

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075763.D
 Acq On : 14 Dec 2022 10:56
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 11:50:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 11:45:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	274304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	448091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	396078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	15869	5.452	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.900%#		
35) Dibromofluoromethane	8.171	113	15484	5.664	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.320%#		
50) Toluene-d8	10.571	98	53495	5.210	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.420%#		
62) 4-Bromofluorobenzene	12.853	95	17679	5.036	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	10768	5.337	ug/l	95
3) Chloromethane	2.371	50	13153	5.472	ug/l	94
4) Vinyl Chloride	2.530	62	15531	5.260	ug/l	99
5) Bromomethane	2.954	94	13776	5.478	ug/l	99
6) Chloroethane	3.124	64	11901	5.402	ug/l	92
7) Trichlorofluoromethane	3.512	101	23865	5.571	ug/l	93
8) Diethyl Ether	3.977	74	8628	5.509	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.395	101	13726	5.460	ug/l	96
10) Methyl Iodide	4.595	142	21237	5.169	ug/l	99
11) Tert butyl alcohol	5.536	59	10688	24.823	ug/l #	80
12) 1,1-Dichloroethene	4.348	96	13050	5.553	ug/l	92
13) Acrolein	4.195	56	13513	27.250	ug/l	99
14) Allyl chloride	5.042	41	13840	4.729	ug/l	96
15) Acrylonitrile	5.736	53	30183	27.139	ug/l	94
16) Acetone	4.442	43	25895	26.272	ug/l	99
17) Carbon Disulfide	4.724	76	30751	4.945	ug/l	99
18) Methyl Acetate	5.042	43	14241	4.496	ug/l	94
19) Methyl tert-butyl Ether	5.812	73	40090	5.072	ug/l #	88
20) Methylene Chloride	5.289	84	15625	5.318	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	13354	5.085	ug/l	98
22) Diisopropyl ether	6.677	45	36380	5.464	ug/l #	93
23) Vinyl Acetate	6.618	43	110445	21.753	ug/l	96
24) 1,1-Dichloroethane	6.571	63	24493	5.588	ug/l #	94
25) 2-Butanone	7.489	43	36376	25.246	ug/l	99
26) 2,2-Dichloropropane	7.494	77	19791	5.295	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	16754	5.255	ug/l	99
28) Bromochloromethane	7.812	49	10109	5.769	ug/l #	93
29) Tetrahydrofuran	7.853	42	21829	24.579	ug/l	98
30) Chloroform	7.971	83	26842	5.529	ug/l	97
31) Cyclohexane	8.259	56	24916	5.782	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	23766	5.306	ug/l	88
36) 1,1-Dichloropropene	8.371	75	18856	5.194	ug/l	95
37) Ethyl Acetate	7.565	43	14735	5.056	ug/l	98
38) Carbon Tetrachloride	8.365	117	20611	4.920	ug/l	90
39) Methylcyclohexane	9.606	83	22512	4.891	ug/l	93
40) Benzene	8.606	78	58542	5.255	ug/l	95

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	7451	4.986	ug/l #	92
42) 1,2-Dichloroethane	8.677	62	18965	5.089	ug/l	98
43) Isopropyl Acetate	8.689	43	23835	4.898	ug/l	98
44) Trichloroethene	9.353	130	17047	5.424	ug/l	98
45) 1,2-Dichloropropane	9.624	63	15119	5.706	ug/l	97
46) Dibromomethane	9.712	93	10311	5.183	ug/l	95
47) Bromodichloromethane	9.888	83	19764	5.067	ug/l #	97
48) Methyl methacrylate	9.683	41	10738	4.792	ug/l	97
49) 1,4-Dioxane	9.694	88	5457	100.173	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	72699	24.230	ug/l	99
52) Toluene	10.630	92	38453	5.222	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	18020	4.678	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	20777	4.848	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	14622	5.050	ug/l	97
56) Ethyl methacrylate	10.877	69	17778	4.532	ug/l	99
57) 1,3-Dichloropropane	11.165	76	24099	5.150	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	27414	23.667	ug/l	99
59) 2-Hexanone	11.200	43	50169	23.015	ug/l	99
60) Dibromochloromethane	11.359	129	16161	5.073	ug/l	98
61) 1,2-Dibromoethane	11.471	107	14204	4.683	ug/l	94
64) Tetrachloroethene	11.106	164	15103	5.235	ug/l	95
65) Chlorobenzene	11.894	112	42201	5.178	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	15436	5.206	ug/l	98
67) Ethyl Benzene	11.965	91	70182	5.091	ug/l	96
68) m/p-Xylenes	12.071	106	55088	9.889	ug/l	99
69) o-Xylene	12.400	106	27209	5.034	ug/l	99
70) Styrene	12.418	104	39835	4.595	ug/l	97
71) Bromoform	12.576	173	10376	4.617	ug/l #	100
73) Isopropylbenzene	12.700	105	67113	5.192	ug/l	98
74) N-amyl acetate	12.494	43	17462	4.649	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	20848	5.369	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	18335m	5.071	ug/l	
77) Bromobenzene	12.982	156	16960	5.217	ug/l	99
78) n-propylbenzene	13.041	91	72724	5.070	ug/l	99
79) 2-Chlorotoluene	13.129	91	46004	5.195	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	57270	5.299	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	4219	4.368	ug/l #	86
82) 4-Chlorotoluene	13.129	91	46004	5.195	ug/l	99
83) tert-Butylbenzene	13.441	119	50108	5.113	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	54023	4.974	ug/l	98
85) sec-Butylbenzene	13.618	105	67131	4.982	ug/l	98
86) p-Isopropyltoluene	13.735	119	53202	4.719	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	30909	5.084	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	30601	4.948	ug/l	94
89) n-Butylbenzene	14.059	91	42042	4.653	ug/l	98
90) Hexachloroethane	14.329	117	10079	5.219	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	31422	5.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3384	5.303	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	12784	4.402	ug/l	94
94) Hexachlorobutadiene	15.506	225	8457	5.132	ug/l	97
95) Naphthalene	15.647	128	33606	3.915	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	13083	4.584	ug/l	97

