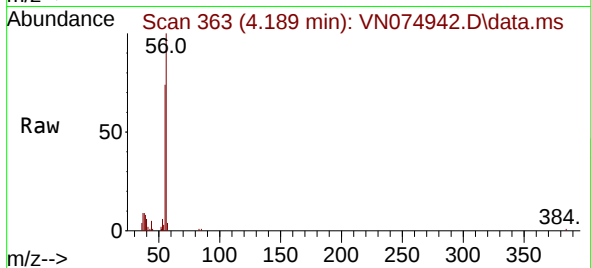
Tgt Ion: 96 Resp: 135434
Ion Ratio Lower Upper
96 100
61 152.7 128.9 193.3
98 66.3 51.8 77.8





#13
Acrolein
Concen: 78.021 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

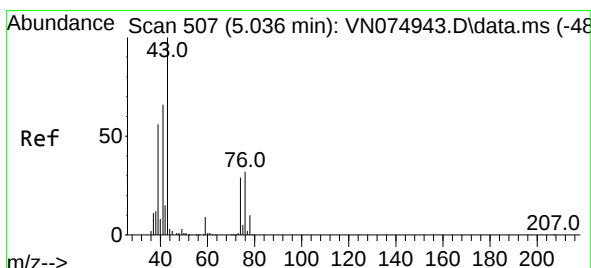
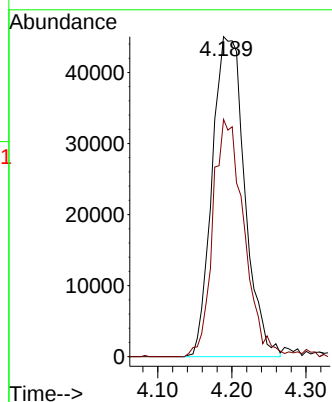
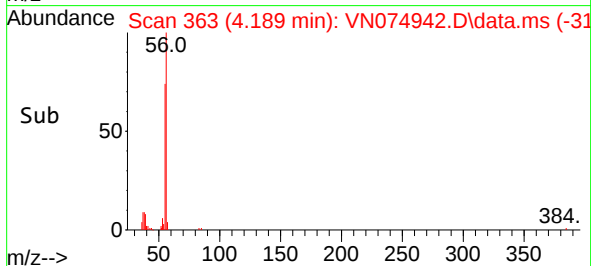
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 137158
Ion Ratio Lower Upper
56 100
55 70.7 53.7 80.5

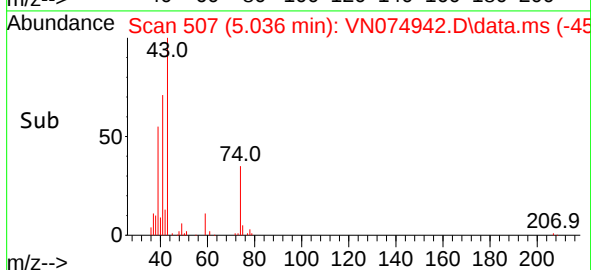
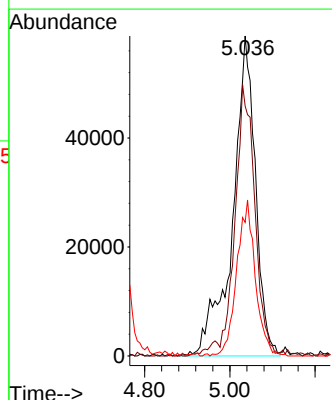
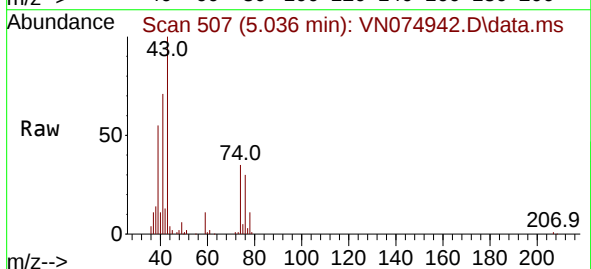
Manual Integrations
APPROVED

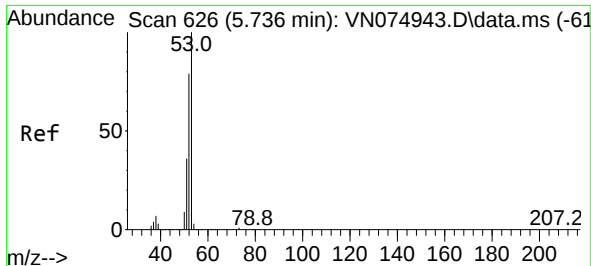
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#14
Allyl chloride
Concen: 15.936 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

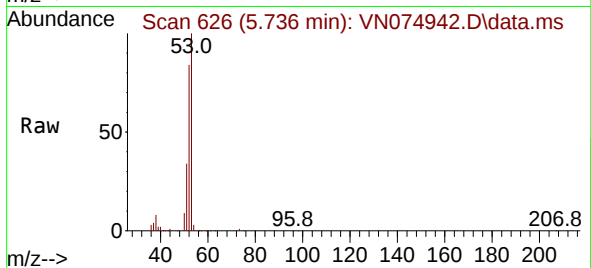
Tgt Ion: 41 Resp: 219699
Ion Ratio Lower Upper
41 100
39 70.3 60.0 90.0
76 39.5 33.7 50.5





#15
Acrylonitrile
Concen: 84.797 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

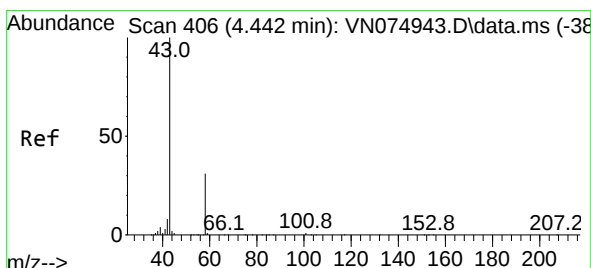
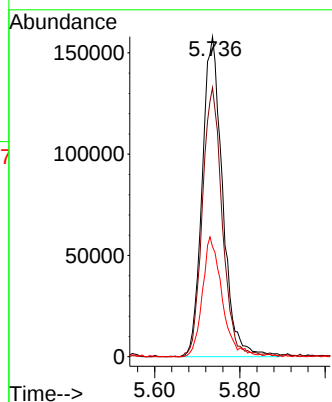
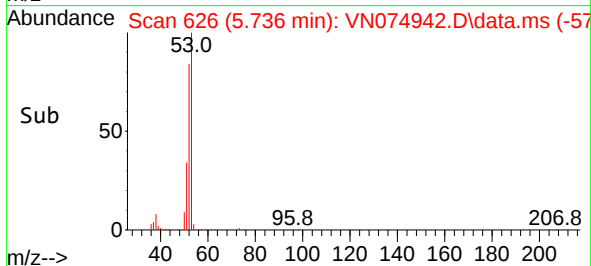
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



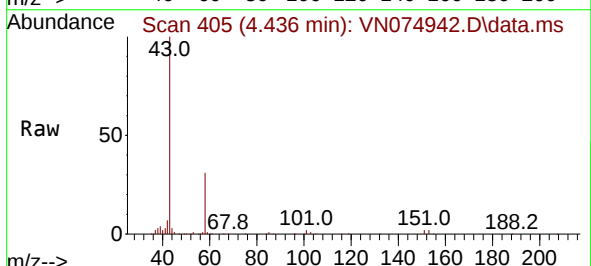
Tgt Ion: 53 Resp: 52688
Ion Ratio Lower Upper
53 100
52 82.0 66.7 100.1
51 36.1 28.8 43.2

Manual Integrations
APPROVED

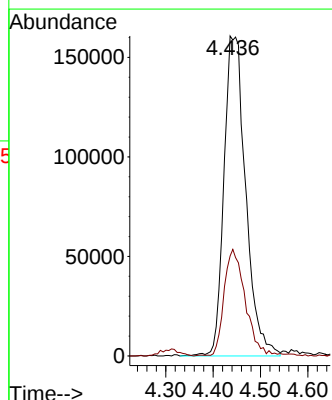
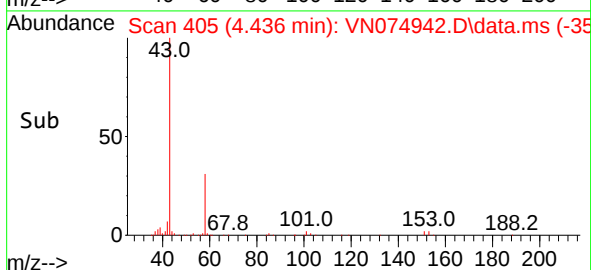
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

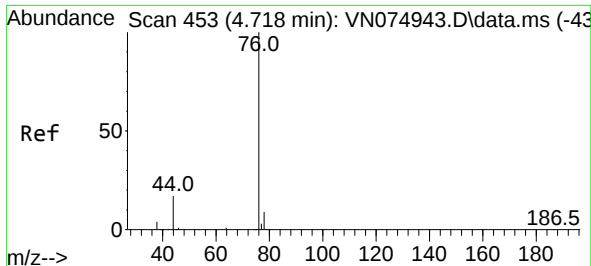


#16
Acetone
Concen: 96.389 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16



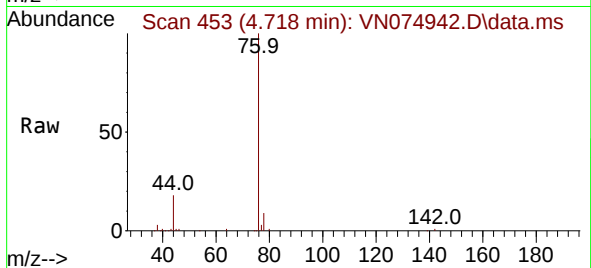
Tgt Ion: 43 Resp: 513269
Ion Ratio Lower Upper
43 100
58 30.5 25.7 38.5





#17
Carbon Disulfide
Concen: 17.218 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

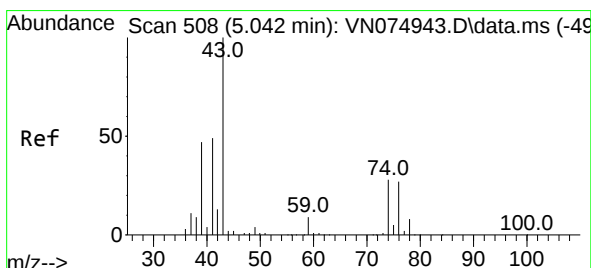
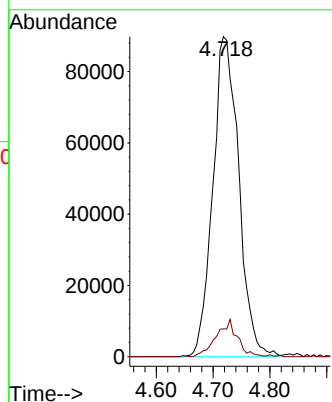
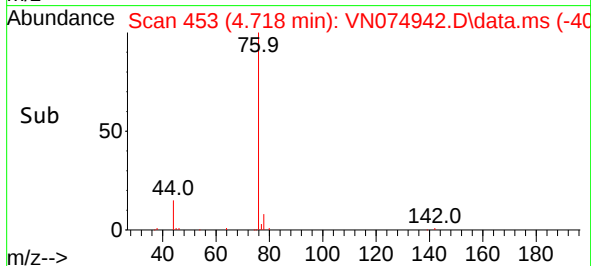
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 284415
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

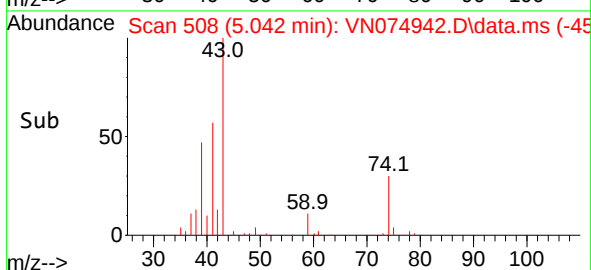
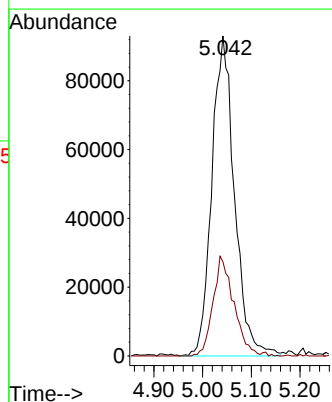
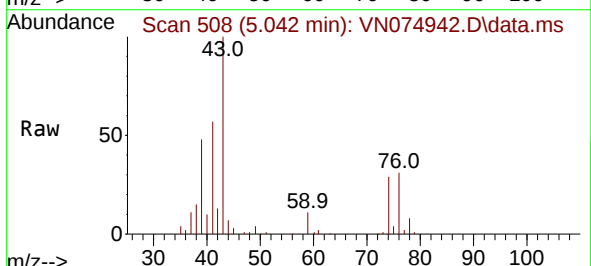
Manual Integrations
APPROVED

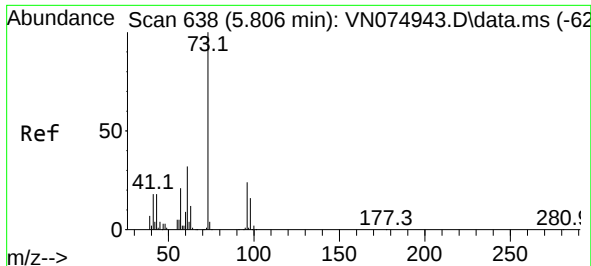
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#18
Methyl Acetate
Concen: 15.922 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

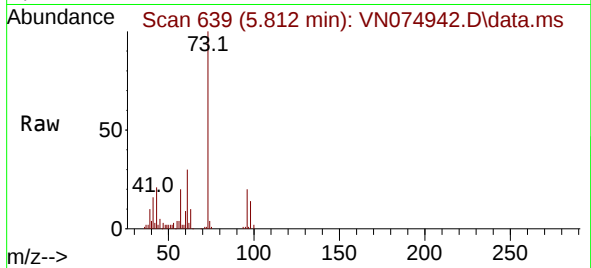
Tgt Ion: 43 Resp: 300506
Ion Ratio Lower Upper
43 100
74 28.5 23.1 34.7





#19
Methyl tert-butyl Ether
Concen: 19.689 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

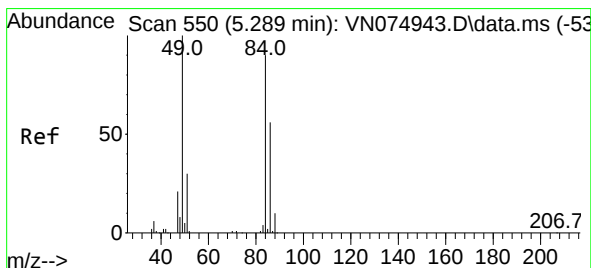
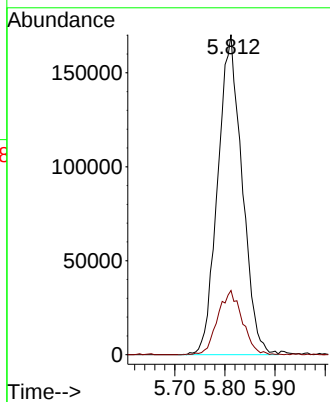
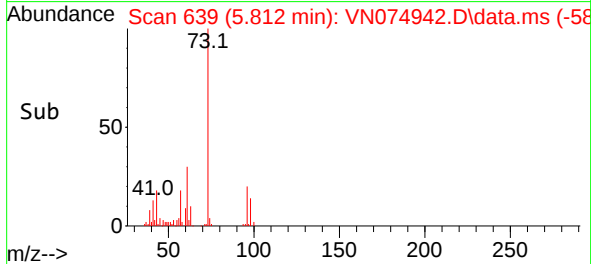
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 73 Resp: 574870
Ion Ratio Lower Upper
73 100
57 20.0 16.9 25.3

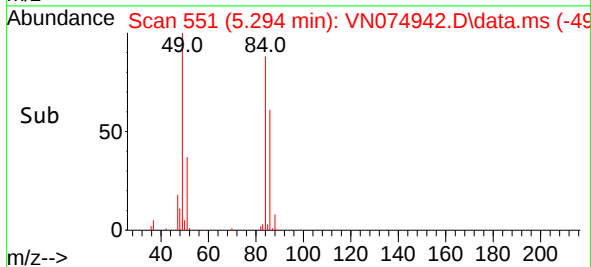
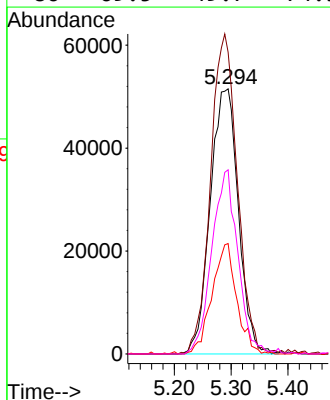
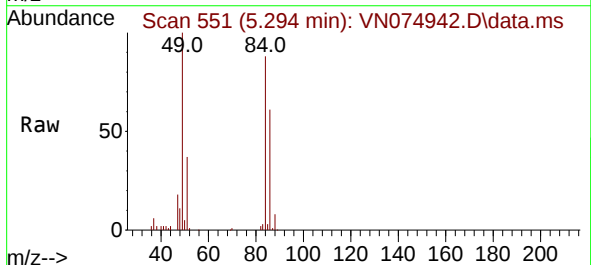
Manual Integrations
APPROVED

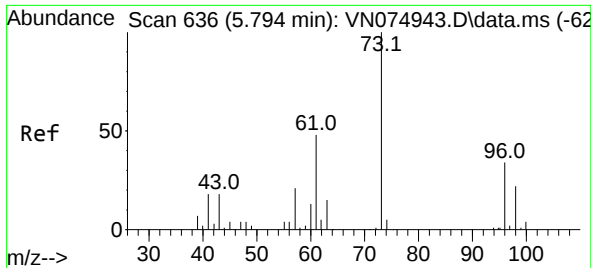
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#20
Methylene Chloride
Concen: 16.471 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Tgt Ion: 84 Resp: 177332
Ion Ratio Lower Upper
84 100
49 113.8 88.6 133.0
51 41.6 26.7 40.1#
86 69.5 49.7 74.5





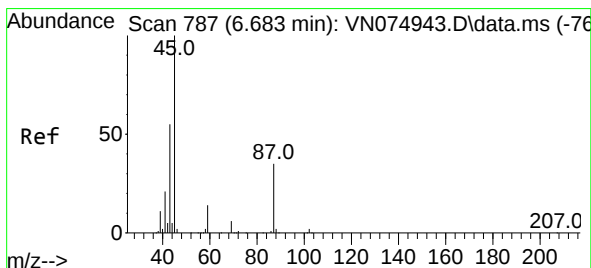
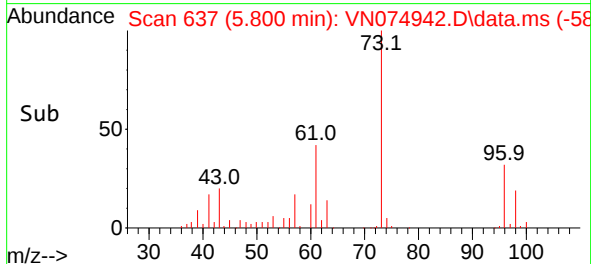
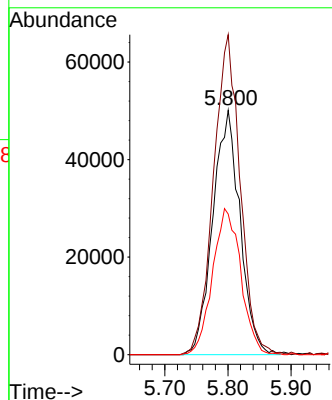
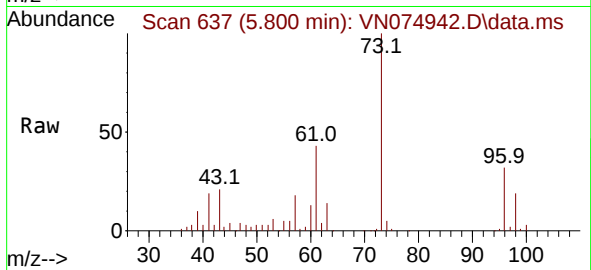
#21
trans-1,2-Dichloroethene
Concen: 18.194 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 14992
Ion Ratio Lower Upper
96 100
61 130.9 112.6 169.0
98 57.6 52.4 78.6

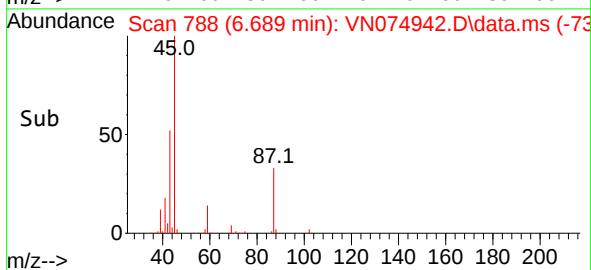
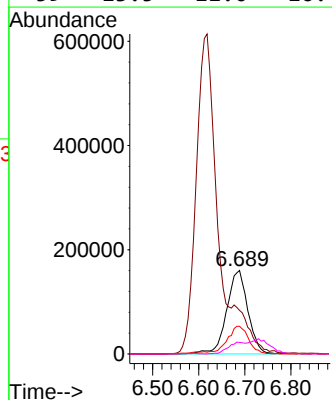
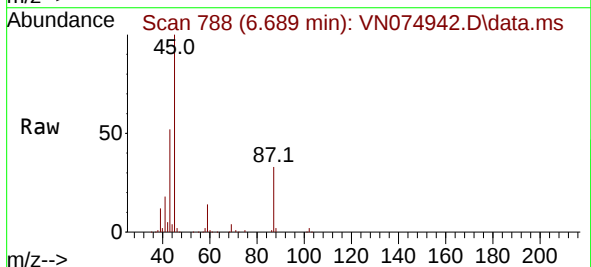
Manual Integrations
APPROVED

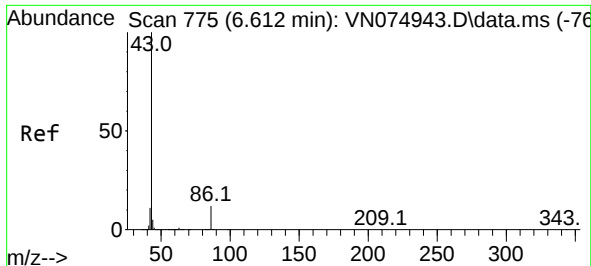
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#22
Diisopropyl ether
Concen: 17.324 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

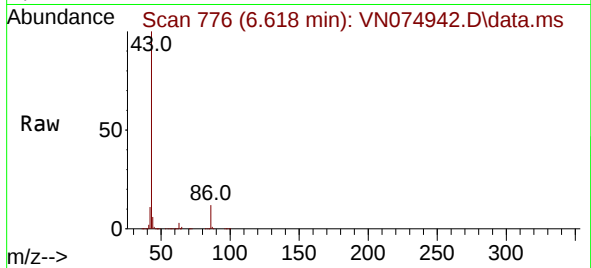
Tgt Ion: 45 Resp: 510115
Ion Ratio Lower Upper
45 100
43 50.6 44.9 67.3
87 33.2 28.0 42.0
59 13.5 11.0 16.4