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

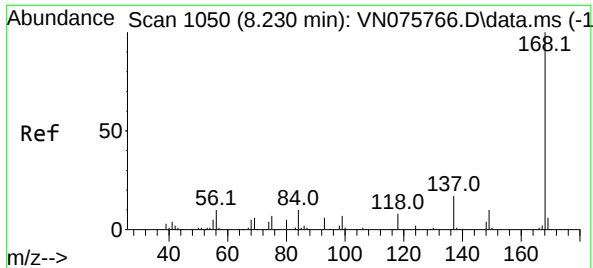
Manual Integrations
APPROVED

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :

MSVOA_N

ClientSampleId :

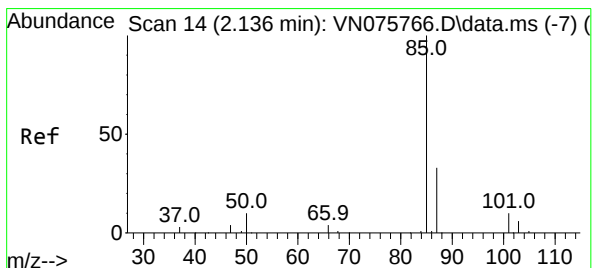
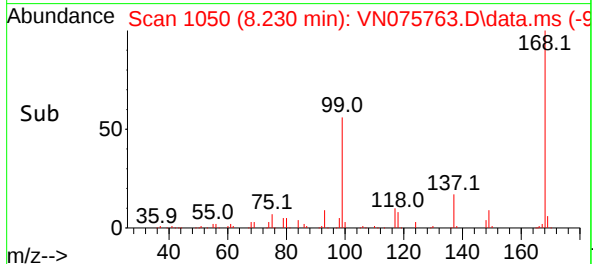
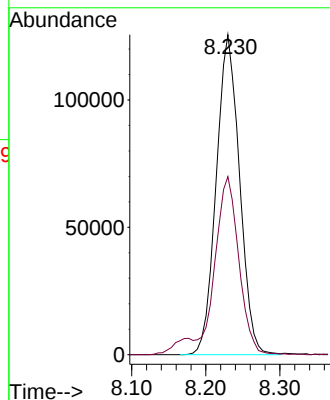
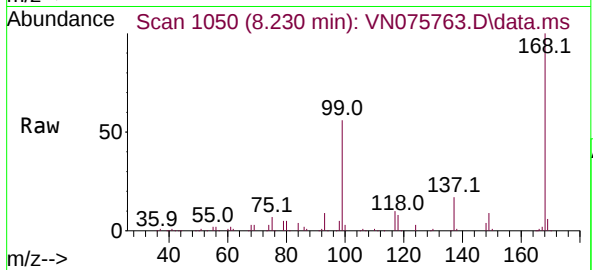
VSTDIC005

Tgt Ion:168 Resp: 274304
Ion Ratio Lower Upper
168 100
99 55.5 41.2 61.8

Manual Integrations

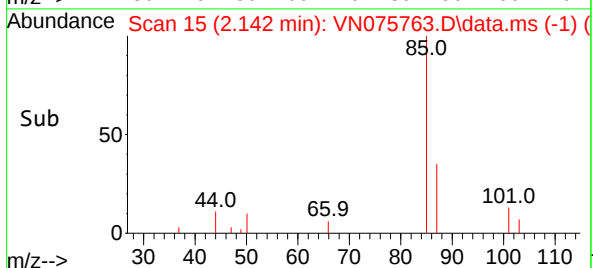
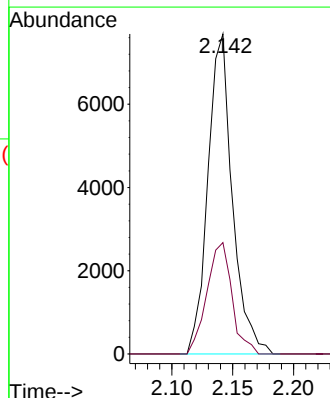
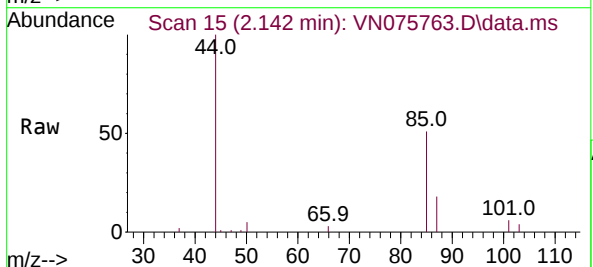
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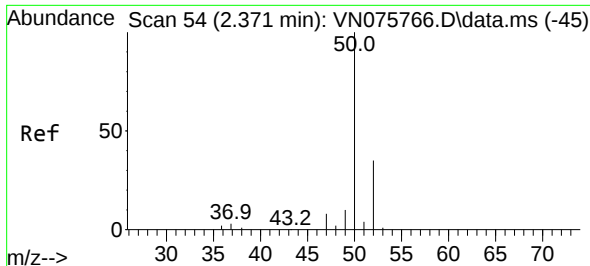
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#2
Dichlorodifluoromethane
Concen: 5.337 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion: 85 Resp: 10768
Ion Ratio Lower Upper
85 100
87 34.8 16.1 48.2





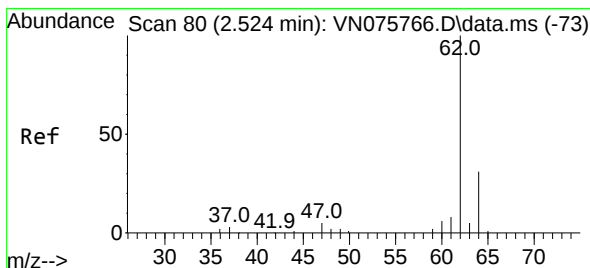
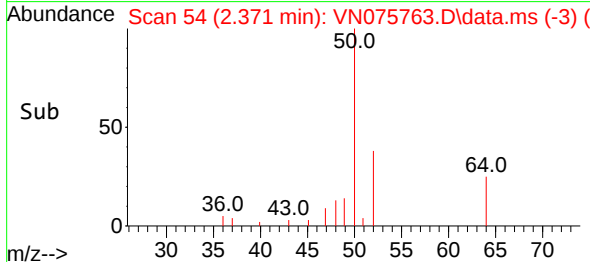
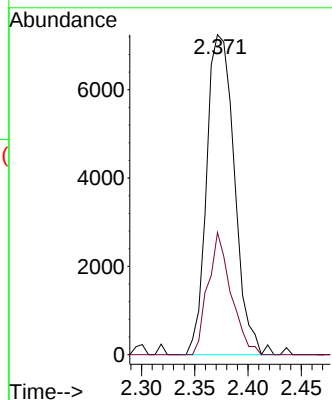
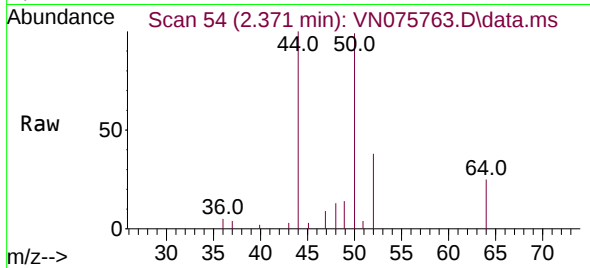
#3
Chloromethane
Concen: 5.472 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 1315
Ion Ratio Lower Upper
50 100
52 38.2 27.9 41.9