#23
 Vinyl Acetate
 Concen: 86.523 ug/l m
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN074942.D
 Acq: 20 Oct 2022 15:16

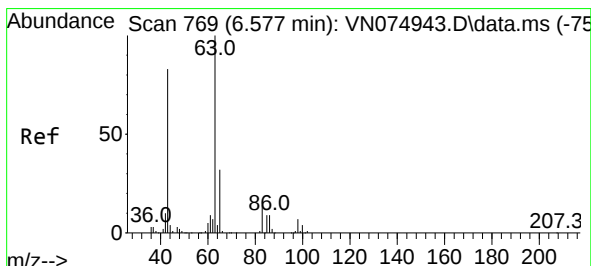
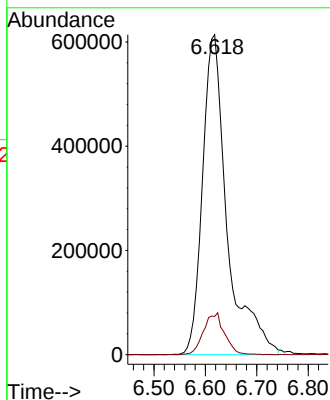
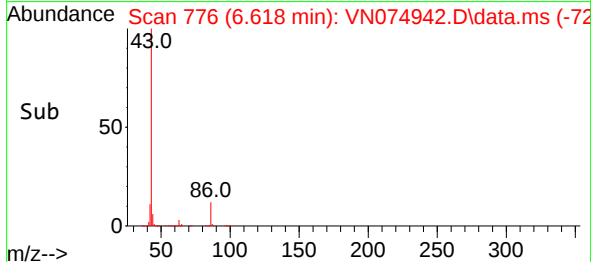
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



Tgt Ion: 43 Resp: 204657
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.4 14.0

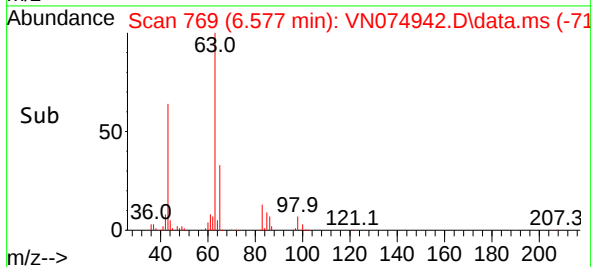
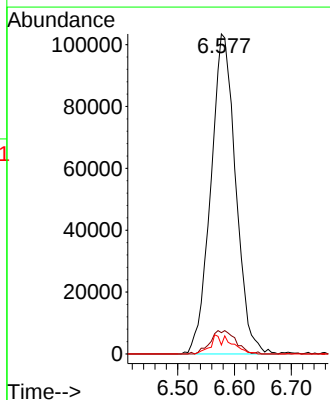
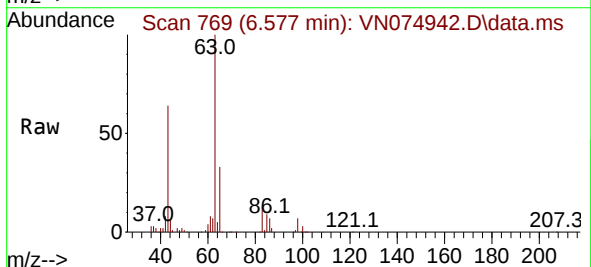
Manual Integrations
 APPROVED

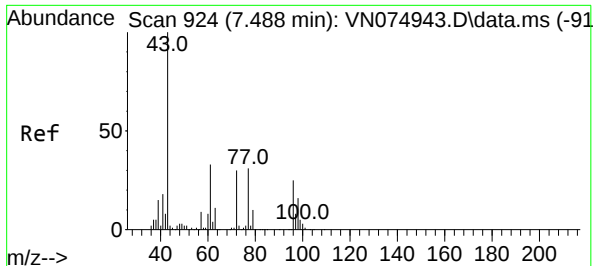
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#24
 1,1-Dichloroethane
 Concen: 18.279 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN074942.D
 Acq: 20 Oct 2022 15:16

Tgt Ion: 63 Resp: 314891
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 2.8 2.0 6.0





#25

2-Butanone

Concen: 85.374 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 73954

Ion Ratio Lower Upper

43 100

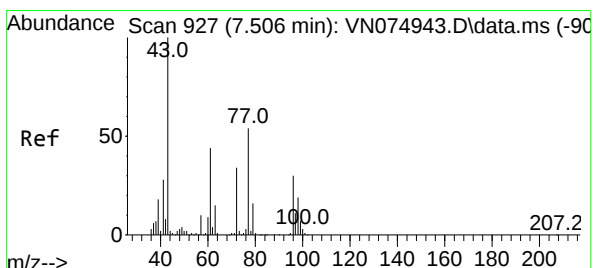
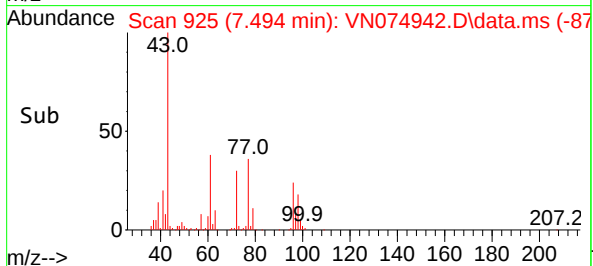
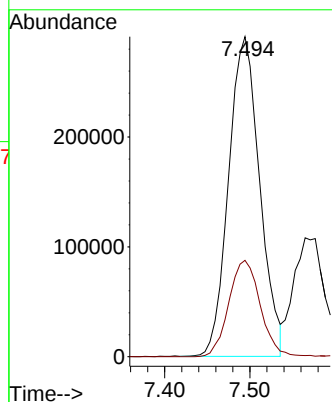
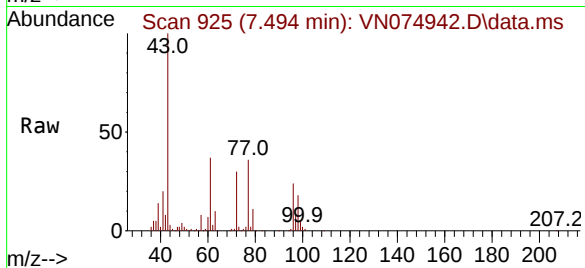
72 30.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#26

2,2-Dichloropropane

Concen: 21.226 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.012 min

Lab File: VN074942.D

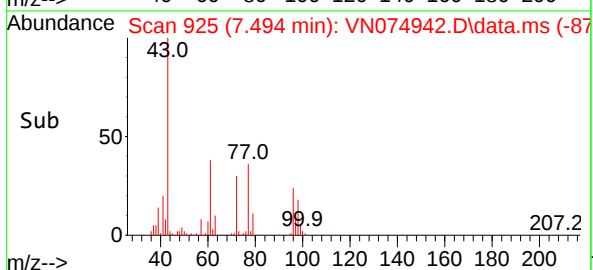
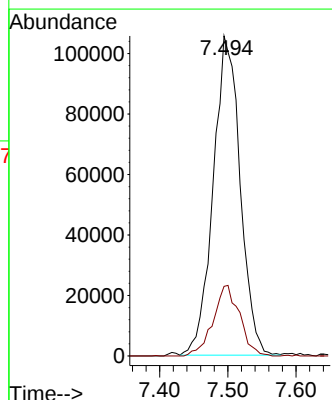
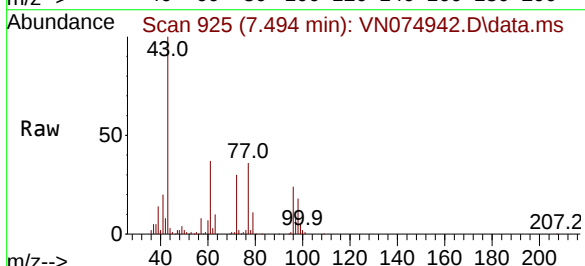
Acq: 20 Oct 2022 15:16

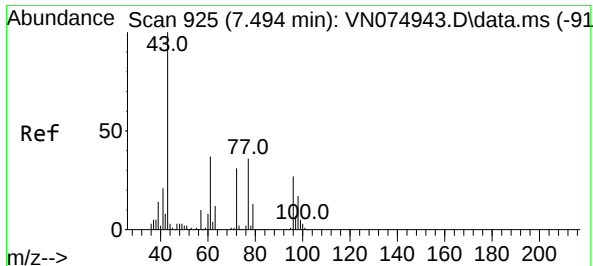
Tgt Ion: 77 Resp: 290430

Ion Ratio Lower Upper

77 100

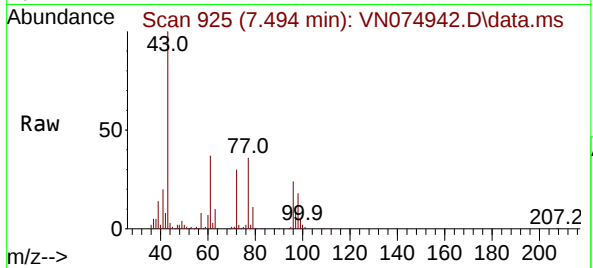
97 21.7 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.894 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN074942.D
 Acq: 20 Oct 2022 15:16

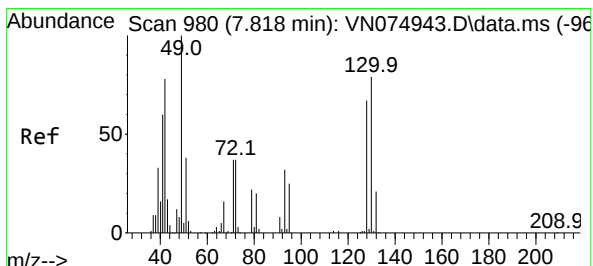
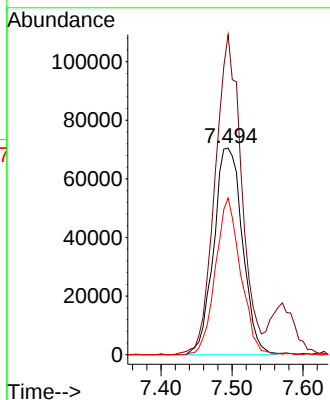
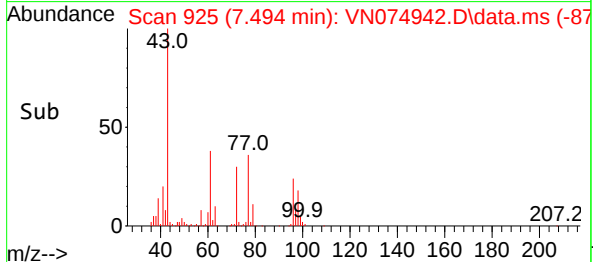
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 197944
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 277.8
 98 66.5 0.0 127.2

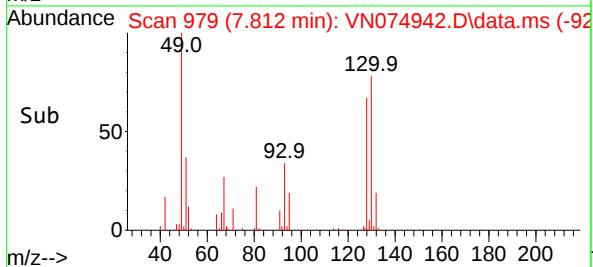
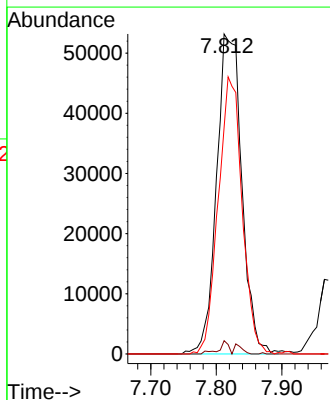
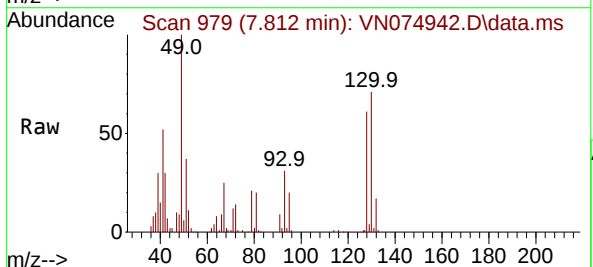
Manual Integrations
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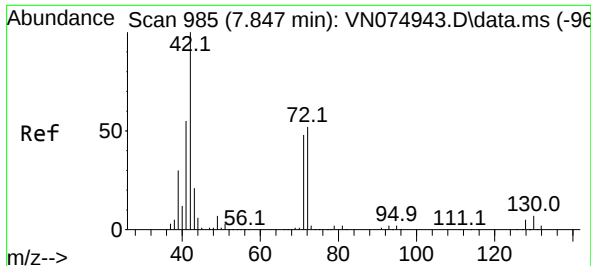
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#28
 Bromochloromethane
 Concen: 18.353 ug/l
 RT: 7.812 min Scan# 979
 Delta R.T. -0.006 min
 Lab File: VN074942.D
 Acq: 20 Oct 2022 15:16

Tgt Ion: 49 Resp: 141861
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.2
 130 81.9 64.4 96.6





#29

Tetrahydrofuran

Concen: 79.323 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 461680

Ion Ratio Lower Upper

42 100

72 50.4 42.2 63.4

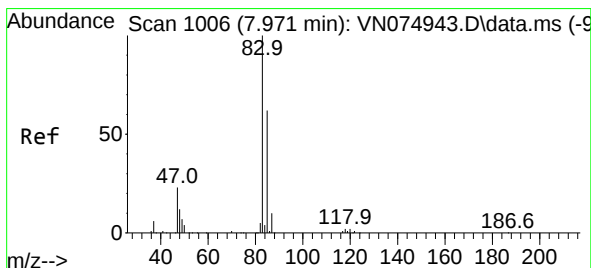
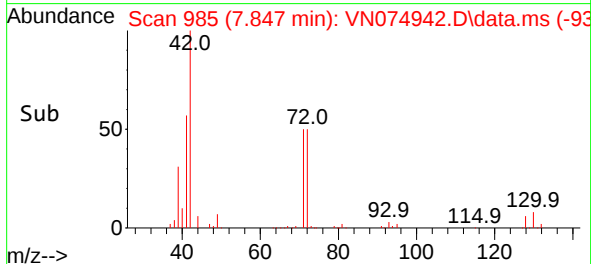
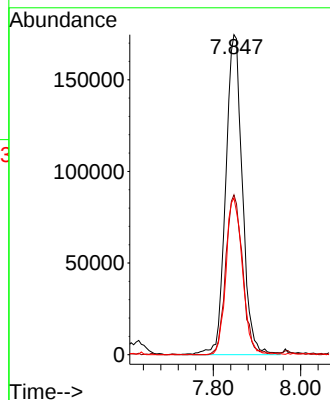
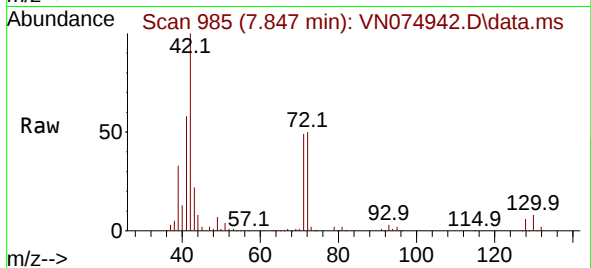
71 48.4 39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#30

Chloroform

Concen: 19.480 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN074942.D

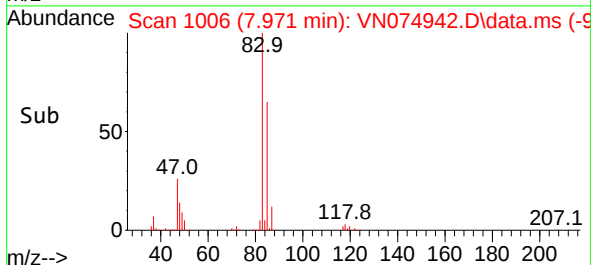
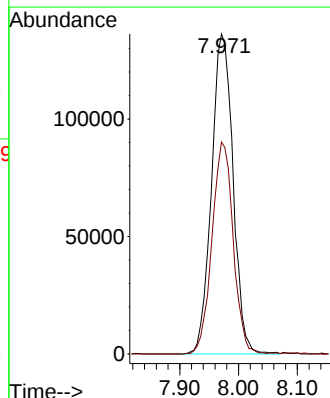
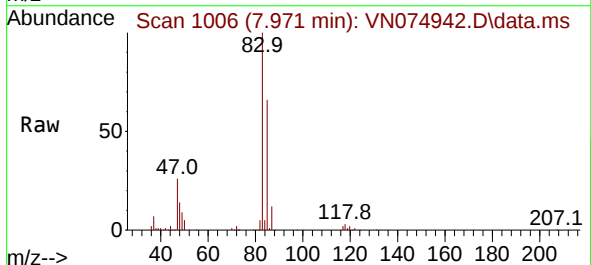
Acq: 20 Oct 2022 15:16

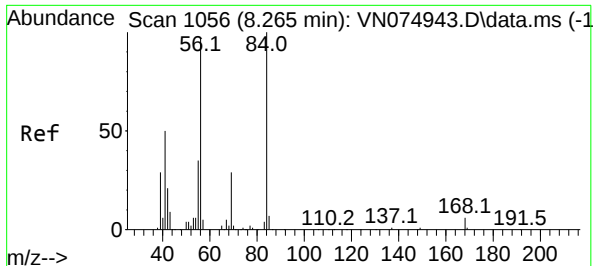
Tgt Ion: 83 Resp: 345877

Ion Ratio Lower Upper

83 100

85 66.3 49.9 74.9





#31

Cyclohexane

Concen: 17.953 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 253180

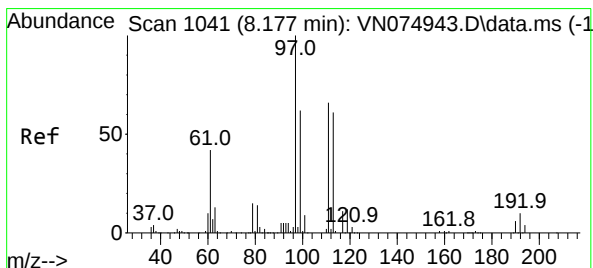
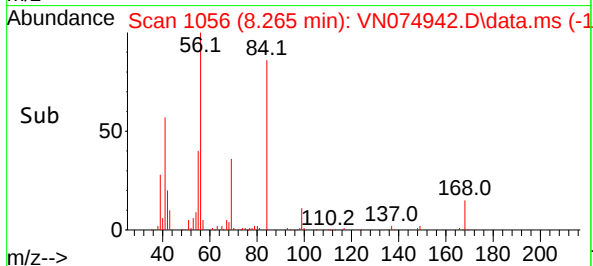
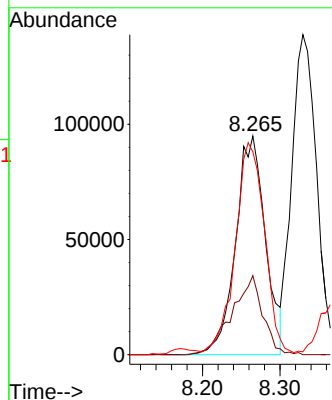
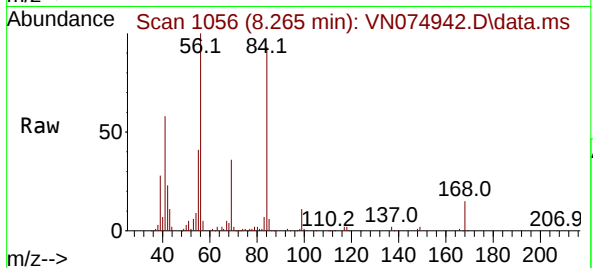
Ion	Ratio	Lower	Upper
56	100		
69	36.1	24.2	36.2
84	89.9	82.8	124.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#32

1,1,1-Trichloroethane

Concen: 20.782 ug/l

RT: 8.171 min Scan# 1040

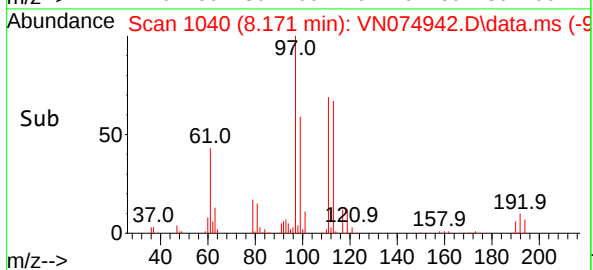
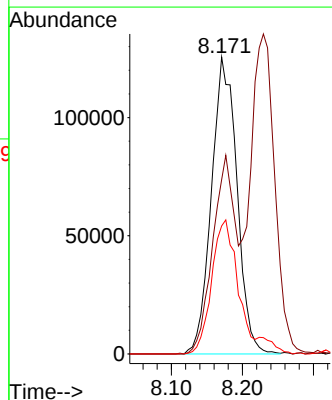
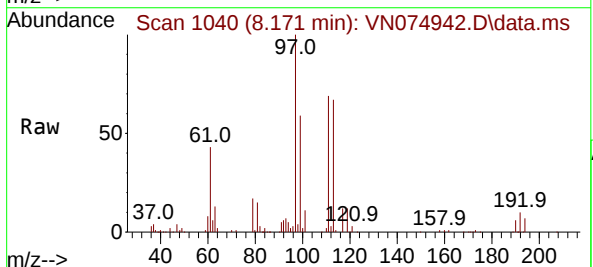
Delta R.T. -0.006 min

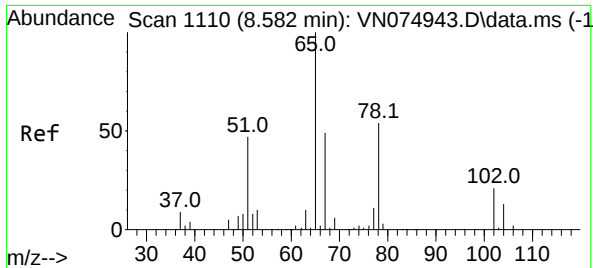
Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

Tgt Ion: 97 Resp: 312676

Ion	Ratio	Lower	Upper
97	100		
99	58.7	53.0	79.4
61	45.8	36.4	54.6





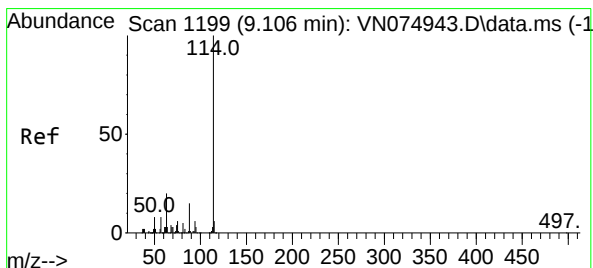
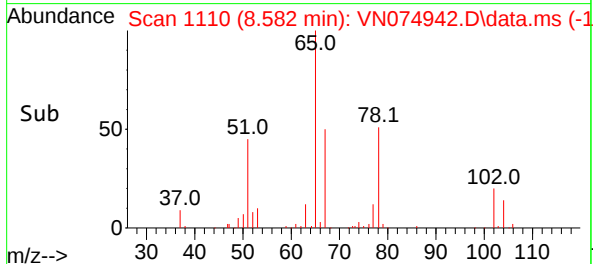
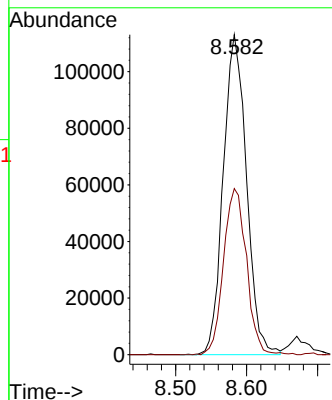
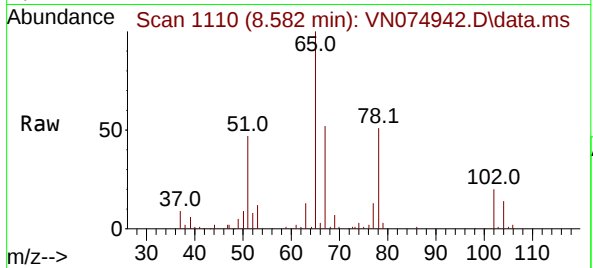
#33
1,2-Dichloroethane-d4
Concen: 22.382 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 256712
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.6