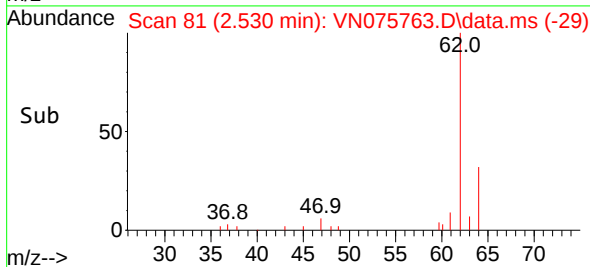
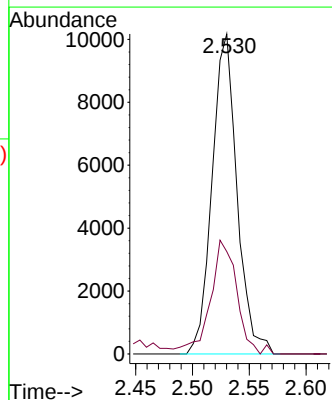
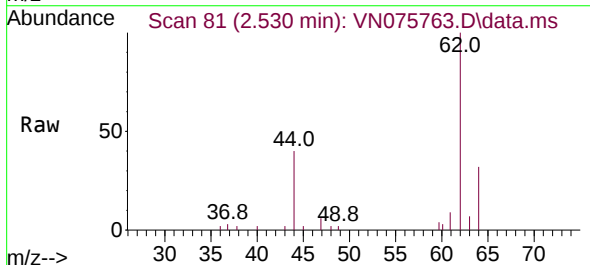
Manual Integrations
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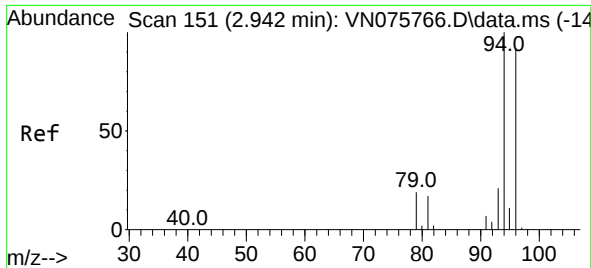
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#4
Vinyl Chloride
Concen: 5.260 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion: 62 Resp: 15531
Ion Ratio Lower Upper
62 100
64 32.0 25.9 38.9





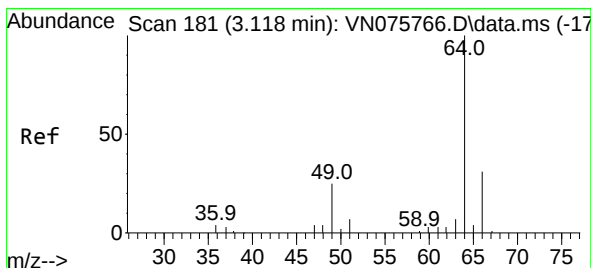
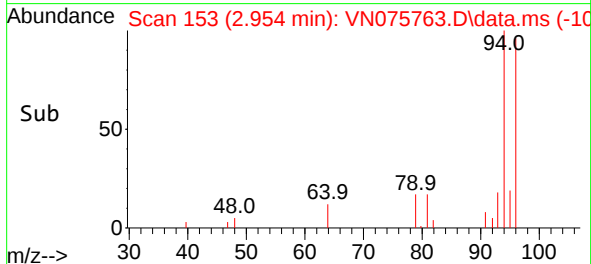
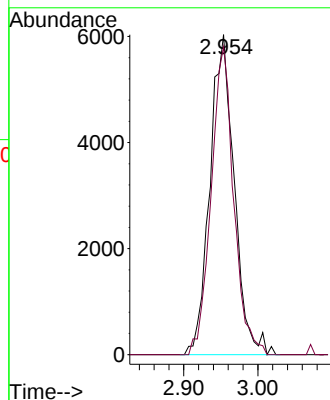
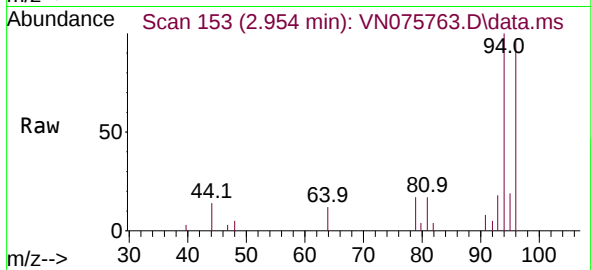
#5
Bromomethane
Concen: 5.478 ug/l
RT: 2.954 min Scan# 153
Delta R.T. 0.012 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 13770
Ion Ratio Lower Upper
94 100
96 96.2 77.6 116.4

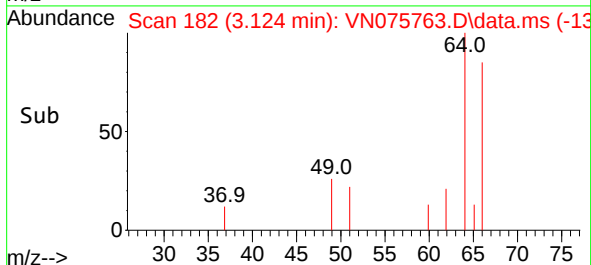
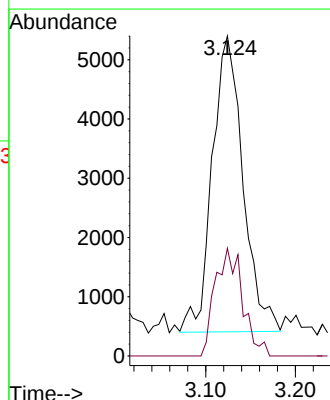
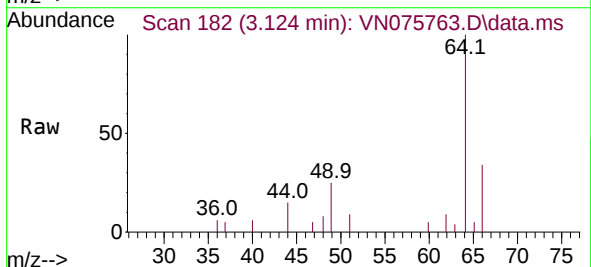
Manual Integrations
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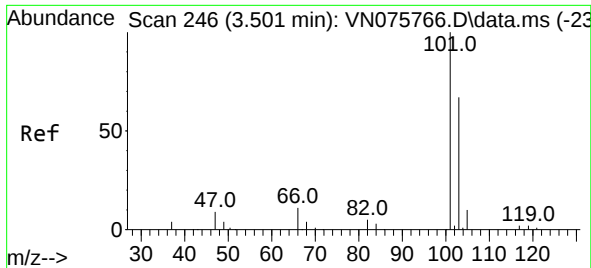
Reviewed By :John Carlone 12/15/2022
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#6
Chloroethane
Concen: 5.402 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

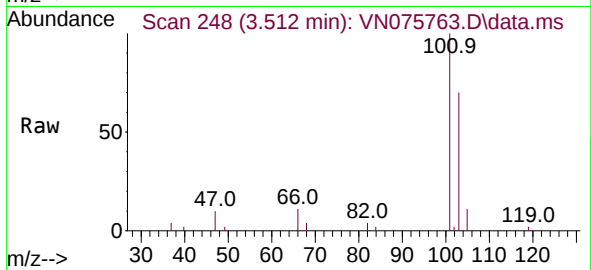
Tgt Ion: 64 Resp: 11901
Ion Ratio Lower Upper
64 100
66 36.5 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 5.571 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075763.D
 Acq: 14 Dec 2022 10:56

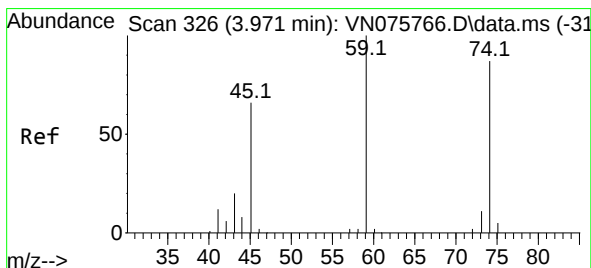
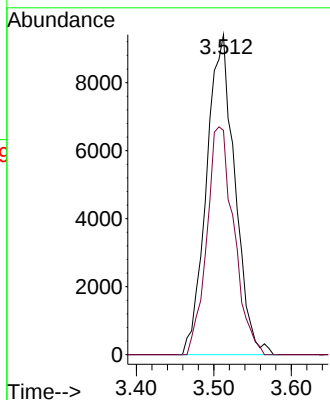
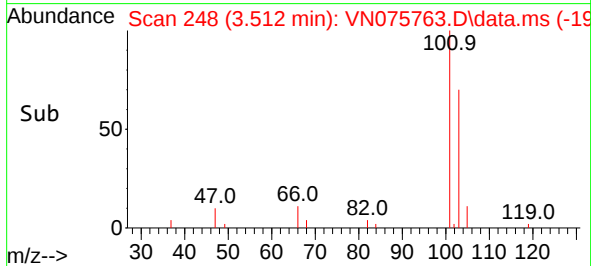
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



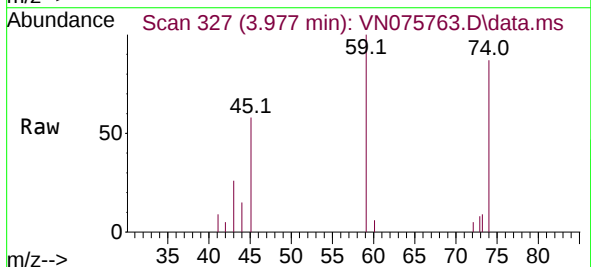
Tgt Ion:101 Resp: 2386
 Ion Ratio Lower Upper
 101 100
 103 70.1 51.4 77.2