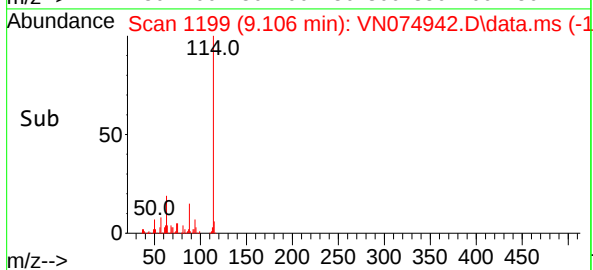
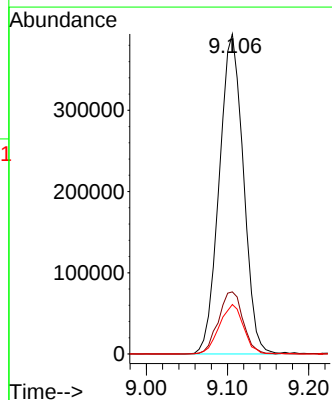
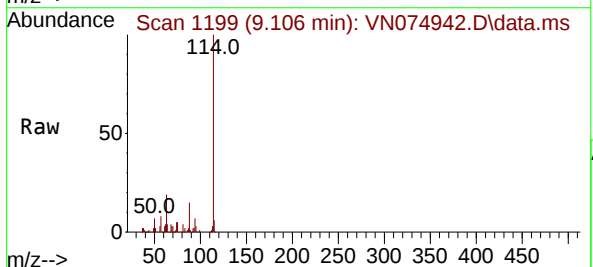
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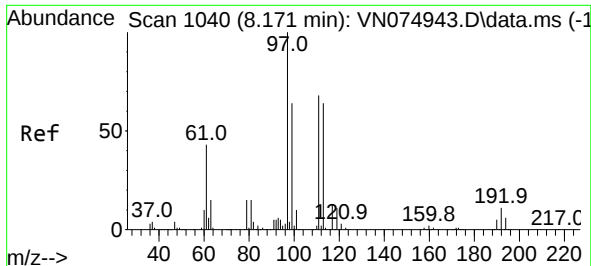
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Tgt Ion:114 Resp: 813964
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.8
88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 23.425 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:113 Resp: 208379

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

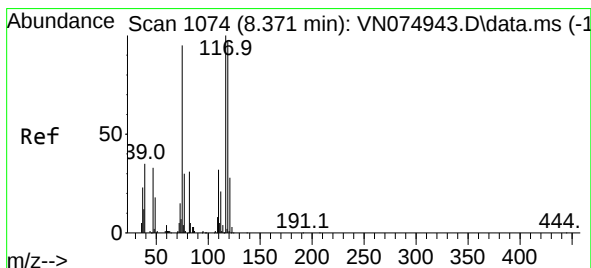
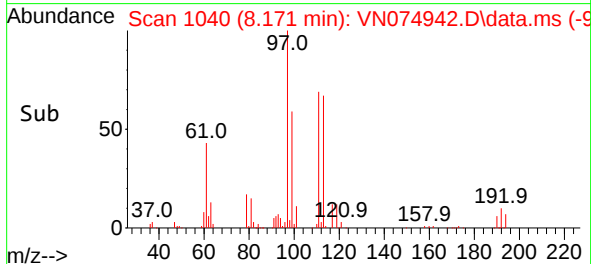
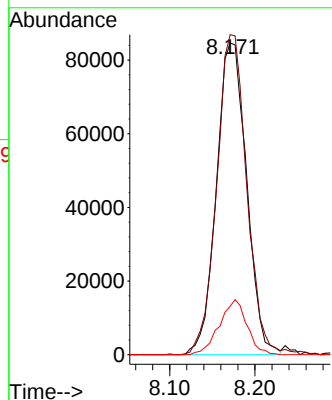
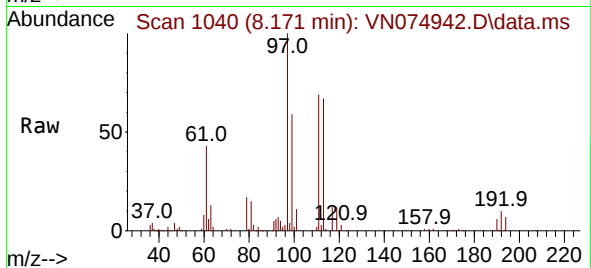
192 16.1 13.3 19.9

Manual Integrations

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Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#36

1,1-Dichloropropene

Concen: 19.099 ug/l

RT: 8.383 min Scan# 1076

Delta R.T. 0.012 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

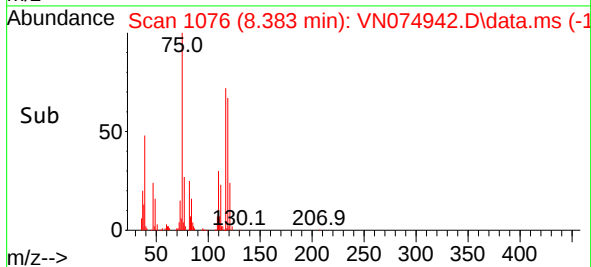
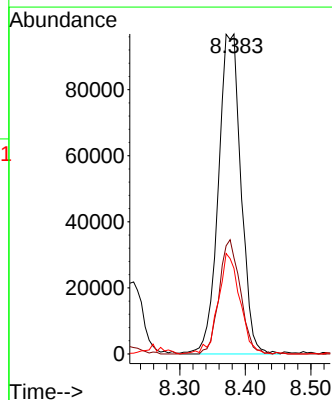
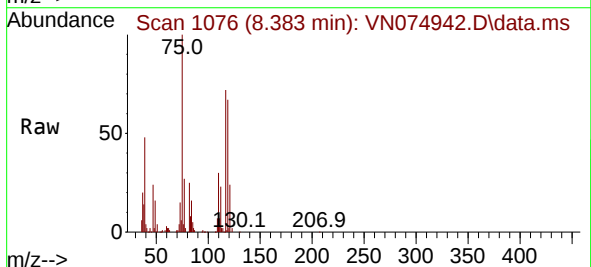
Tgt Ion: 75 Resp: 231909

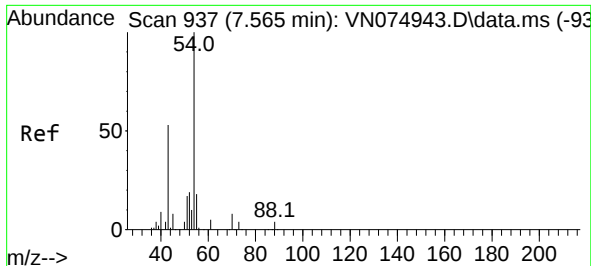
Ion Ratio Lower Upper

75 100

110 33.4 18.1 54.4

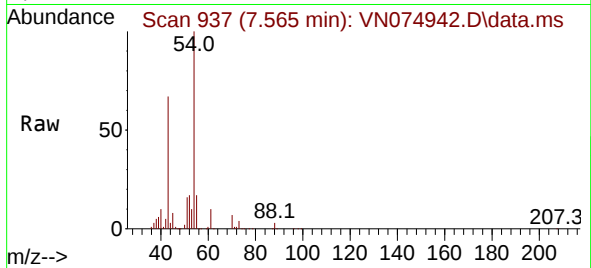
77 30.0 25.0 37.4





#37
Ethyl Acetate
Concen: 17.584 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

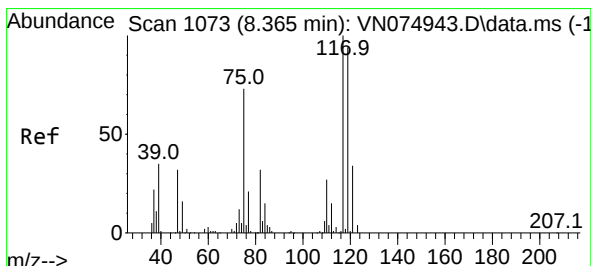
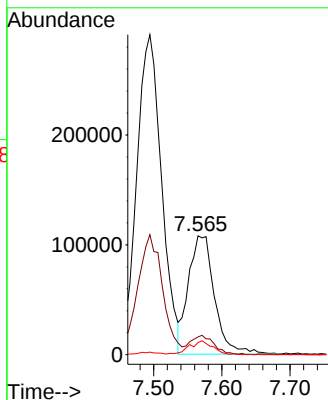
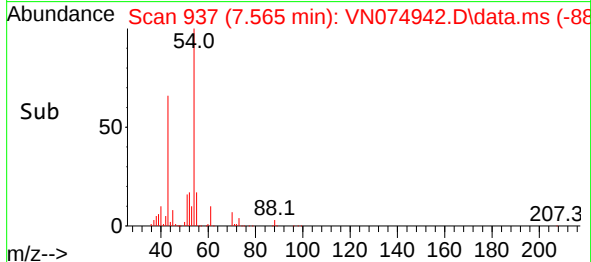
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 28656
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 10.6 9.2 13.8

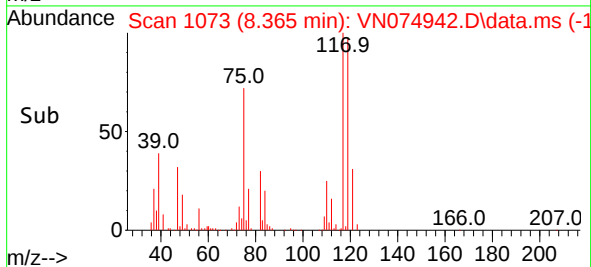
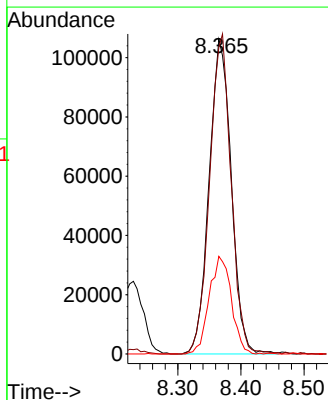
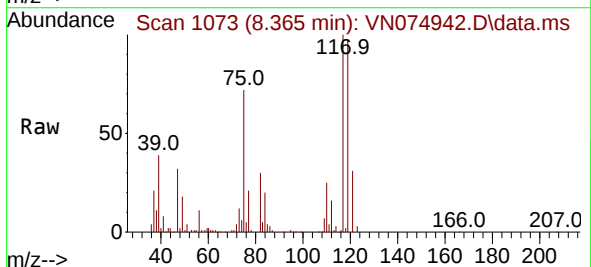
Manual Integrations
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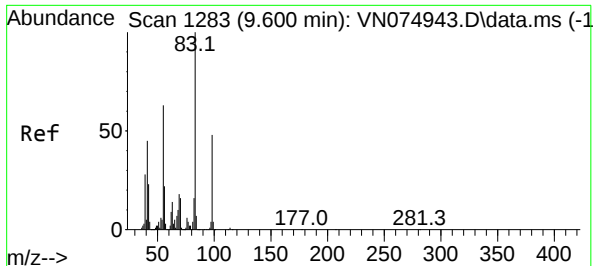
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#38
Carbon Tetrachloride
Concen: 21.448 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Tgt Ion:117 Resp: 259097
Ion Ratio Lower Upper
117 100
119 97.4 75.2 112.8
121 31.1 27.0 40.6





#39

Methylcyclohexane

Concen: 20.719 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 286220

Ion Ratio Lower Upper

83 100

55 69.2 50.8 76.2

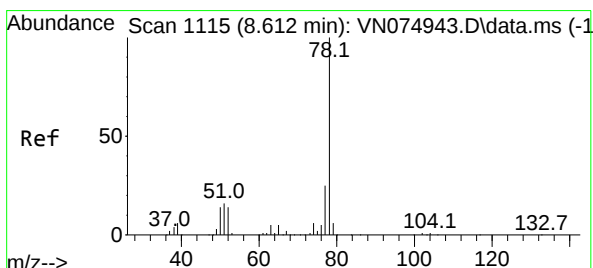
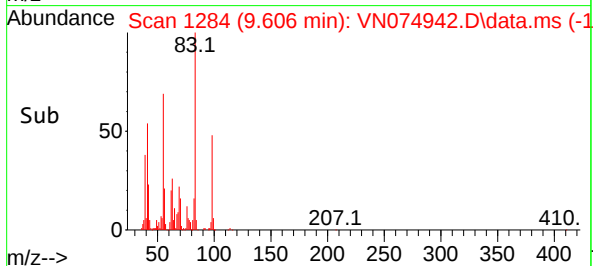
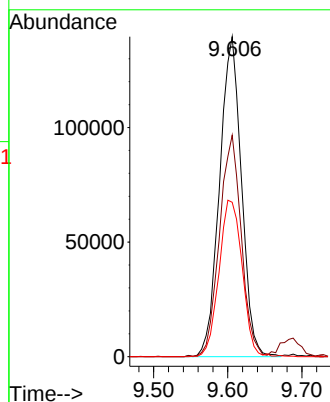
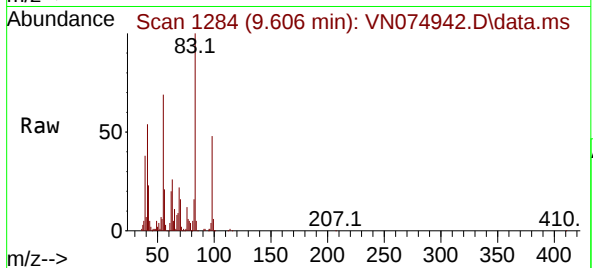
98 48.2 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#40

Benzene

Concen: 18.869 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN074942.D

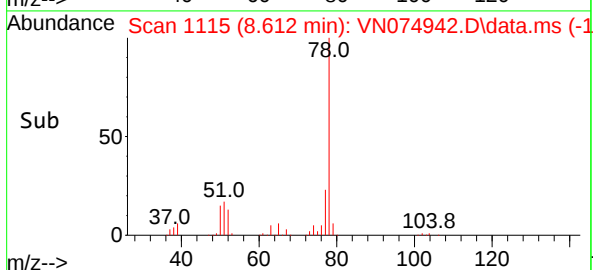
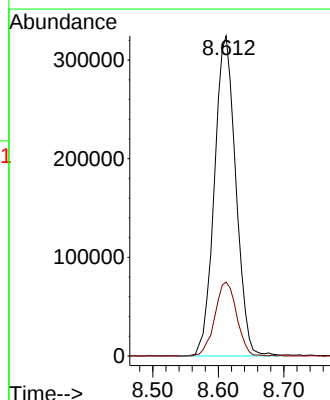
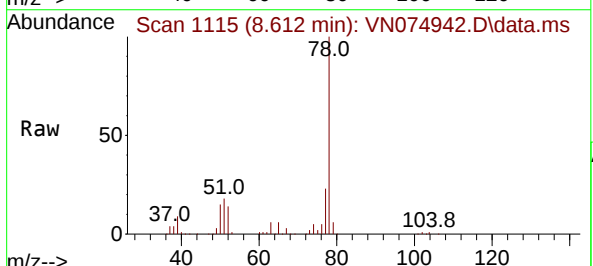
Acq: 20 Oct 2022 15:16

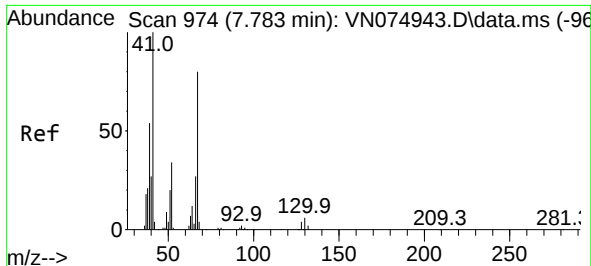
Tgt Ion: 78 Resp: 734424

Ion Ratio Lower Upper

78 100

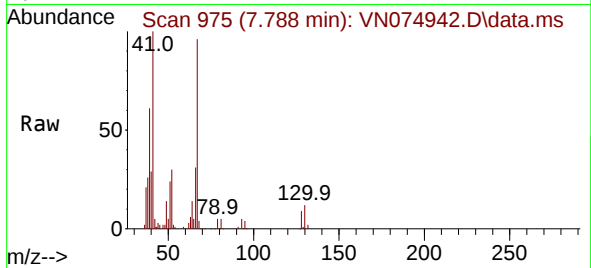
77 23.1 19.6 29.4





#41
Methacrylonitrile
Concen: 16.154 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

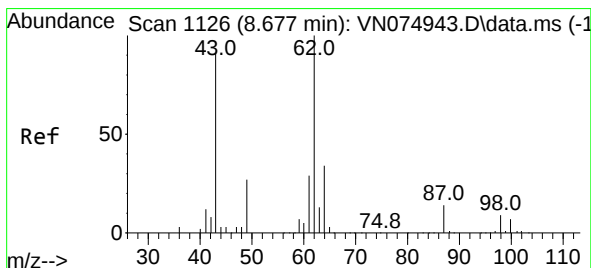
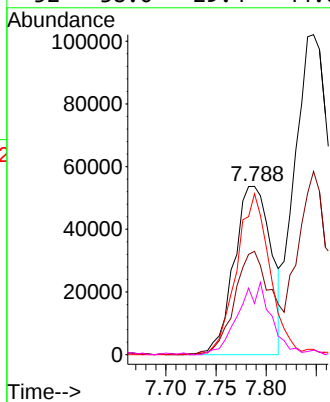
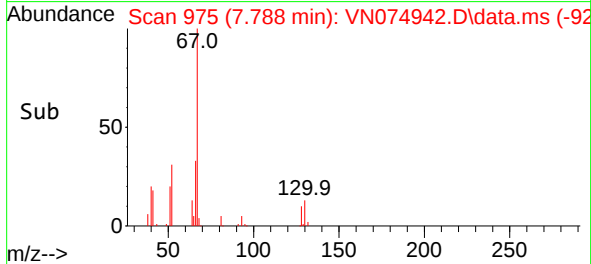
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 138384
Ion Ratio Lower Upper
41 100
39 62.0 47.9 71.9
67 87.3 70.8 106.2
52 38.0 29.4 44.0

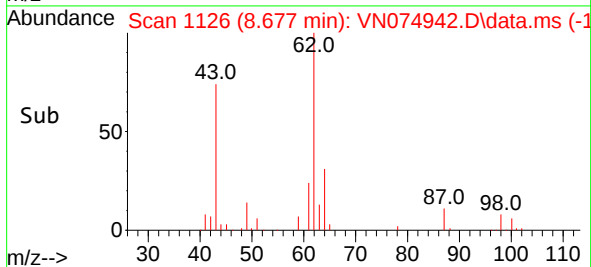
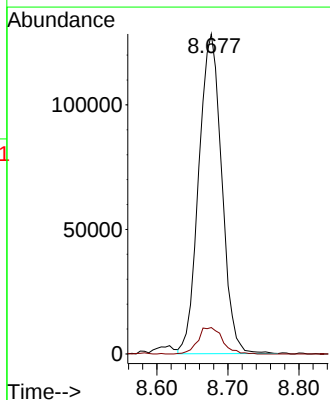
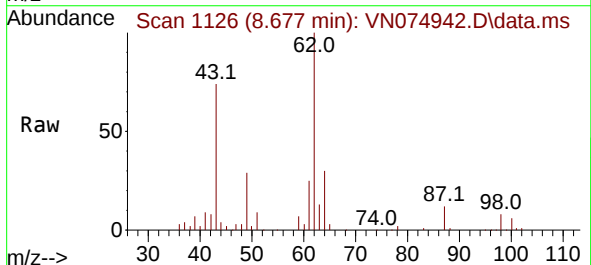
Manual Integrations
APPROVED

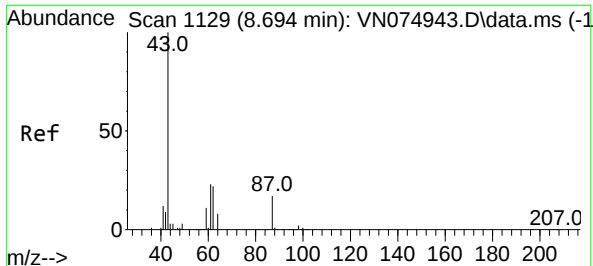
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#42
1,2-Dichloroethane
Concen: 22.107 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

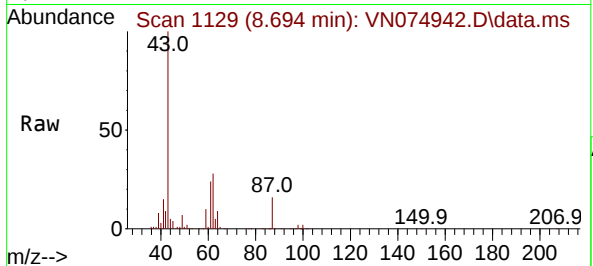
Tgt Ion: 62 Resp: 288075
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.8





#43
Isopropyl Acetate
Concen: 16.732 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

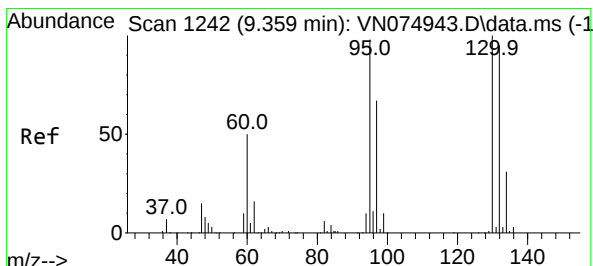
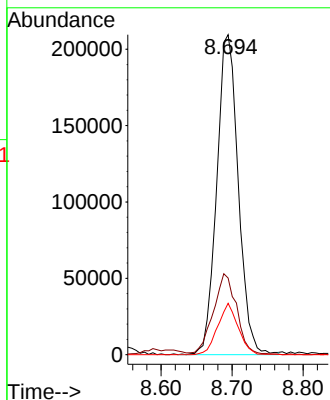
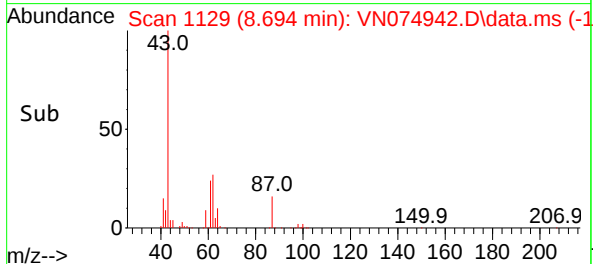
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 440989
Ion Ratio Lower Upper
43 100
61 27.6 22.3 33.5
87 15.3 12.8 19.2

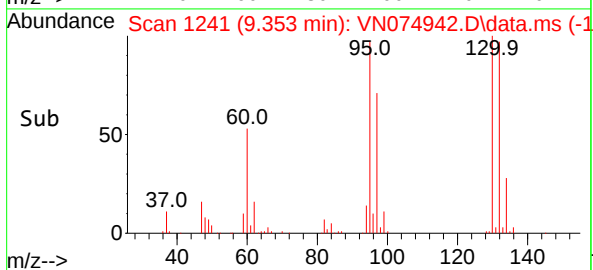
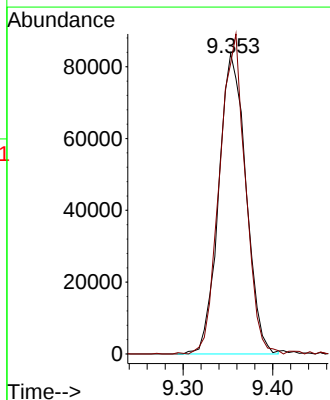
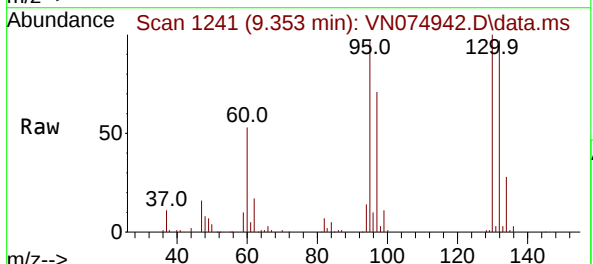
Manual Integrations
APPROVED

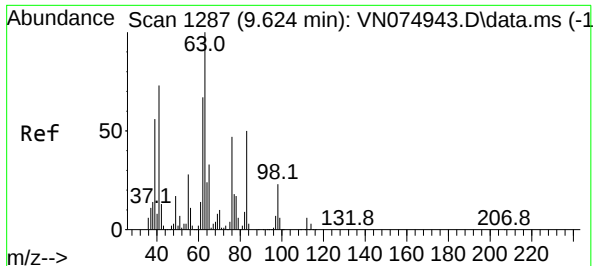
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#44
Trichloroethene
Concen: 20.061 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Tgt Ion:130 Resp: 176384
Ion Ratio Lower Upper
130 100
95 96.3 0.0 195.8





#45

1,2-Dichloropropane

Concen: 18.004 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 18968

Ion Ratio Lower Upper

63 100

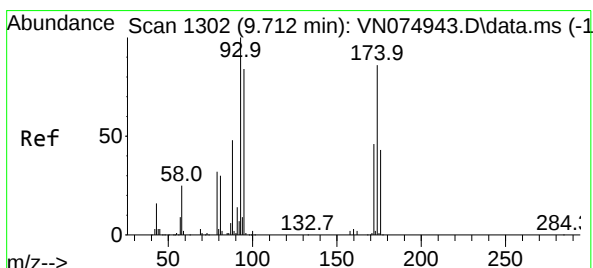
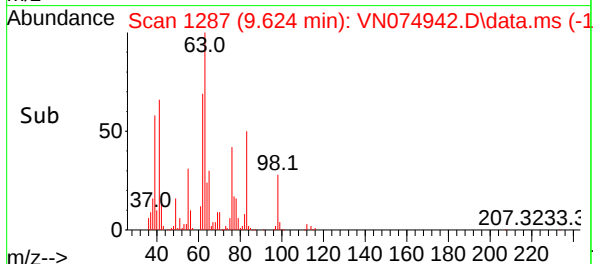
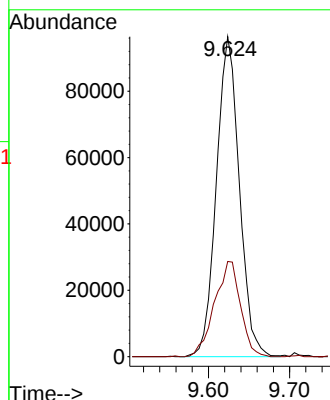
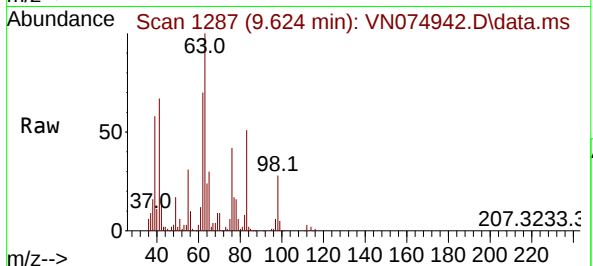
65 29.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#46

Dibromomethane

Concen: 20.562 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

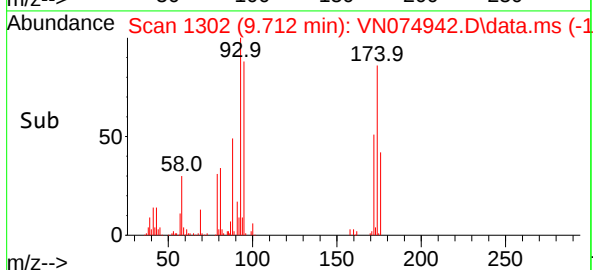
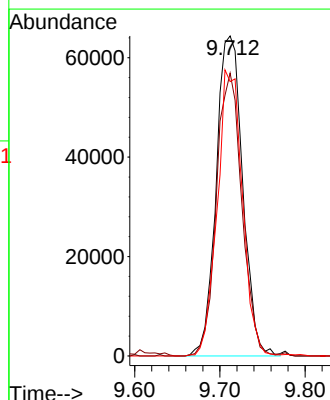
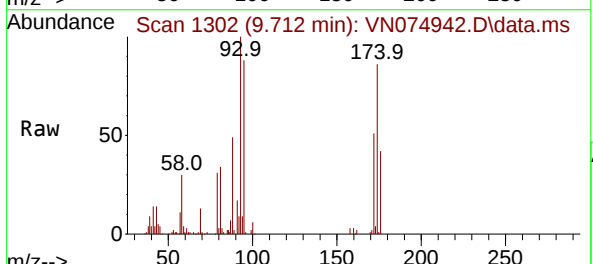
Tgt Ion: 93 Resp: 139095

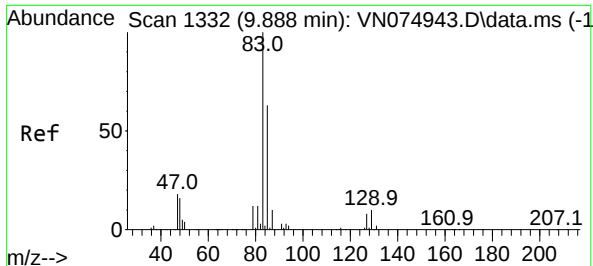
Ion Ratio Lower Upper

93 100

95 85.1 66.0 99.0

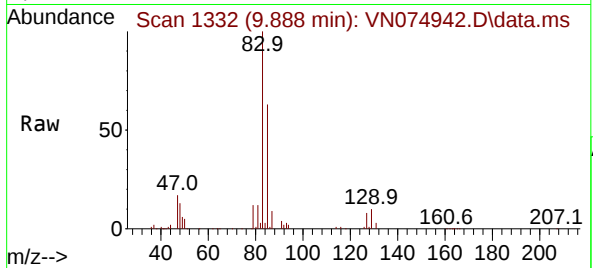
174 85.0 68.8 103.2





#47
Bromodichloromethane
Concen: 20.969 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

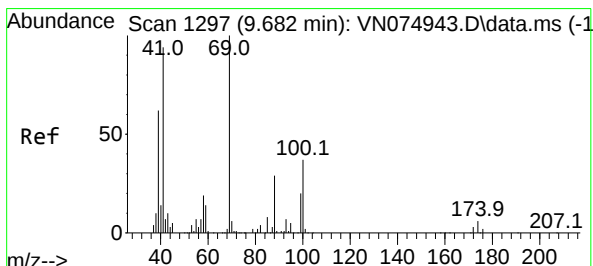
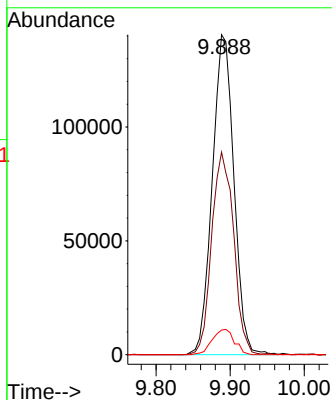
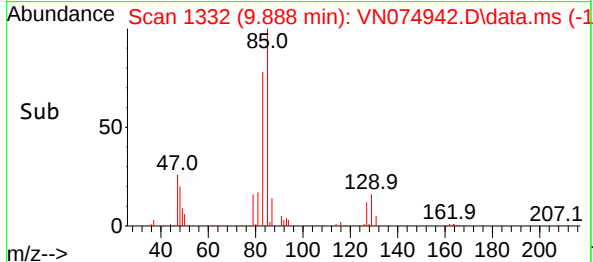
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



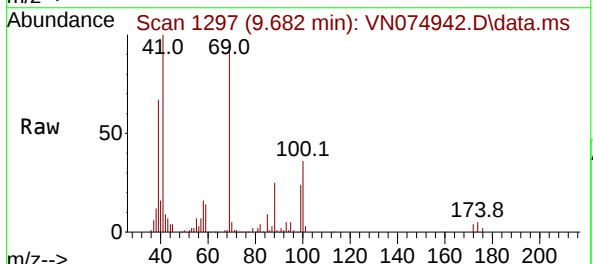
Tgt Ion: 83 Resp: 28458
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 7.7 6.5 9.7

Manual Integrations
APPROVED

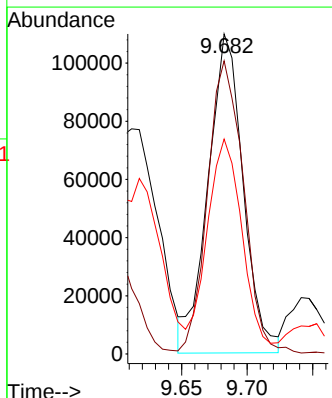
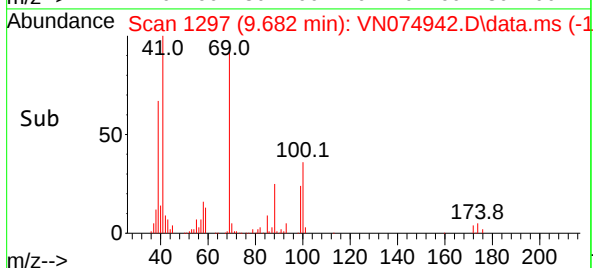
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

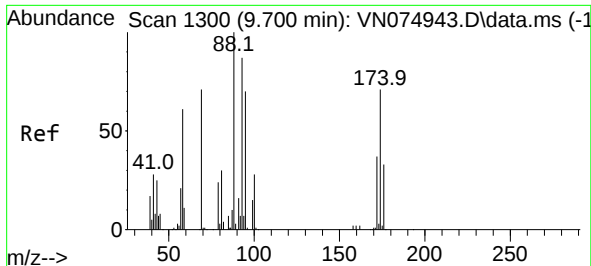


#48
Methyl methacrylate
Concen: 17.303 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16



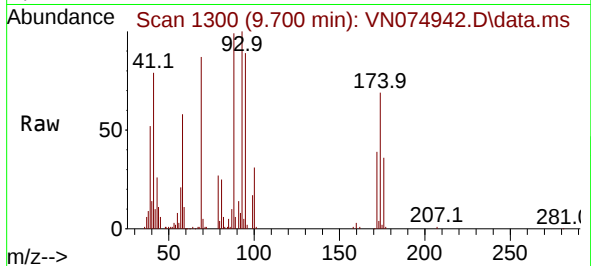
Tgt Ion: 41 Resp: 204052
Ion Ratio Lower Upper
41 100
69 93.1 79.7 119.5
39 67.0 55.1 82.7





#49
1,4-Dioxane
Concen: 410.873 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

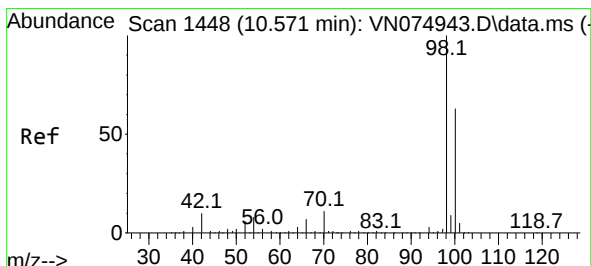
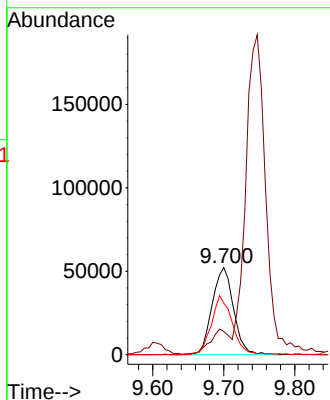
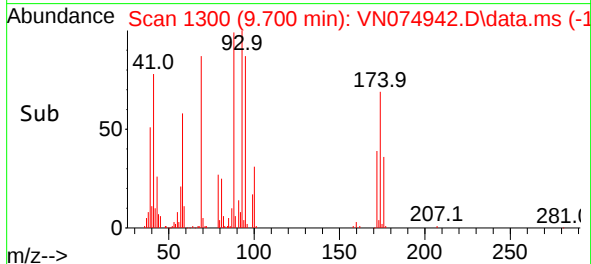
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 108702
Ion Ratio Lower Upper
88 100
43 26.2 21.1 31.7
58 66.1 49.8 74.8

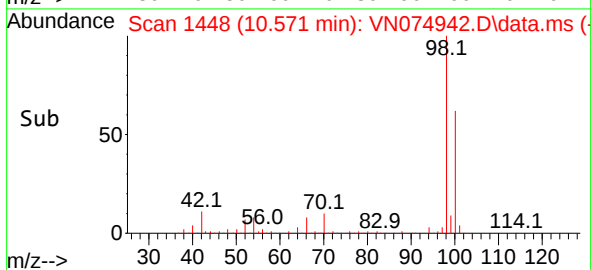
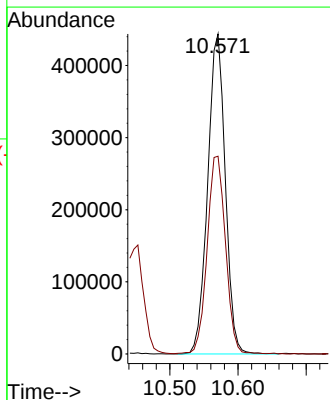
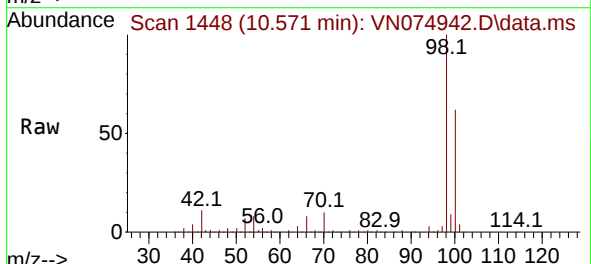
Manual Integrations
APPROVED

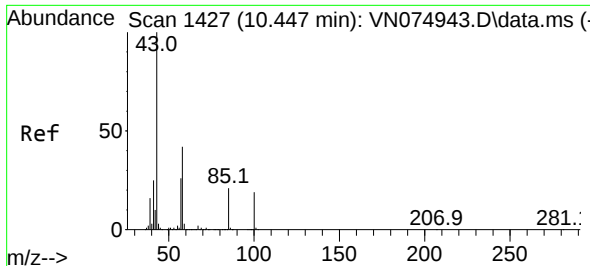
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#50
Toluene-d8
Concen: 22.393 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Tgt Ion: 98 Resp: 798254
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2





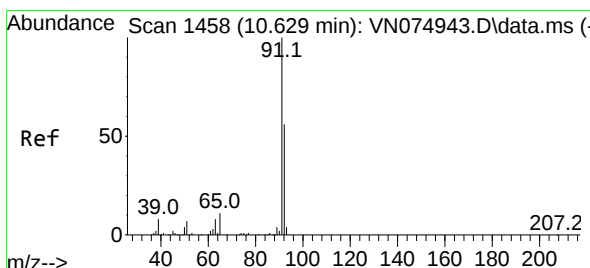
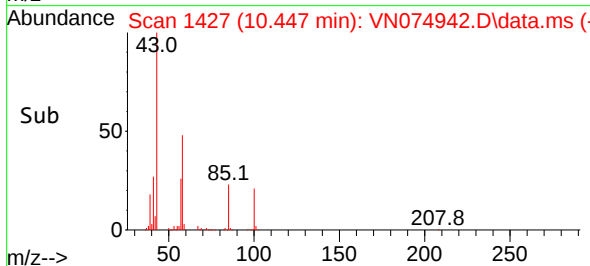
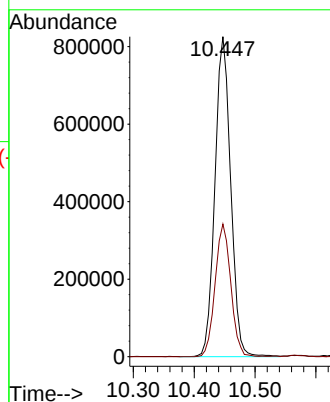
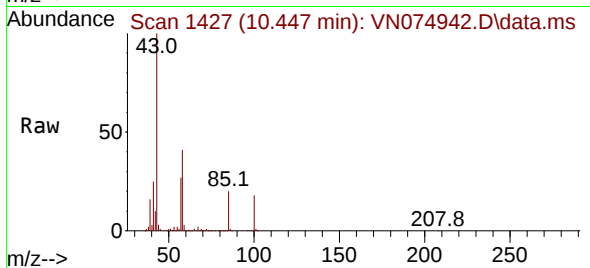
#51
4-Methyl-2-Pentanone
Concen: 86.965 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 1483014
Ion Ratio Lower Upper
43 100
58 41.3 33.6 50.4

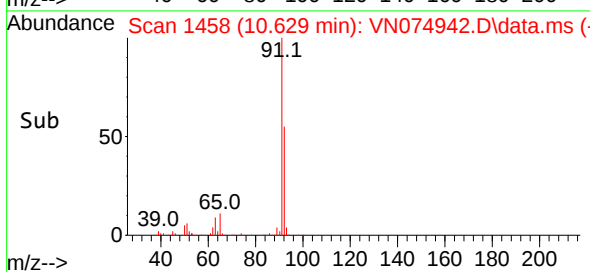
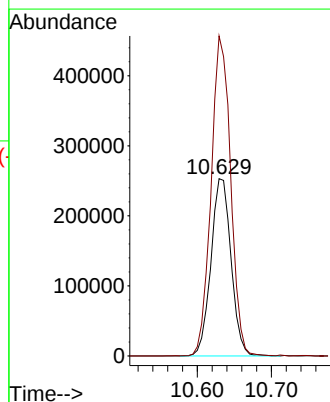
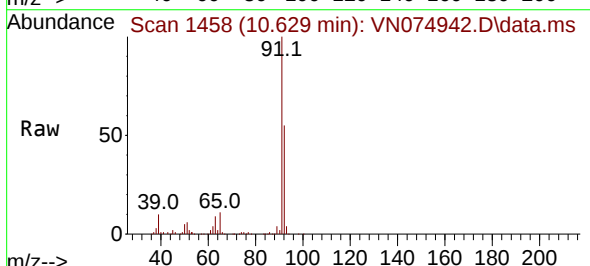
Manual Integrations
APPROVED

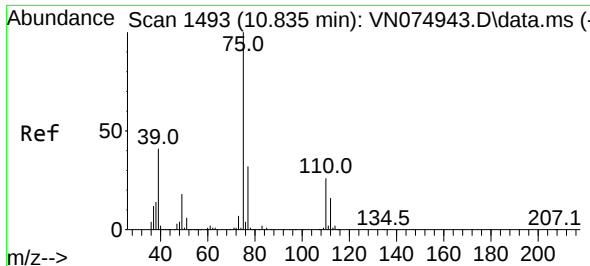
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#52
Toluene
Concen: 19.936 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Tgt Ion: 92 Resp: 477603
Ion Ratio Lower Upper
92 100
91 174.9 139.2 208.8





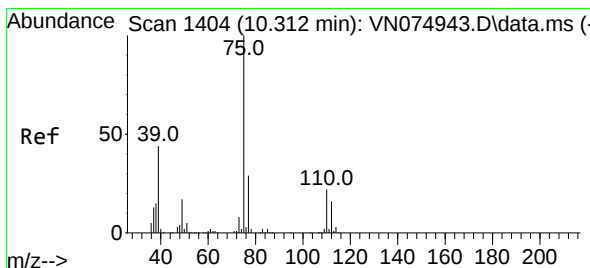
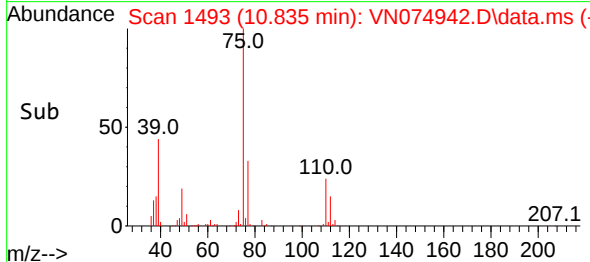
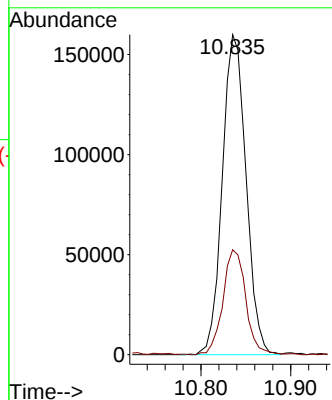
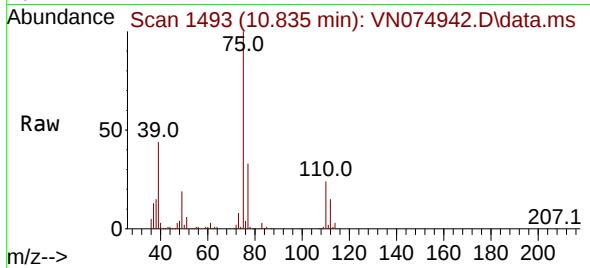
#53
t-1,3-Dichloropropene
Concen: 21.062 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 29329
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8

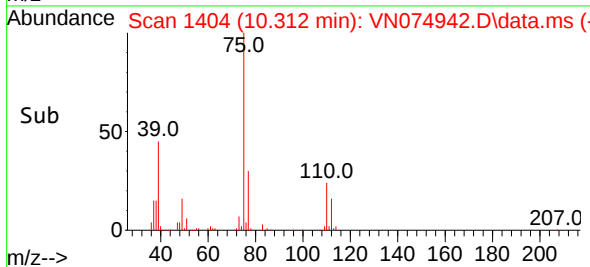
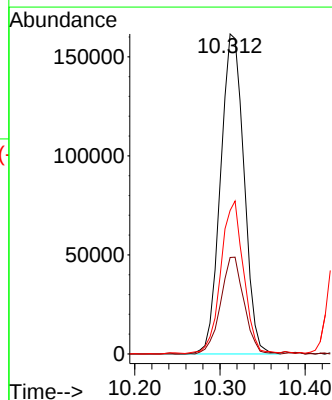
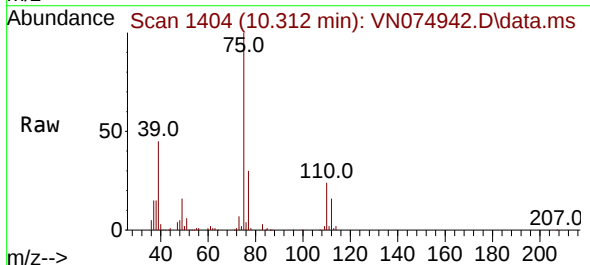
Manual Integrations
APPROVED