Manual Integrations
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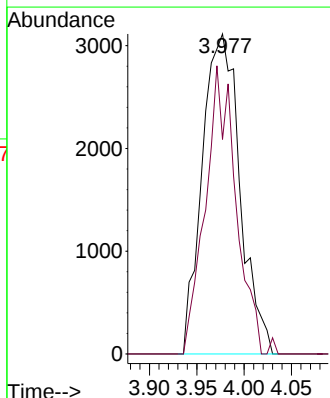
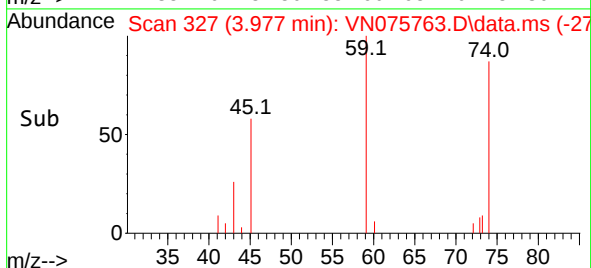
Reviewed By :John Carlone 12/15/2022
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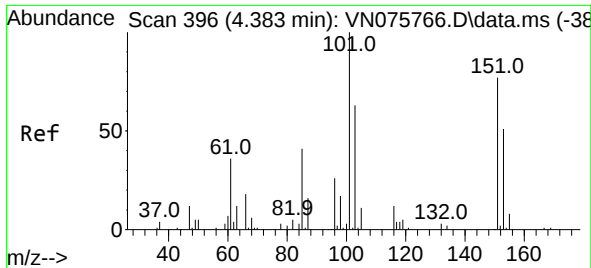


#8
 Diethyl Ether
 Concen: 5.509 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN075763.D
 Acq: 14 Dec 2022 10:56



Tgt Ion: 74 Resp: 8628
 Ion Ratio Lower Upper
 74 100
 45 72.6 36.8 110.4





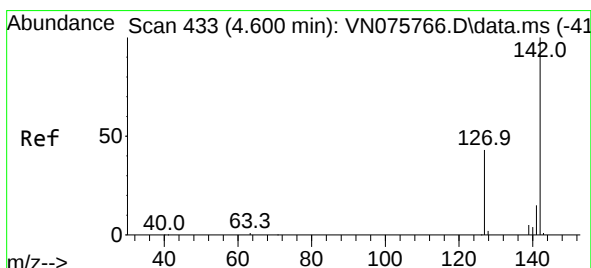
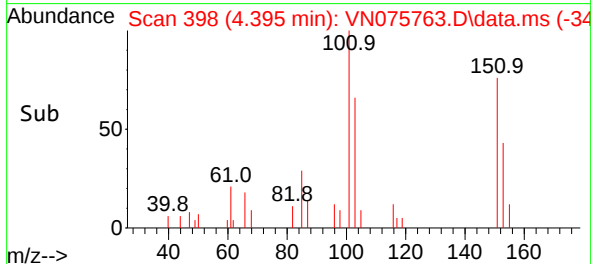
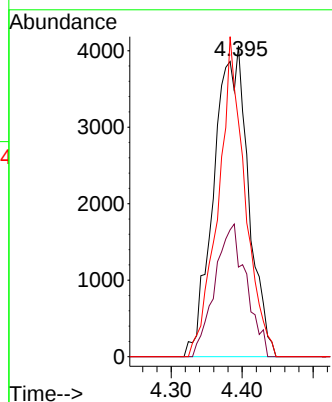
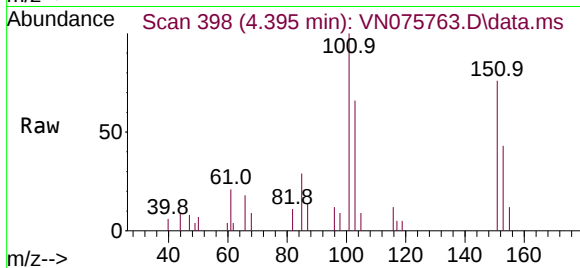
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.460 ug/l
RT: 4.395 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 13720
Ion Ratio Lower Upper
101 100
85 38.8 35.3 52.9
151 79.7 65.6 98.4