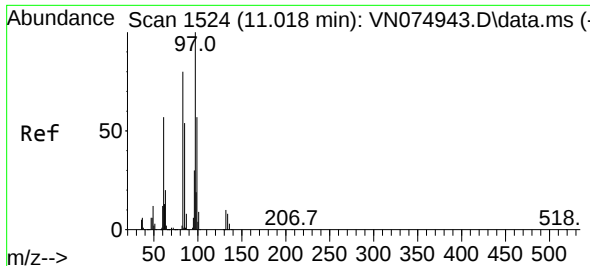
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#54
cis-1,3-Dichloropropene
Concen: 20.511 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

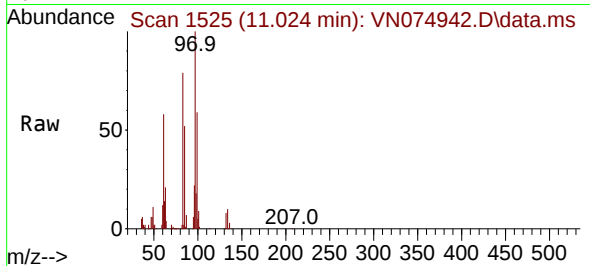
Tgt Ion: 75 Resp: 308206
Ion Ratio Lower Upper
75 100
77 30.2 23.5 35.3
39 44.6 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 19.959 ug/l
RT: 11.024 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

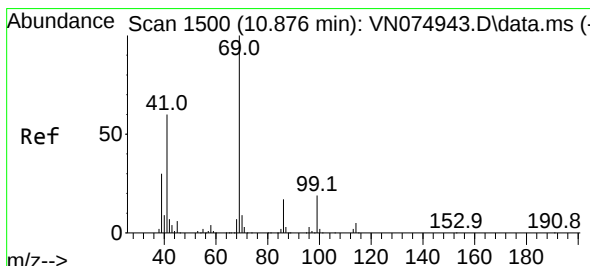
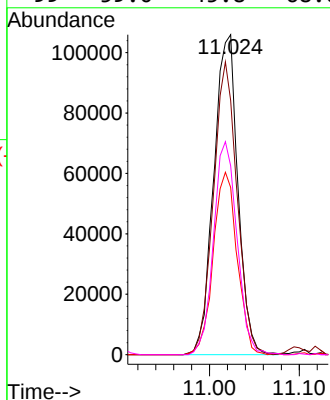
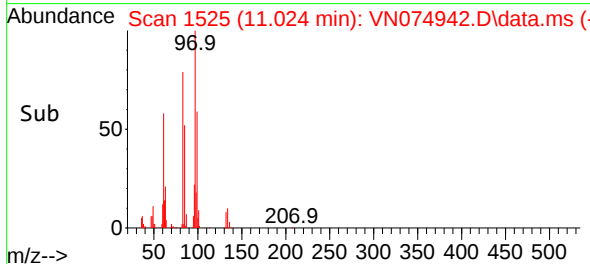
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:	97	Ratio	100	Lower	Upper
97	100				
83	79.4		64.2	96.4	
85	52.3		43.3	64.9	
99	59.0		45.8	68.6	

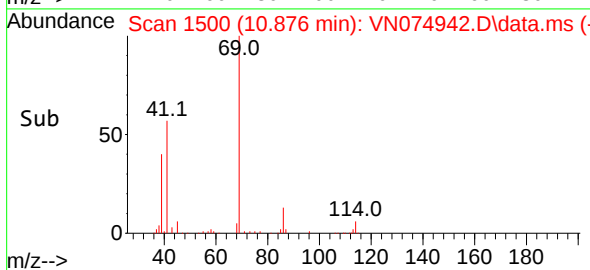
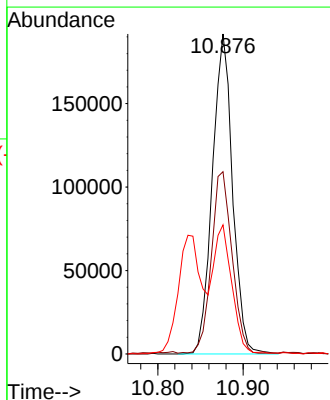
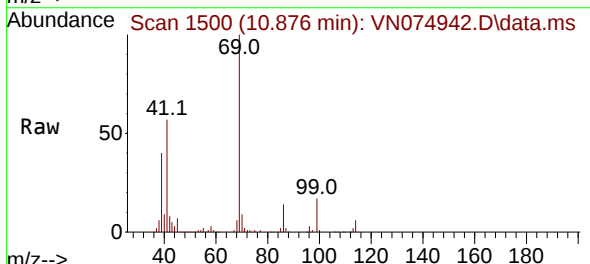
Manual Integrations
APPROVED

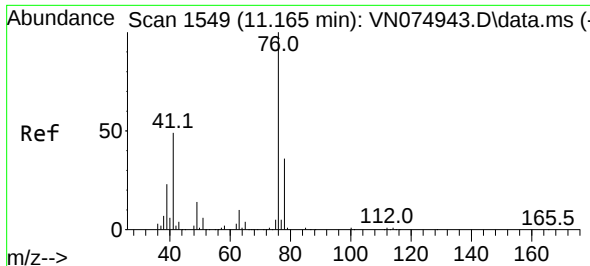
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#56
Ethyl methacrylate
Concen: 20.004 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

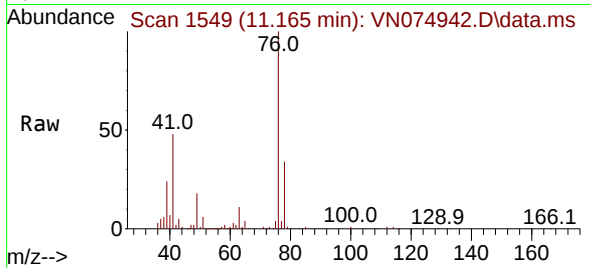
Tgt Ion:	69	Ratio	100	Lower	Upper
69	100				
41	57.9		45.1	67.7	
39	35.9		32.0	48.0	





#57
1,3-Dichloropropane
Concen: 19.779 ug/l
RT: 11.165 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

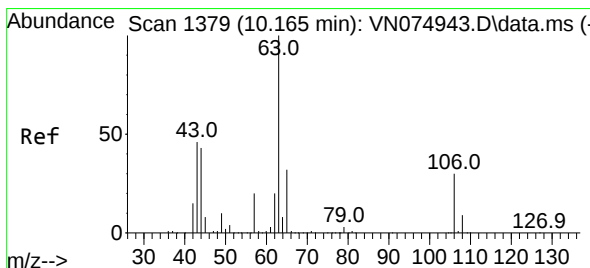
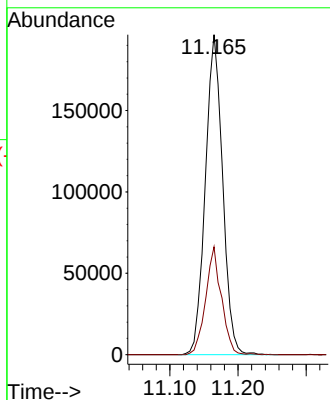
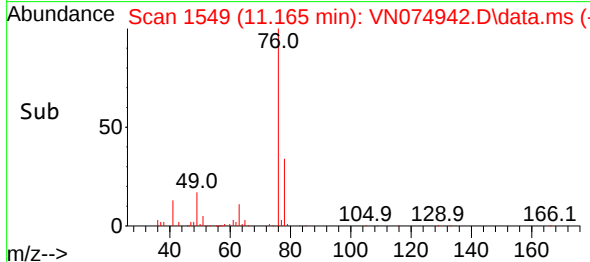
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 346260
Ion Ratio Lower Upper
76 100
78 30.9 26.4 39.6

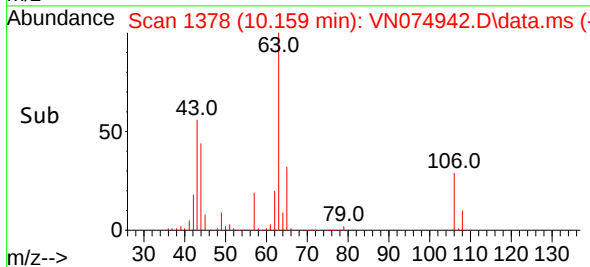
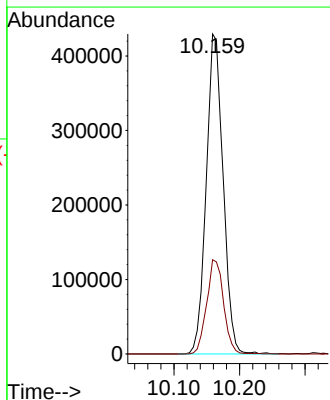
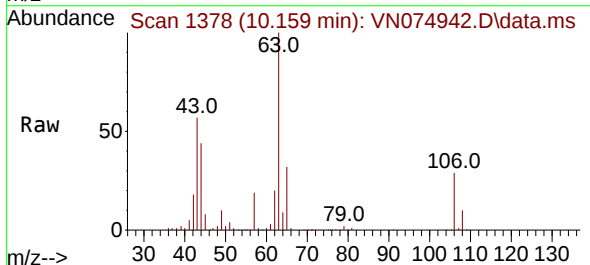
Manual Integrations
APPROVED

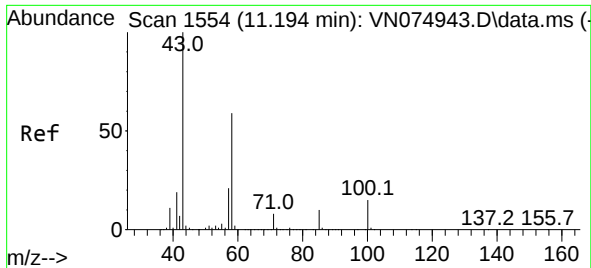
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#58
2-Chloroethyl Vinyl ether
Concen: 118.755 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

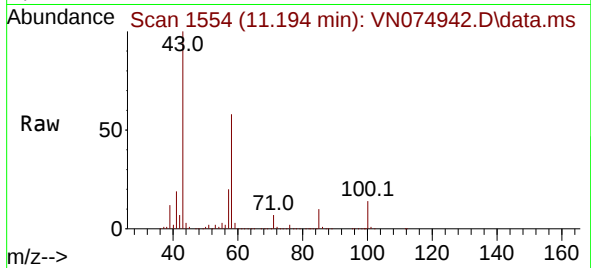
Tgt Ion: 63 Resp: 769396
Ion Ratio Lower Upper
63 100
106 29.5 24.1 36.1





#59
2-Hexanone
Concen: 92.068 ug/l
RT: 11.194 min Scan# 1154679
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

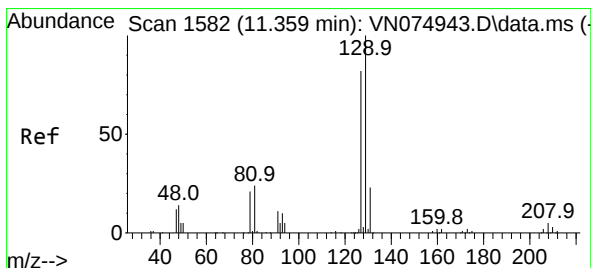
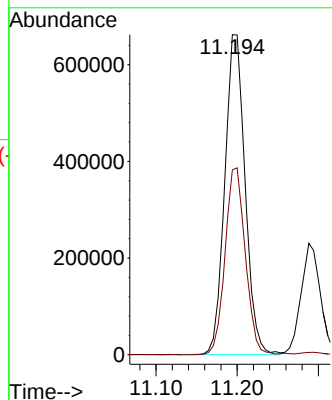
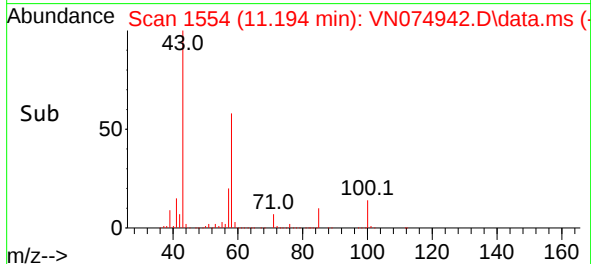
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 1154679
Ion Ratio Lower Upper
43 100
58 58.0 29.5 88.5

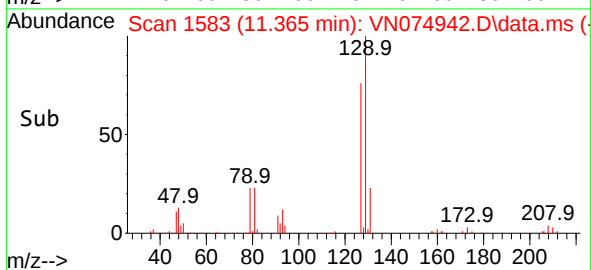
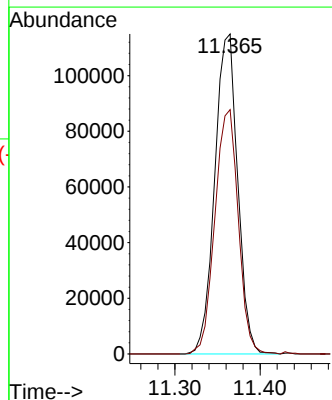
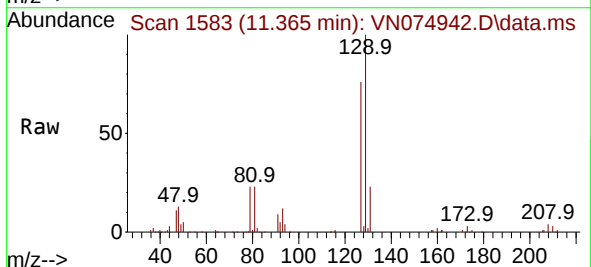
Manual Integrations
APPROVED

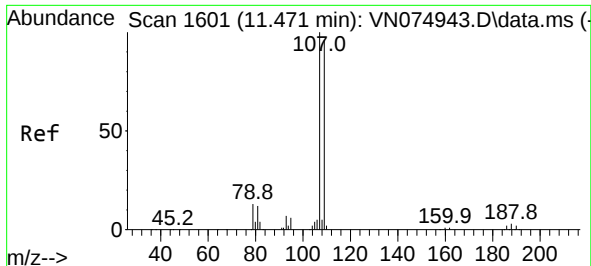
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#60
Dibromochloromethane
Concen: 22.180 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

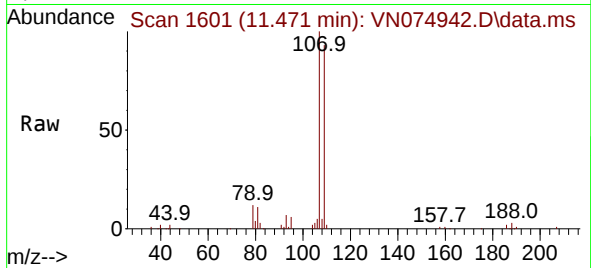
Tgt Ion:129 Resp: 215290
Ion Ratio Lower Upper
129 100
127 77.7 39.0 116.9





#61
1,2-Dibromoethane
Concen: 21.544 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

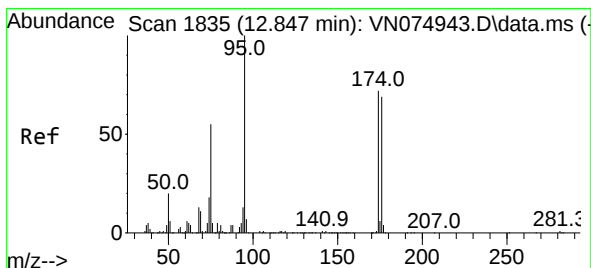
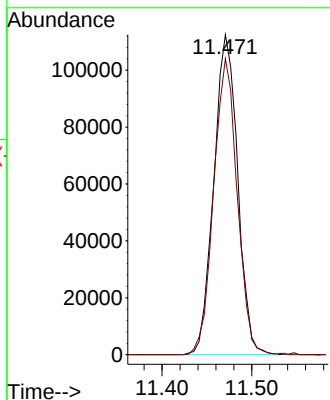
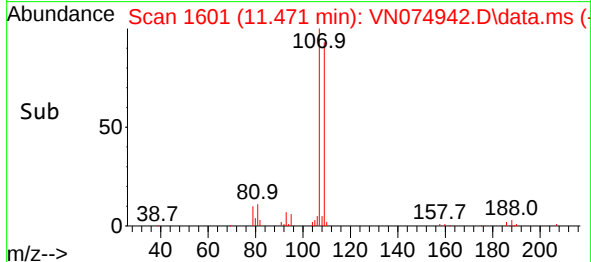
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 207170
Ion Ratio Lower Upper
107 100
109 91.8 75.5 113.3

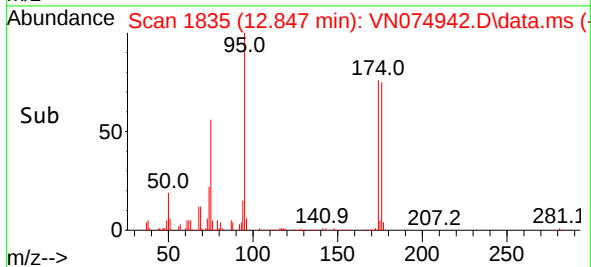
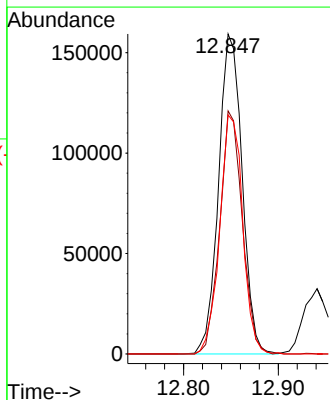
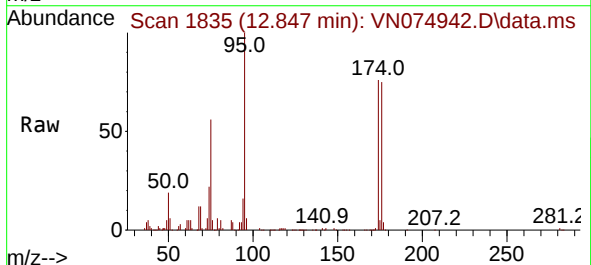
Manual Integrations
APPROVED

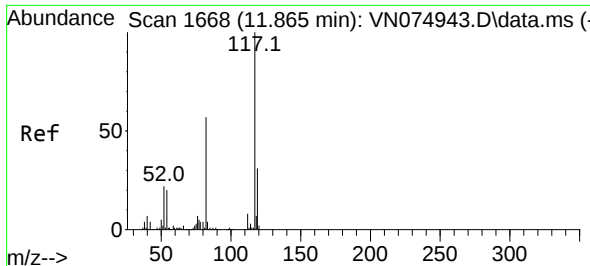
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#62
4-Bromofluorobenzene
Concen: 26.854 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

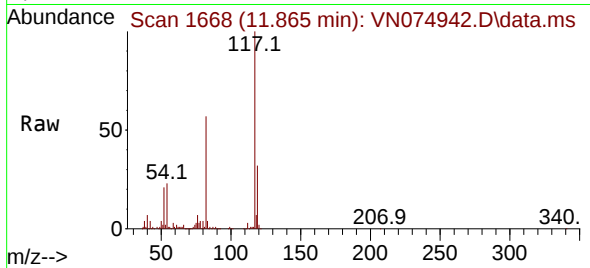
Tgt Ion: 95 Resp: 275224
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.0
176 72.8 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

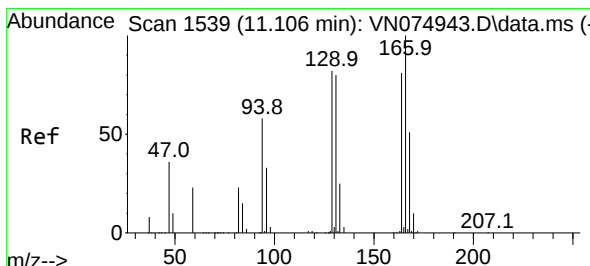
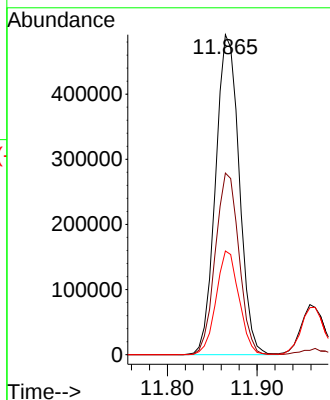
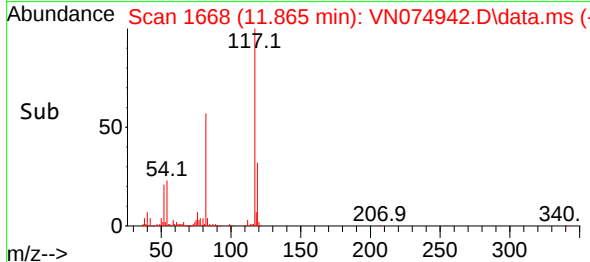
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



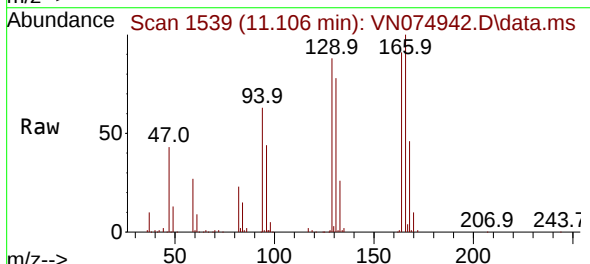
Tgt Ion:117 Resp: 897952
Ion Ratio Lower Upper
117 100
82 56.7 45.6 68.4
119 32.4 25.1 37.7

Manual Integrations
APPROVED

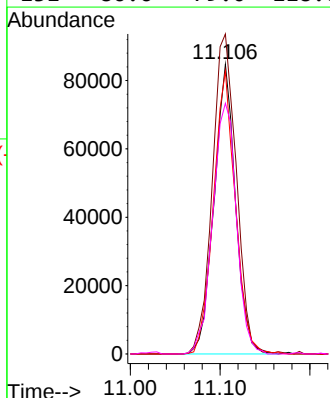
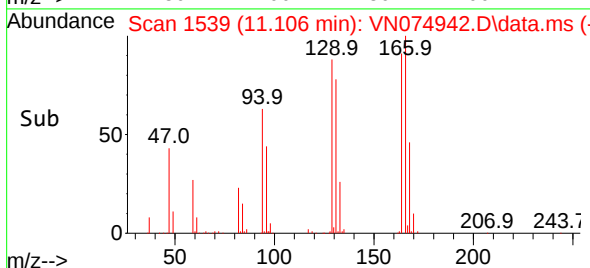
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

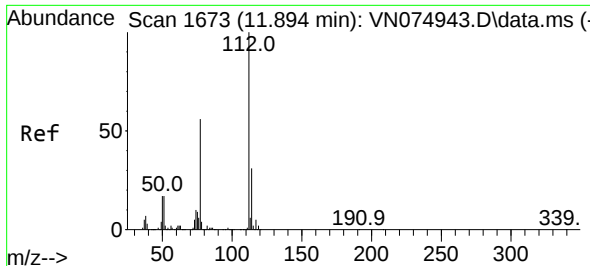


#64
Tetrachloroethene
Concen: 18.788 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16



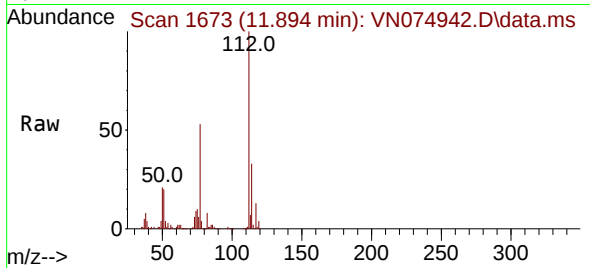
Tgt Ion:164 Resp: 140280
Ion Ratio Lower Upper
164 100
166 110.5 98.6 148.0
129 97.7 81.2 121.8
131 86.6 79.0 118.6





#65
Chlorobenzene
Concen: 20.498 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

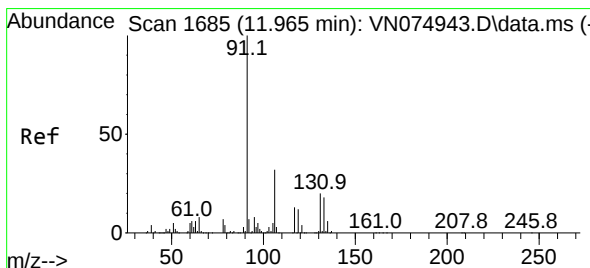
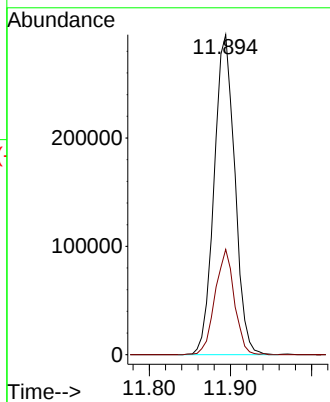
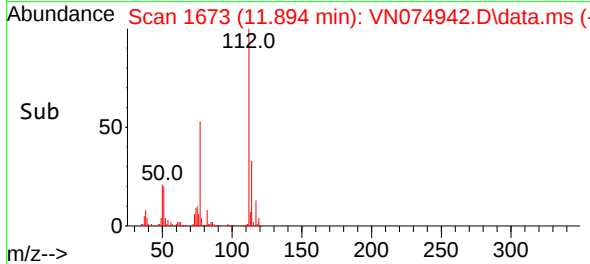
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



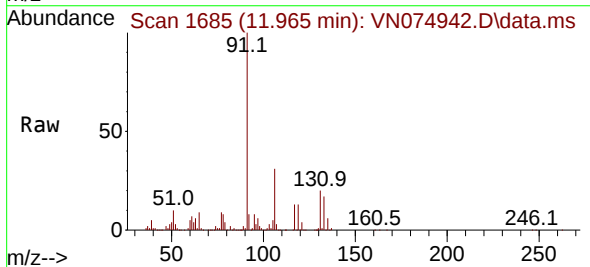
Tgt Ion:112 Resp: 52255
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.6

Manual Integrations
APPROVED

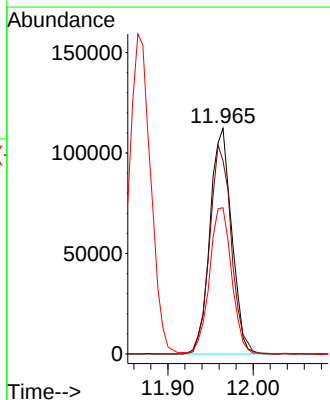
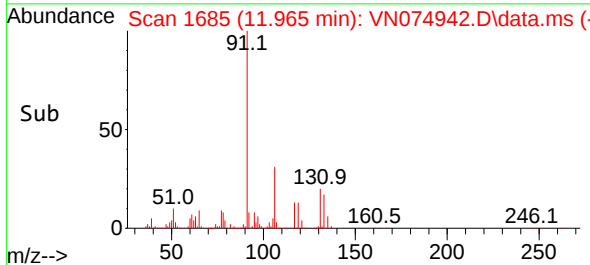
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

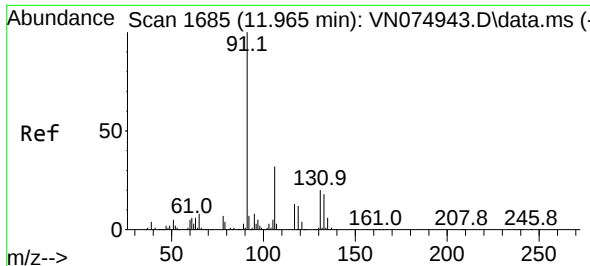


#66
1,1,1,2-Tetrachloroethane
Concen: 20.981 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16



Tgt Ion:131 Resp: 198171
Ion Ratio Lower Upper
131 100
133 92.3 46.6 139.7
119 66.5 32.4 97.0





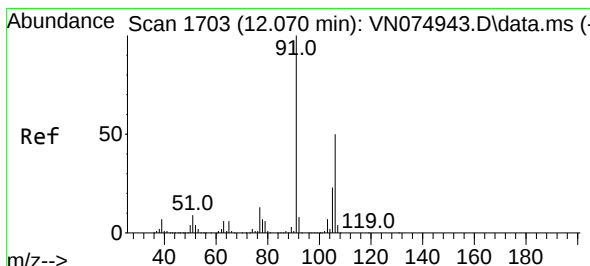
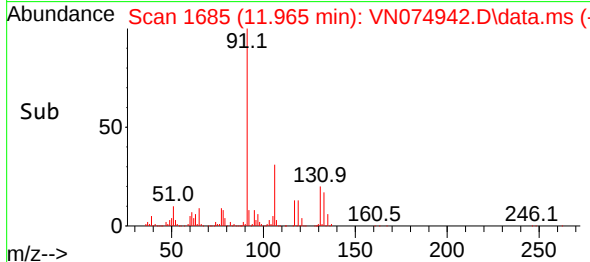
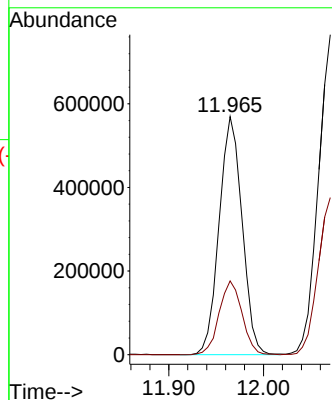
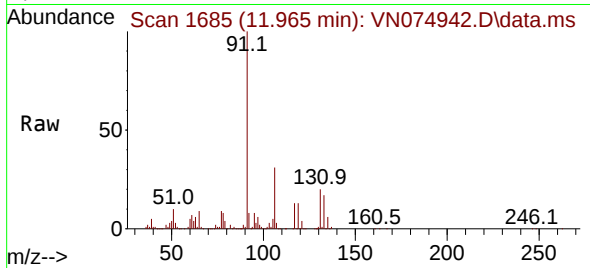
#67
Ethyl Benzene
Concen: 21.413 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 95960
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2

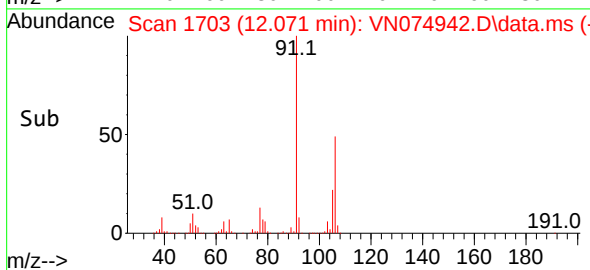
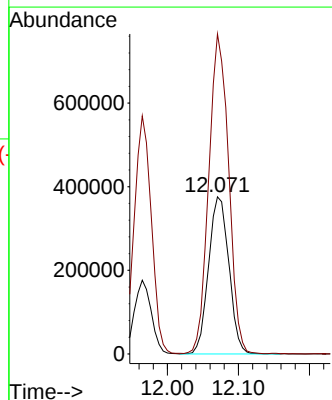
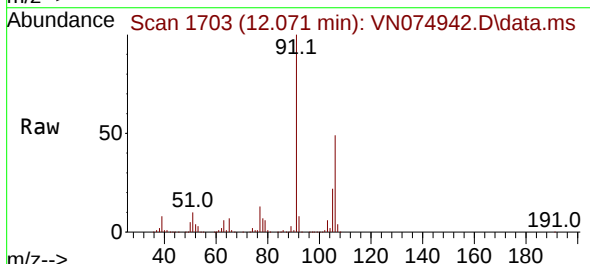
Manual Integrations
APPROVED

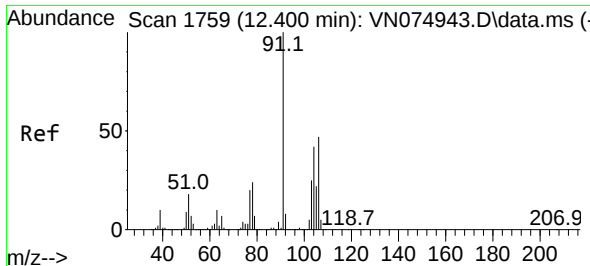
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#68
m/p-Xylenes
Concen: 44.026 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

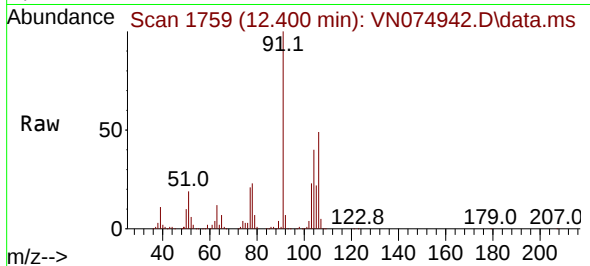
Tgt Ion:106 Resp: 746748
Ion Ratio Lower Upper
106 100
91 199.0 159.7 239.5





#69
o-Xylene
Concen: 21.109 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

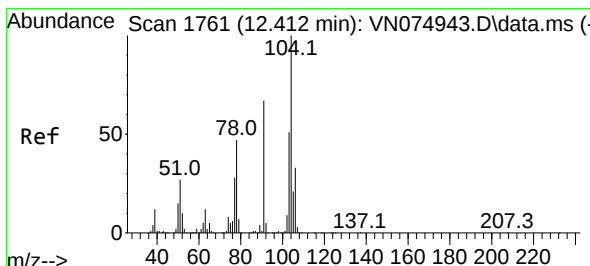
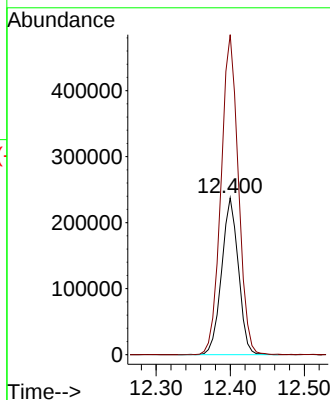
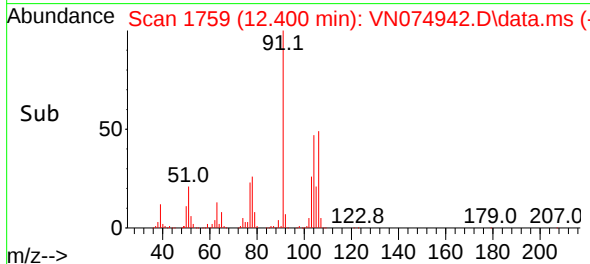
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:106 Resp: 372104
Ion Ratio Lower Upper
106 100
91 211.9 103.6 310.7

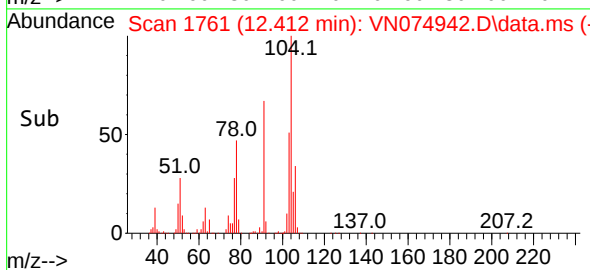
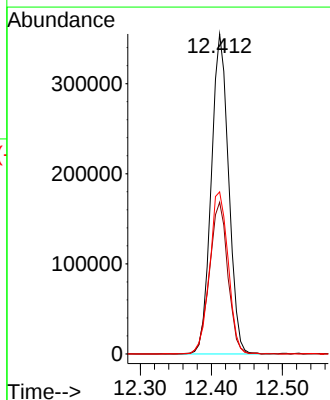
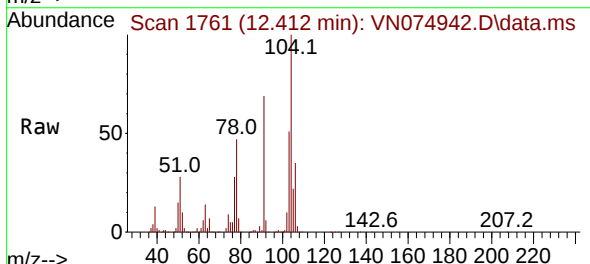
Manual Integrations
APPROVED

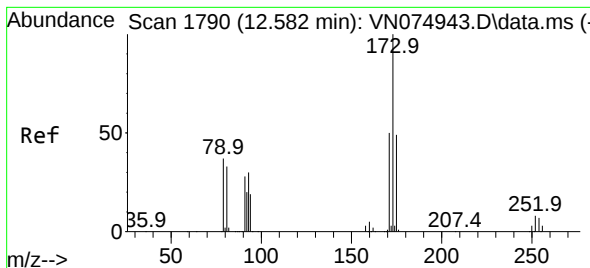
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#70
Styrene
Concen: 21.985 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Tgt Ion:104 Resp: 603051
Ion Ratio Lower Upper
104 100
78 50.2 39.4 59.2
103 54.2 43.0 64.4





#71

Bromoform

Concen: 22.768 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:173 Resp: 152285

Ion Ratio Lower Upper

173 100

175 47.2 24.8 74.3

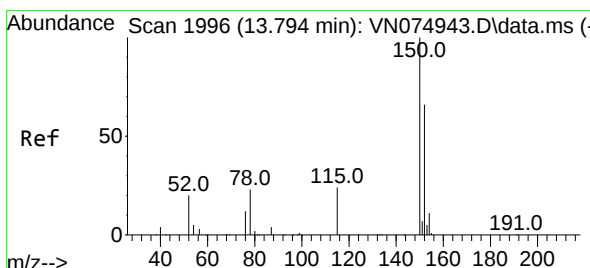
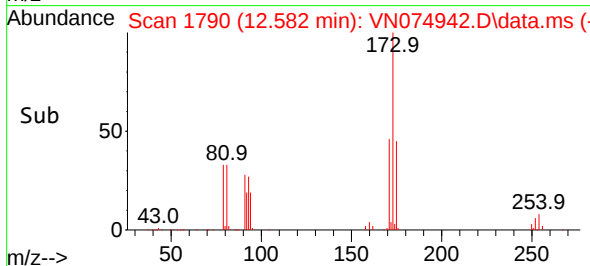
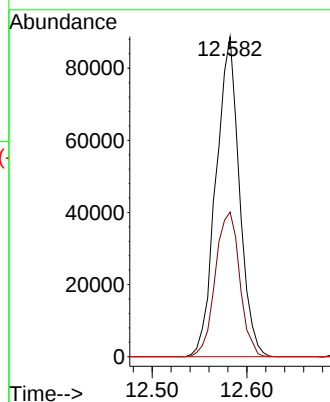
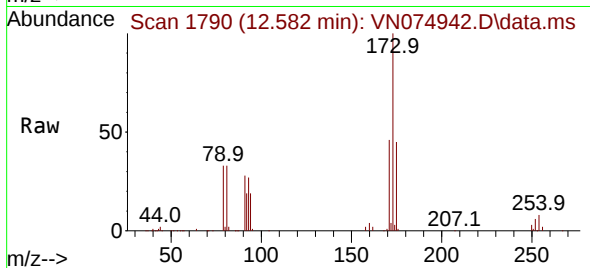
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

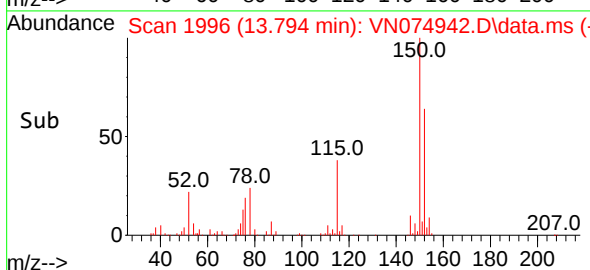
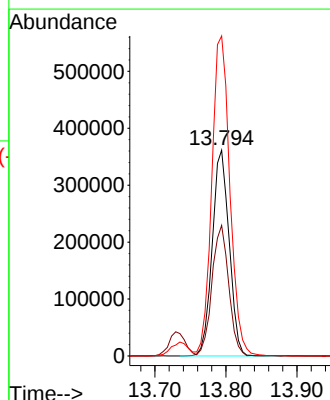
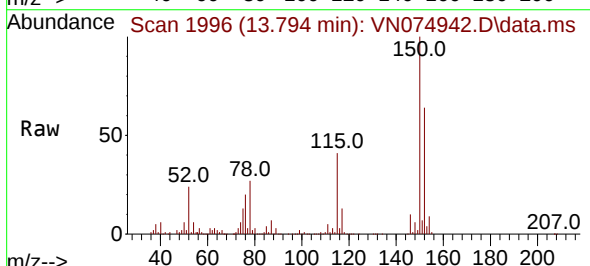
Tgt Ion:152 Resp: 596475

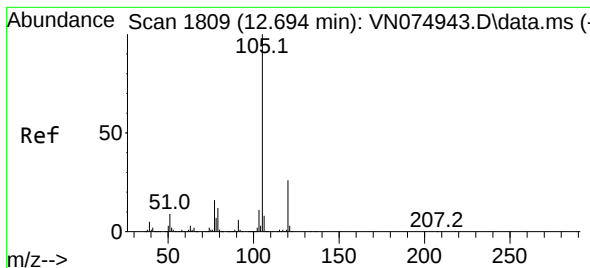
Ion Ratio Lower Upper

152 100

115 62.7 31.3 93.8

150 166.3 0.0 349.6





#73

Isopropylbenzene

Concen: 18.107 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 95985

Ion Ratio Lower Upper

105 100

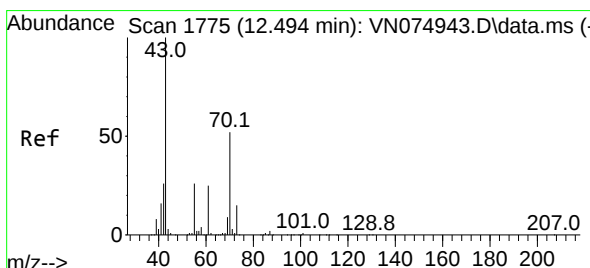
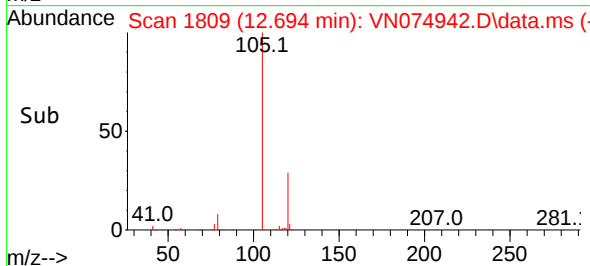
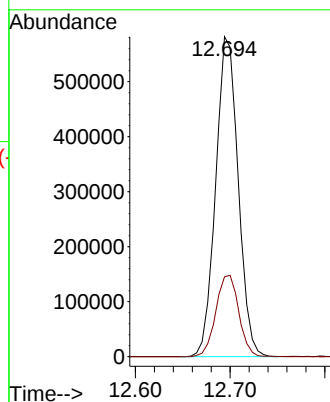
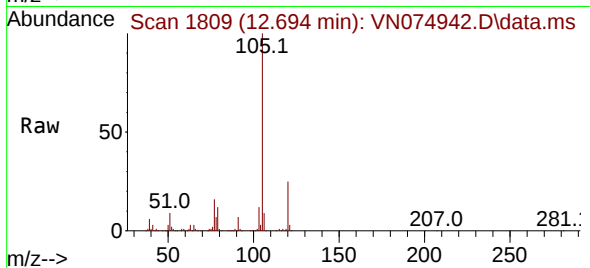
120 26.0 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#74

N-ethyl acetate

Concen: 14.971 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

Tgt Ion: 43 Resp: 392077

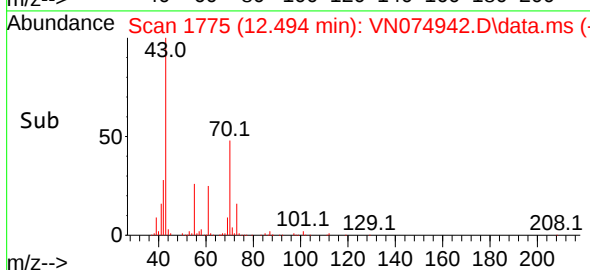
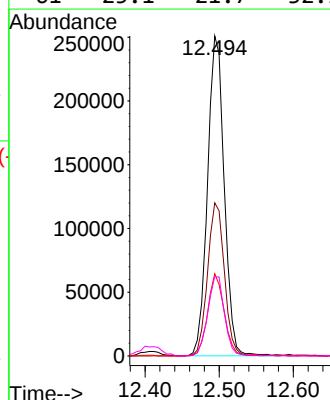
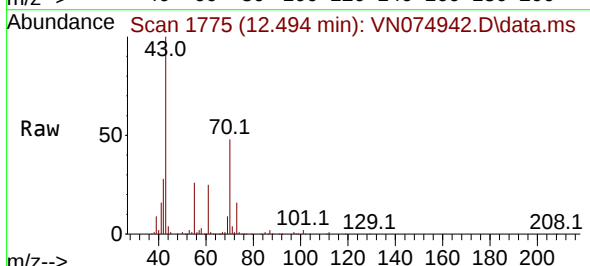
Ion Ratio Lower Upper

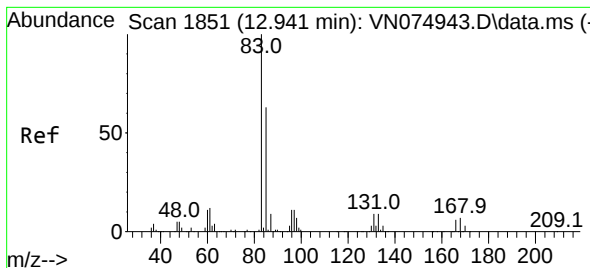
43 100

70 48.4 40.2 60.2

55 25.5 20.6 31.0

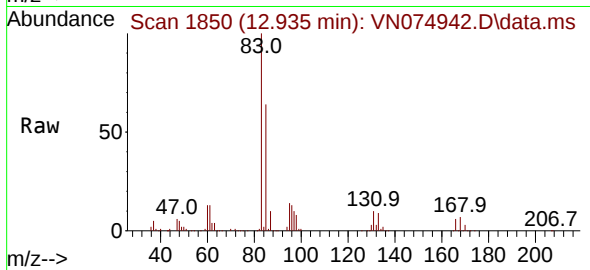
61 25.1 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 16.886 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