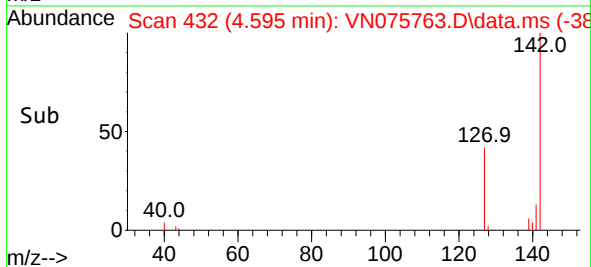
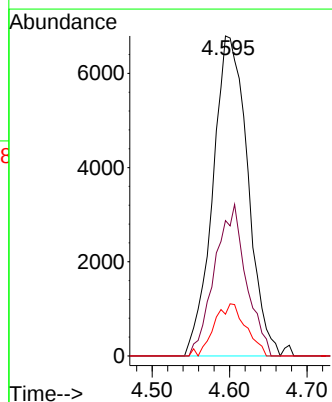
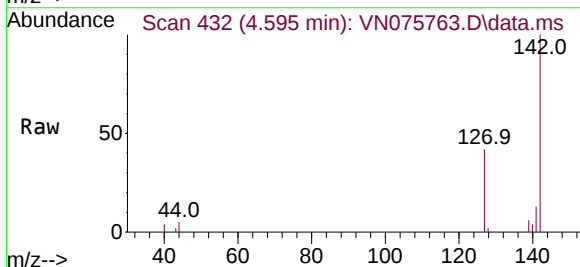
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 5.169 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

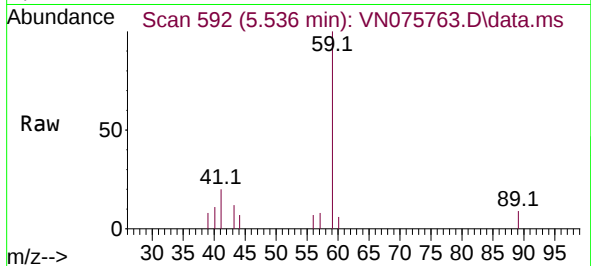
Tgt Ion:142 Resp: 21237
Ion Ratio Lower Upper
142 100
127 42.9 35.0 52.4
141 14.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 24.823 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

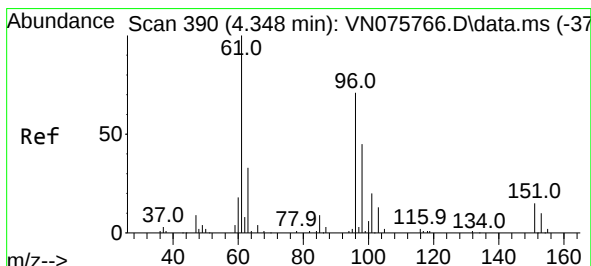
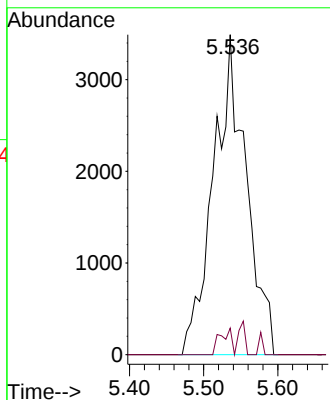
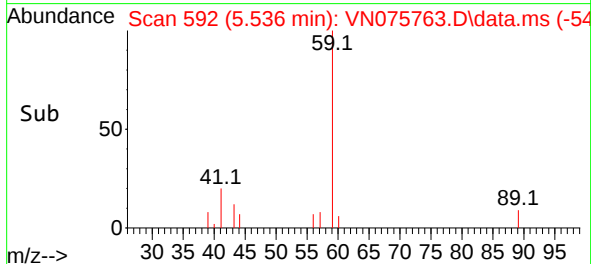
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 10688
Ion Ratio Lower Upper
59 100
57 2.9 8.2 12.4