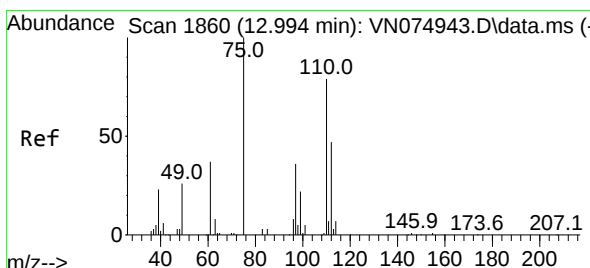
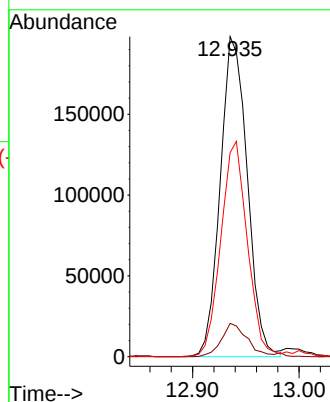
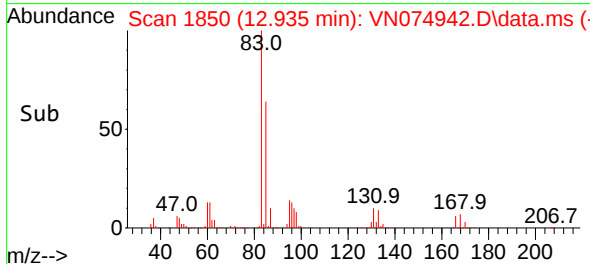
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 34923
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 65.9 32.6 97.7

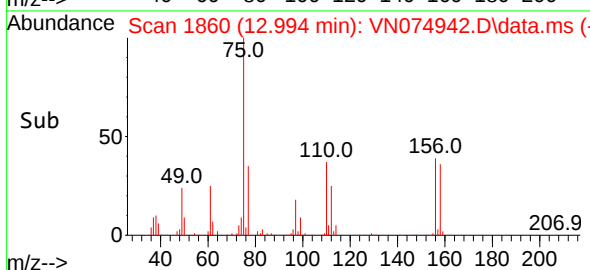
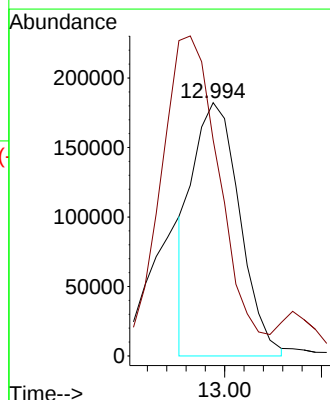
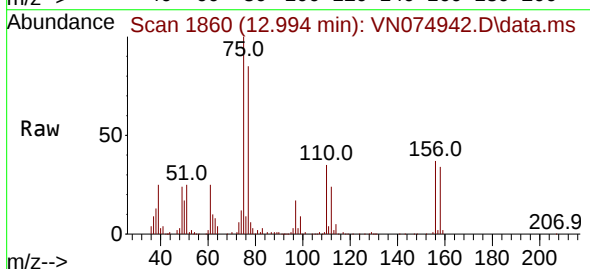
Manual Integrations
APPROVED

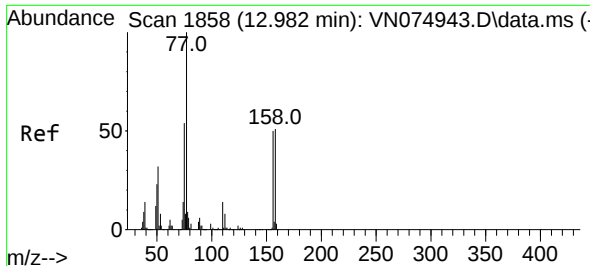
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#76
1,2,3-Trichloropropane
Concen: 20.612 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Tgt Ion: 75 Resp: 309017
Ion Ratio Lower Upper
75 100
77 159.5 81.0 243.0





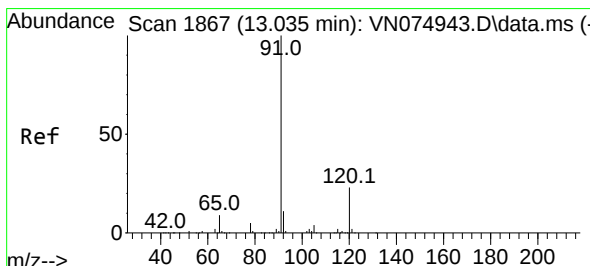
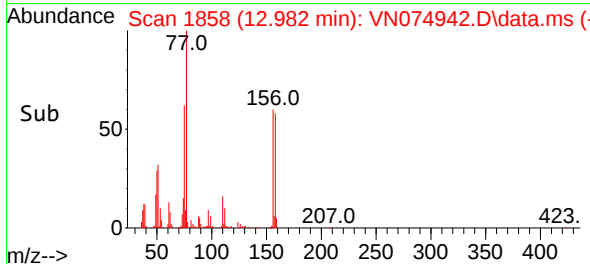
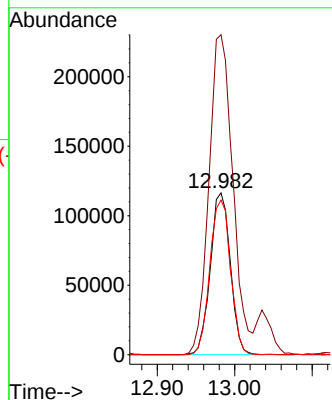
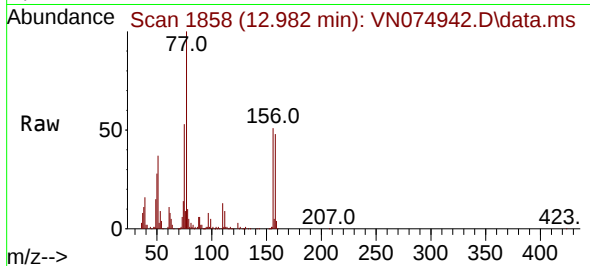
#77
Bromobenzene
Concen: 17.703 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 209023
Ion Ratio Lower Upper
156 100
77 235.8 117.1 351.3
158 98.6 48.3 144.9

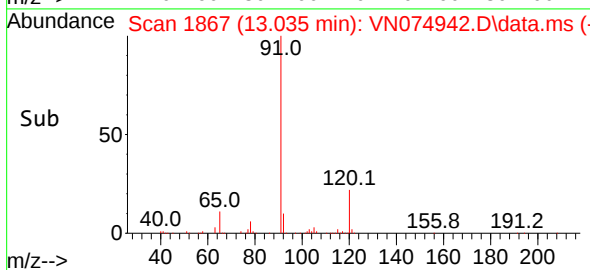
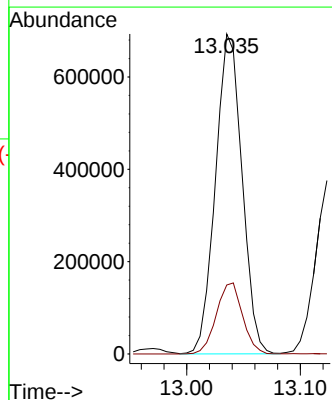
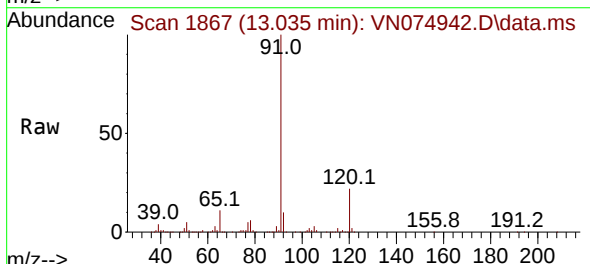
Manual Integrations
APPROVED

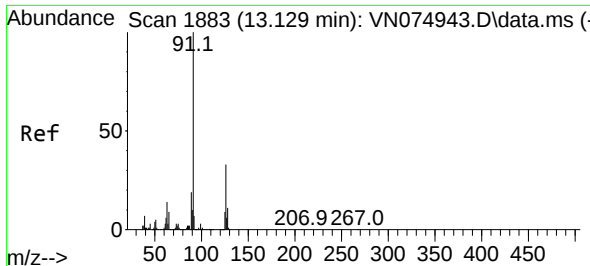
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#78
n-propylbenzene
Concen: 18.963 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Tgt Ion: 91 Resp: 1127974
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





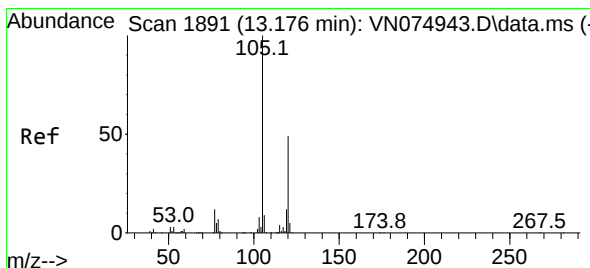
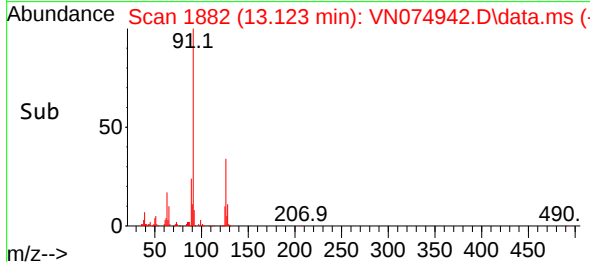
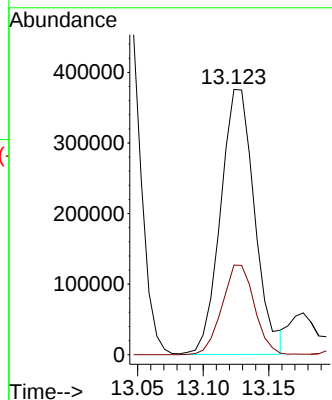
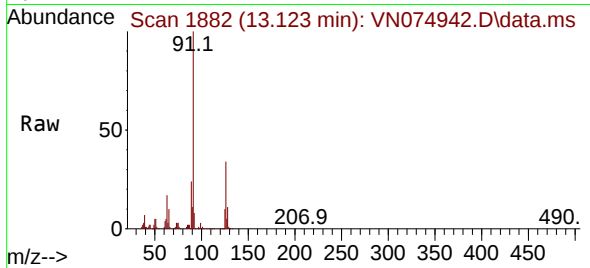
#79
2-Chlorotoluene
Concen: 20.050 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 678890
Ion Ratio Lower Upper
91 100
126 32.2 17.0 51.0

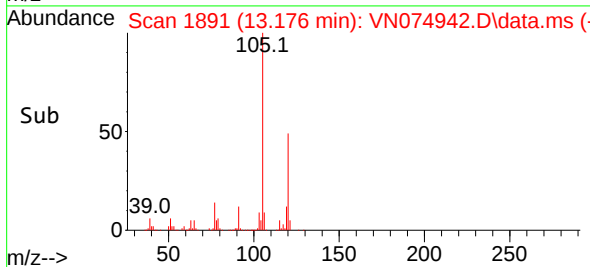
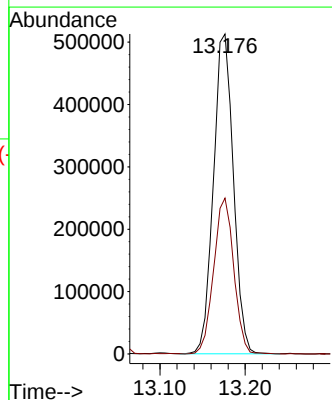
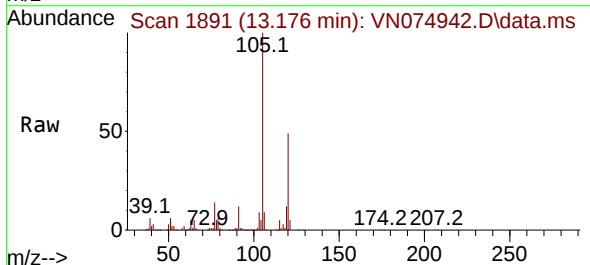
Manual Integrations
APPROVED

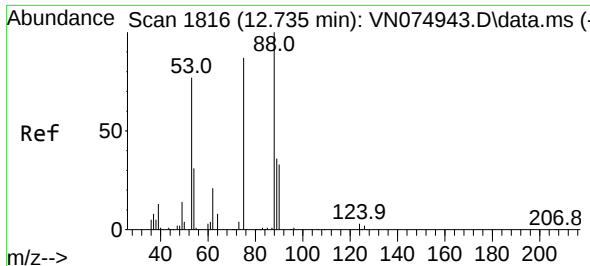
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.124 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

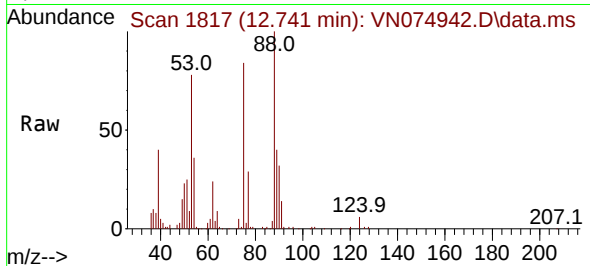
Tgt Ion:105 Resp: 834178
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 17.958 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

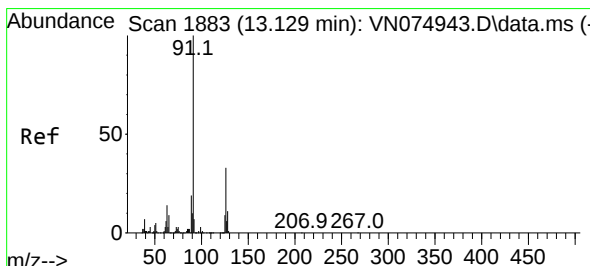
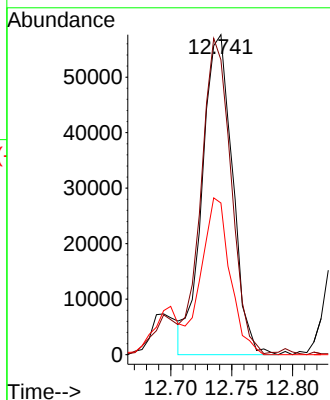
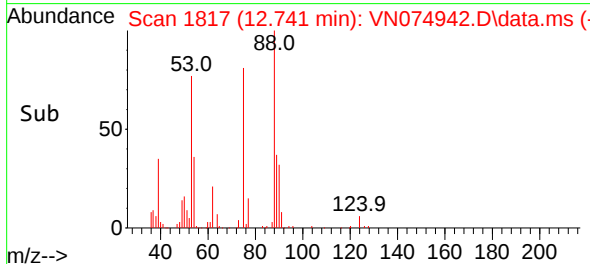
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 9948
Ion Ratio Lower Upper
75 100
53 108.4 79.2 118.8
89 46.0 37.9 56.9

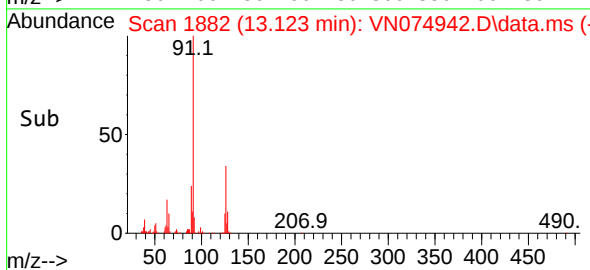
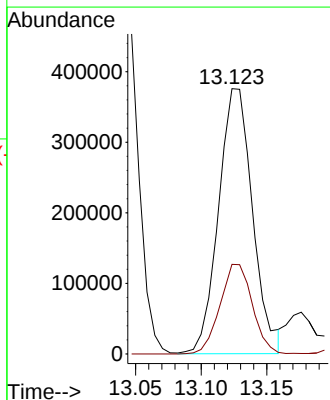
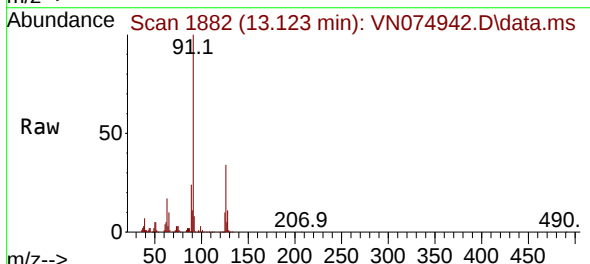
Manual Integrations
APPROVED

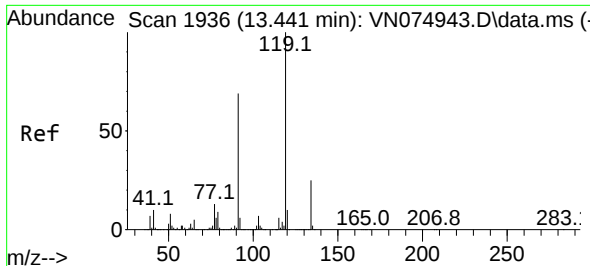
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#82
4-Chlorotoluene
Concen: 20.050 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

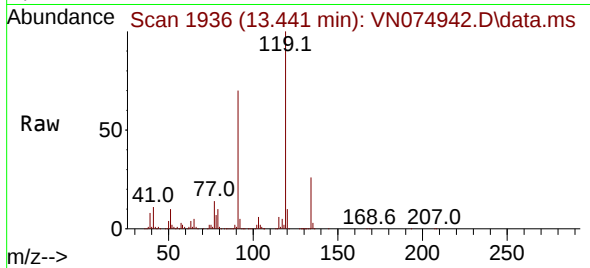
Tgt Ion: 91 Resp: 678890
Ion Ratio Lower Upper
91 100
126 32.2 17.0 51.0





#83
tert-Butylbenzene
Concen: 18.814 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

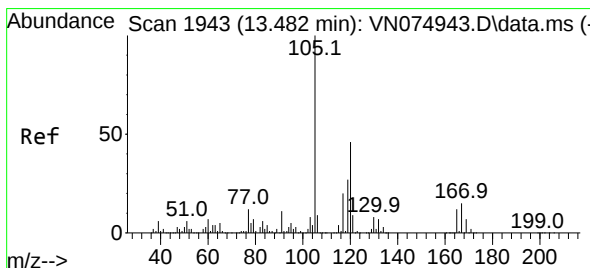
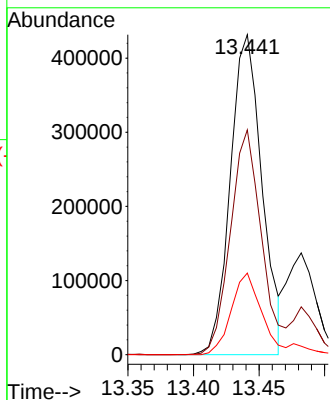
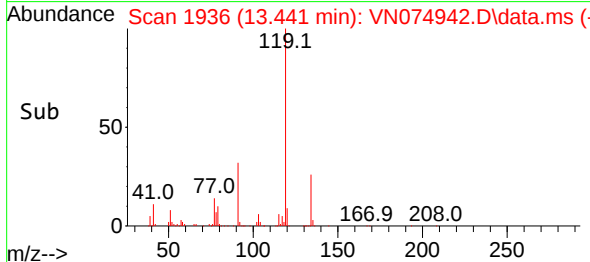
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



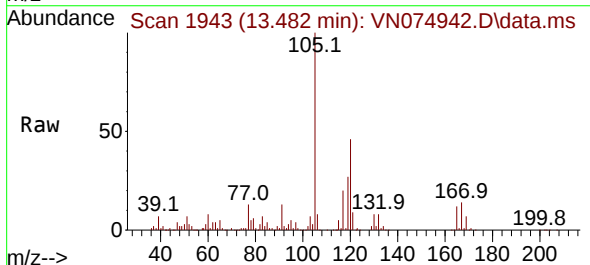
Tgt Ion:119 Resp: 725704
Ion Ratio Lower Upper
119 100
91 69.4 33.1 99.3
134 24.3 12.4 37.0

Manual Integrations
APPROVED

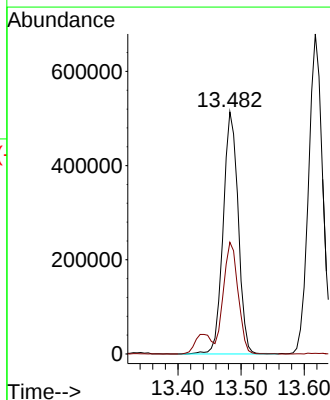
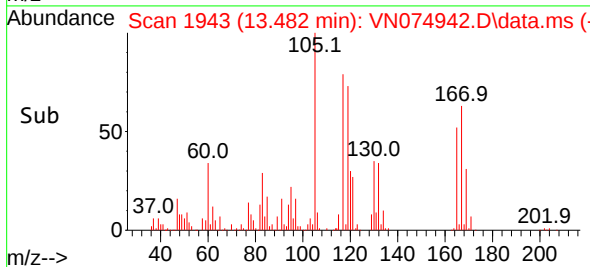
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

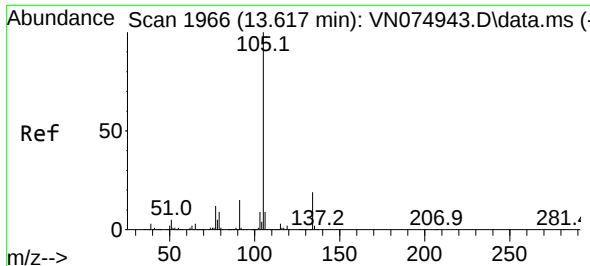


#84
1,2,4-Trimethylbenzene
Concen: 21.379 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16



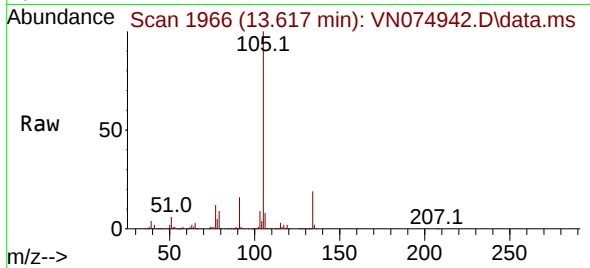
Tgt Ion:105 Resp: 847894
Ion Ratio Lower Upper
105 100
120 44.9 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 20.083 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074942.D
 Acq: 20 Oct 2022 15:16

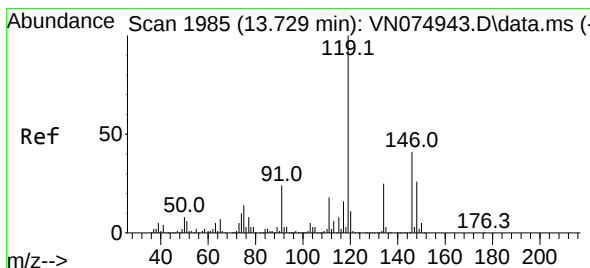
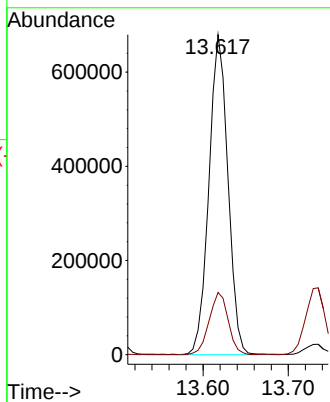
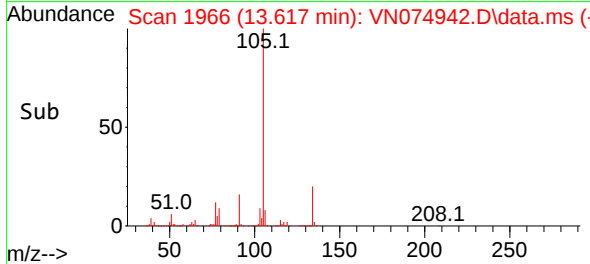
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 1052620
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

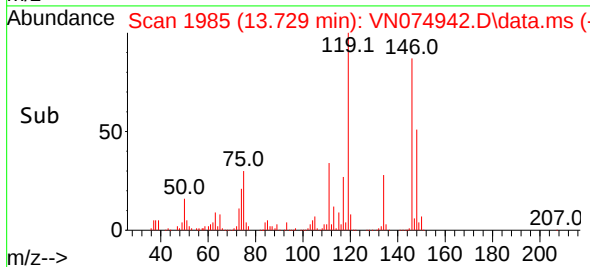
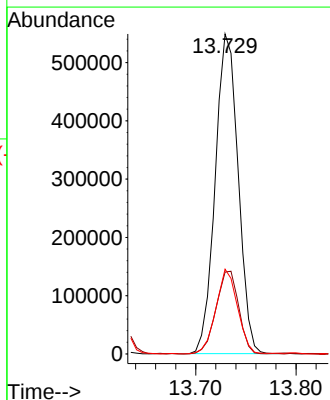
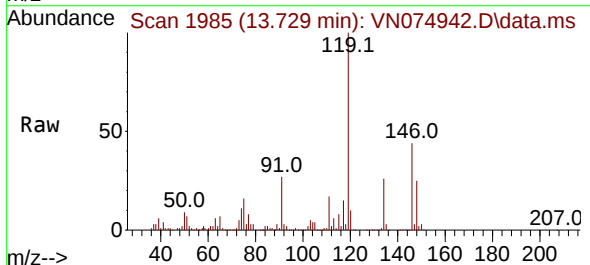
Manual Integrations
 APPROVED

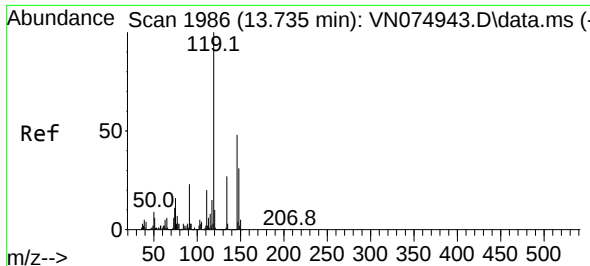
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#86
 p-Isopropyltoluene
 Concen: 21.979 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074942.D
 Acq: 20 Oct 2022 15:16

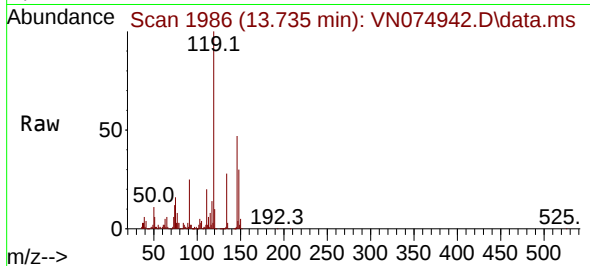
Tgt Ion:119 Resp: 871566
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 25.0 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 21.527 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

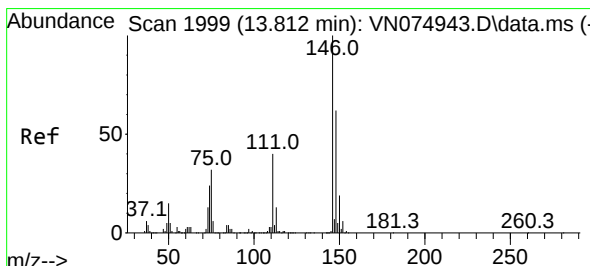
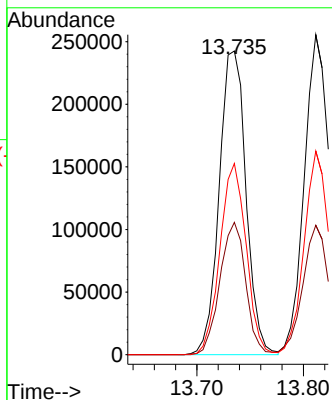
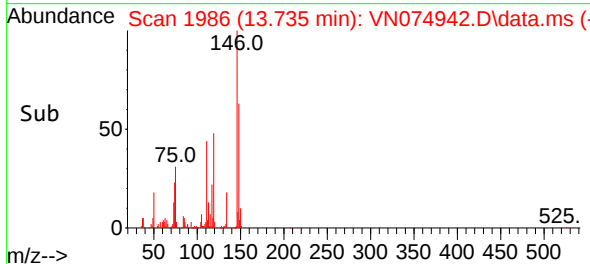
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



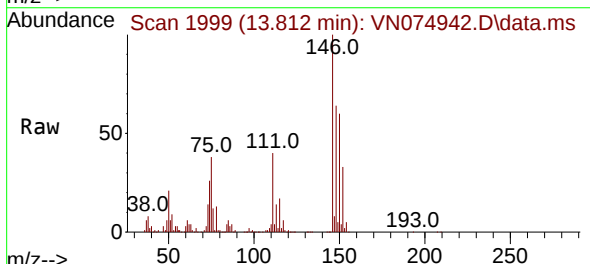
Tgt Ion:146 Resp: 423809
Ion Ratio Lower Upper
146 100
111 42.0 21.5 64.5
148 61.7 31.7 95.1

Manual Integrations
APPROVED

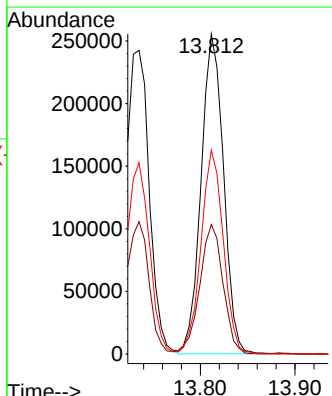
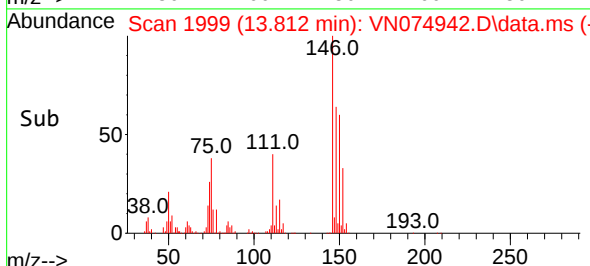
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

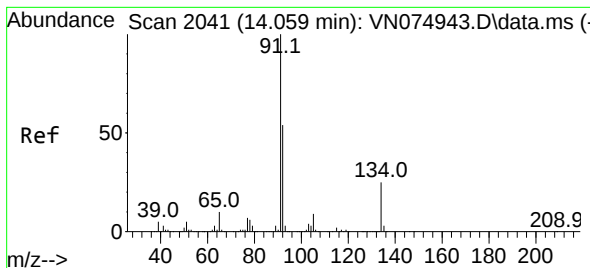


#88
1,4-Dichlorobenzene
Concen: 21.325 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16



Tgt Ion:146 Resp: 421468
Ion Ratio Lower Upper
146 100
111 41.7 20.3 61.0
148 63.4 32.3 96.9





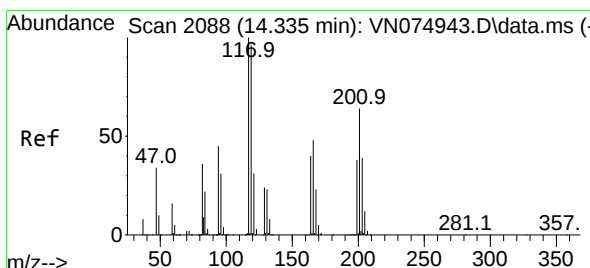
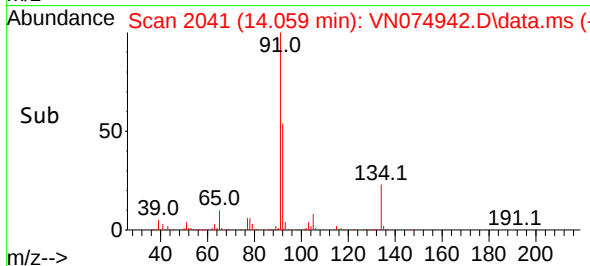
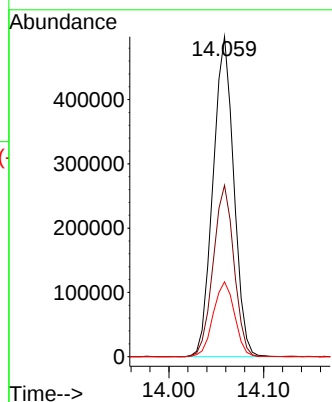
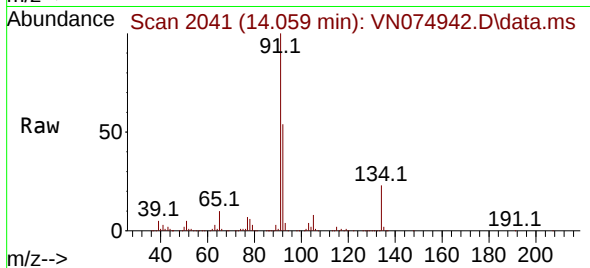
#89
n-Butylbenzene
Concen: 23.081 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 75768
Ion Ratio Lower Upper
91 100
92 53.7 26.3 78.9
134 24.1 12.6 37.6

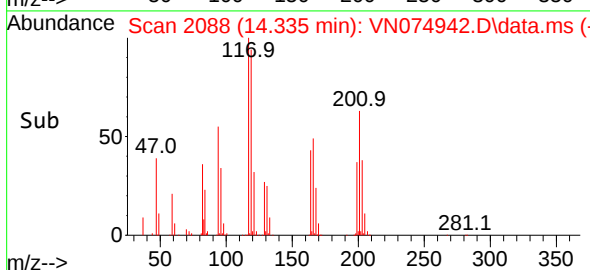
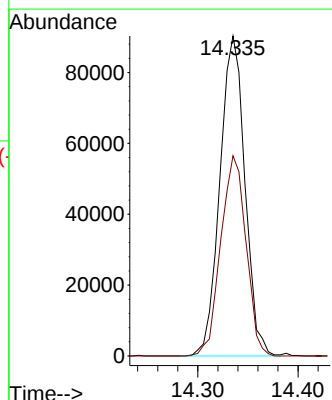
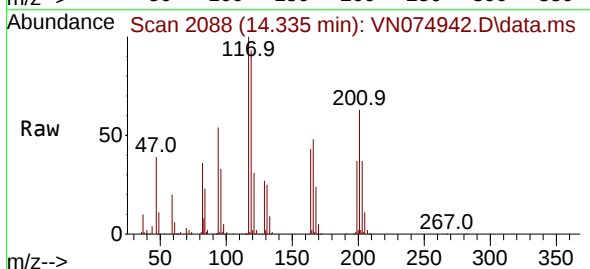
Manual Integrations
APPROVED

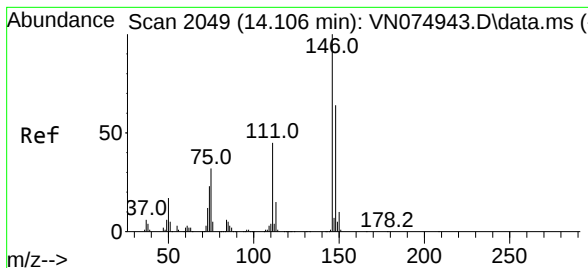
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#90
Hexachloroethane
Concen: 18.783 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

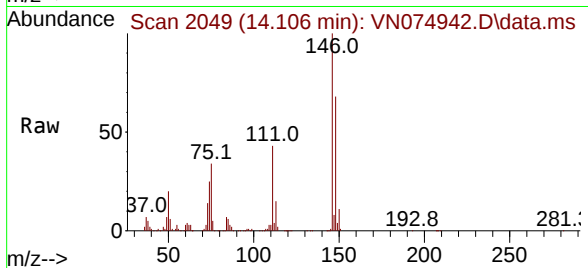
Tgt Ion:117 Resp: 156601
Ion Ratio Lower Upper
117 100
201 63.2 30.6 91.6





#91
1,2-Dichlorobenzene
Concen: 21.130 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

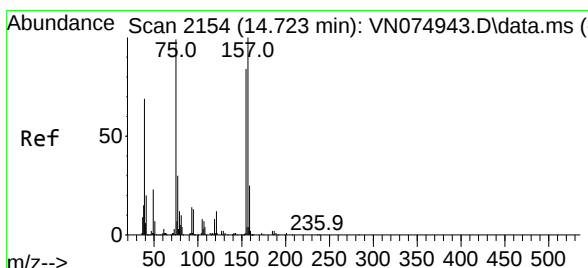
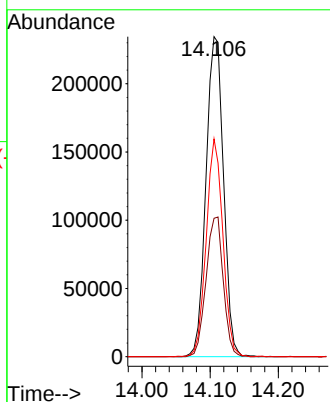
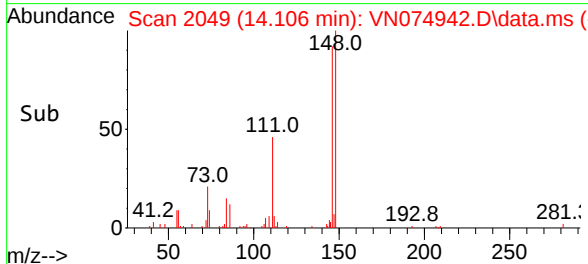
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 41943
Ion Ratio Lower Upper
146 100
111 42.9 22.2 66.6
148 64.6 31.9 95.5

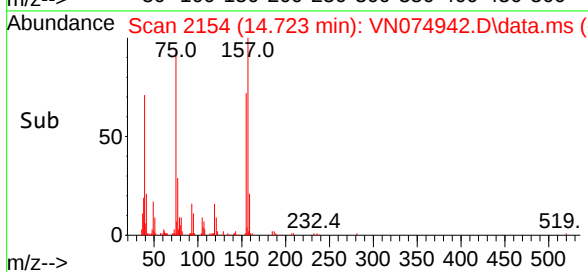
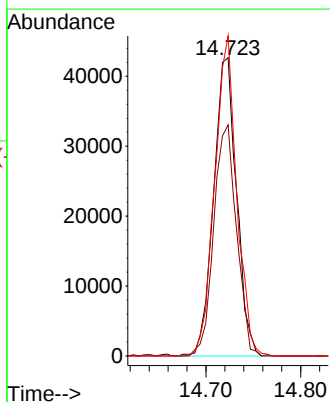
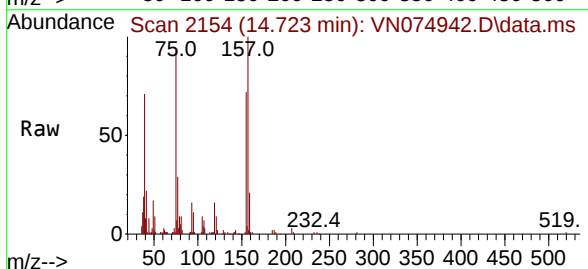
Manual Integrations
APPROVED

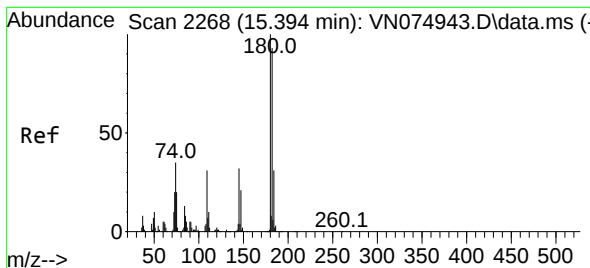
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.564 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Tgt Ion: 75 Resp: 71801
Ion Ratio Lower Upper
75 100
155 77.0 39.6 118.8
157 102.9 47.8 143.4





#93

1,2,4-Trichlorobenzene

Concen: 19.188 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 18811

Ion Ratio Lower Upper

180 100

182 94.8 46.6 139.7

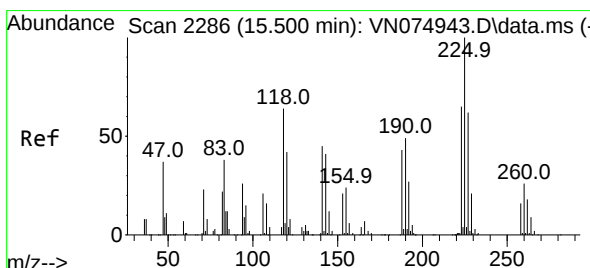
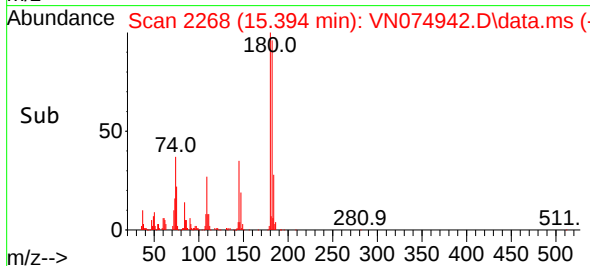
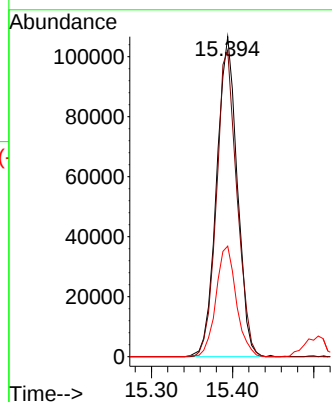
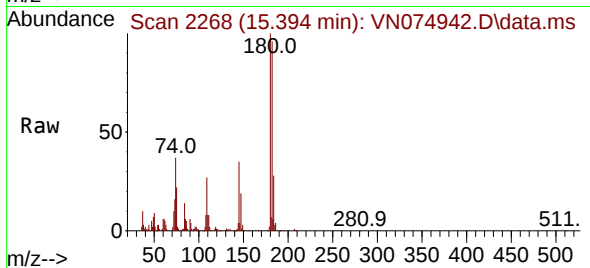
145 34.1 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#94

Hexachlorobutadiene

Concen: 19.151 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN074942.D

Acq: 20 Oct 2022 15:16

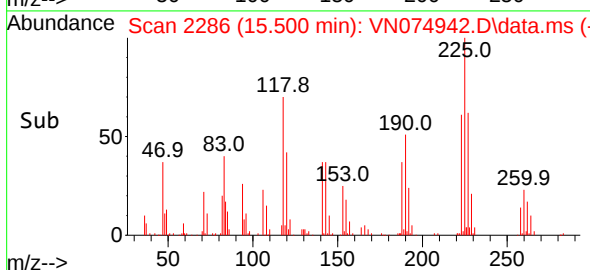
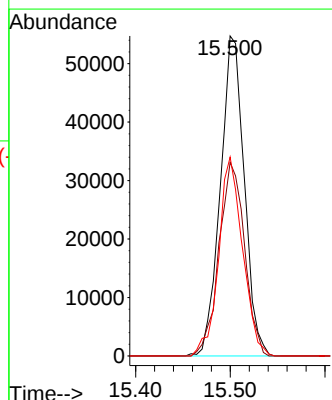
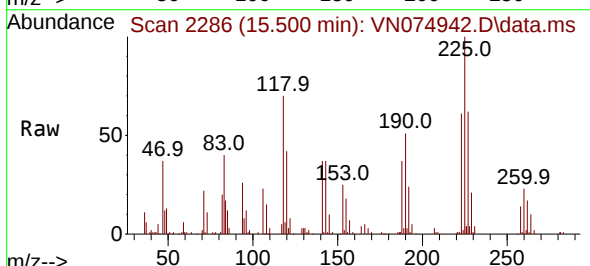
Tgt Ion:225 Resp: 96033

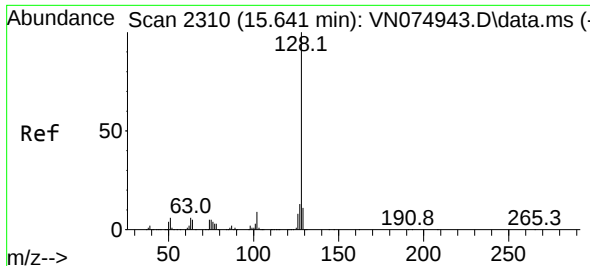
Ion Ratio Lower Upper

225 100

223 64.6 31.9 95.5

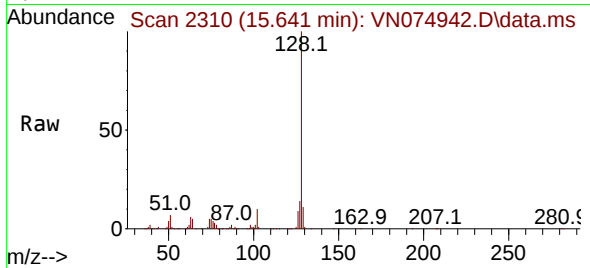
227 62.1 31.4 94.0





#95
Naphthalene
Concen: 19.184 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

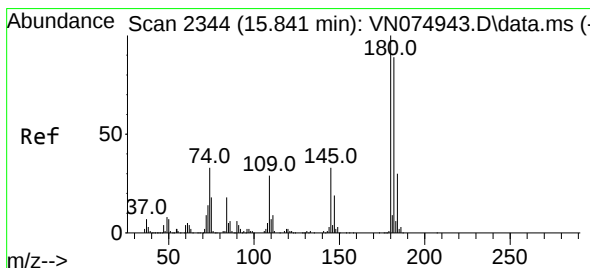
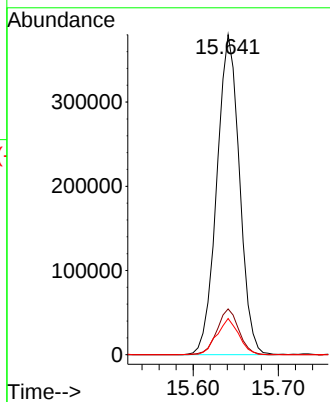
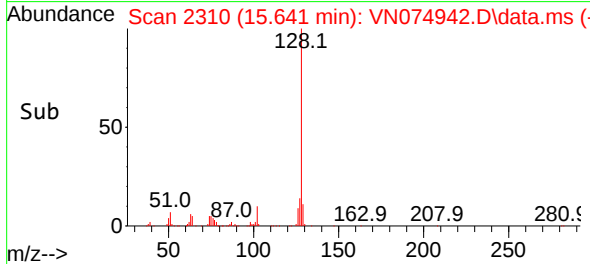
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 702104
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.474 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074942.D
Acq: 20 Oct 2022 15:16

Tgt Ion:180 Resp: 184714
Ion Ratio Lower Upper
180 100
182 94.4 46.7 140.1
145 36.3 17.2 51.5