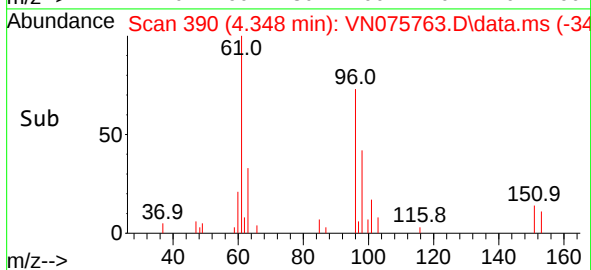
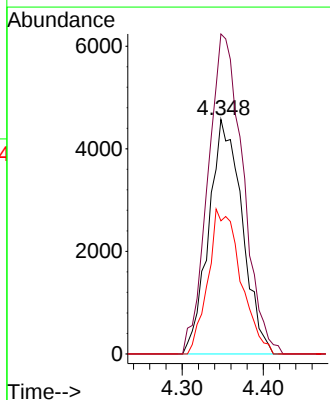
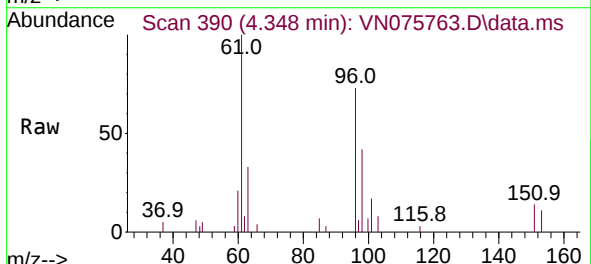
Manual Integrations
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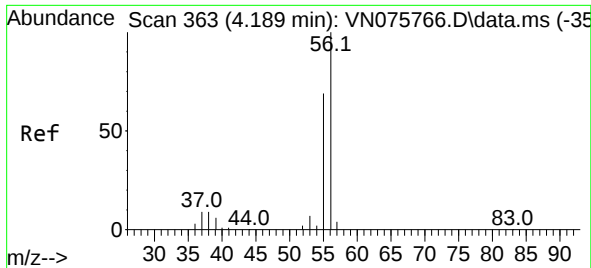
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 5.553 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion: 96 Resp: 13050
Ion Ratio Lower Upper
96 100
61 136.4 116.8 175.2
98 56.8 51.6 77.4





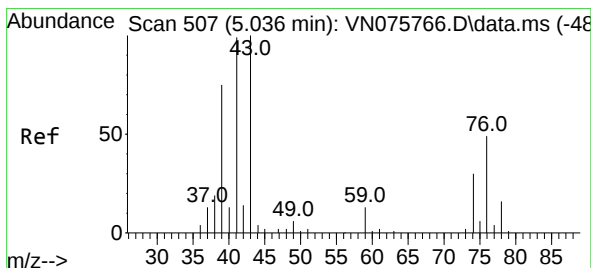
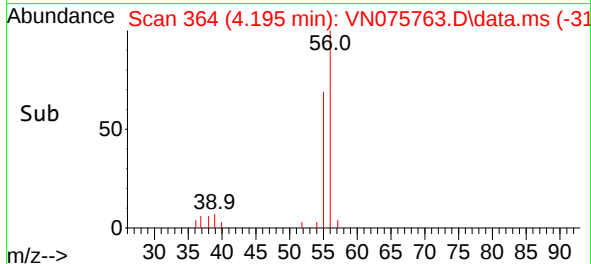
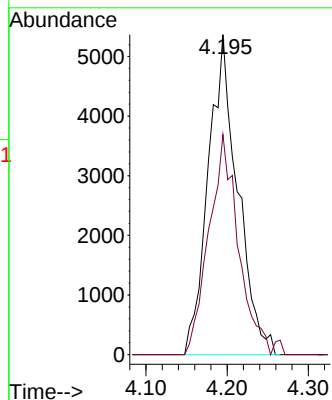
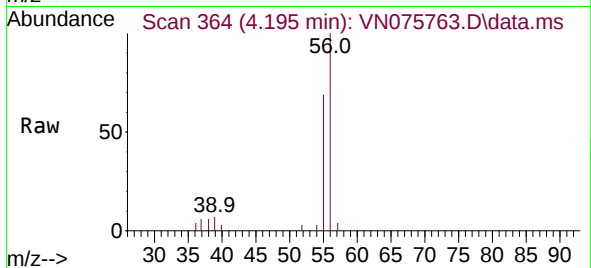
#13
Acrolein
Concen: 27.250 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 1351
Ion Ratio Lower Upper
56 100
55 68.7 55.7 83.5

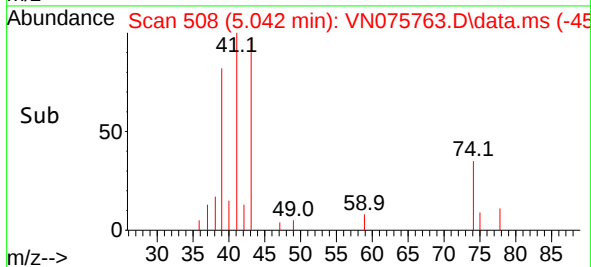
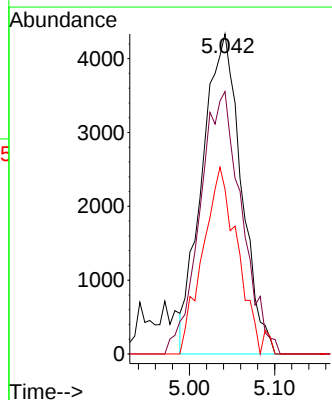
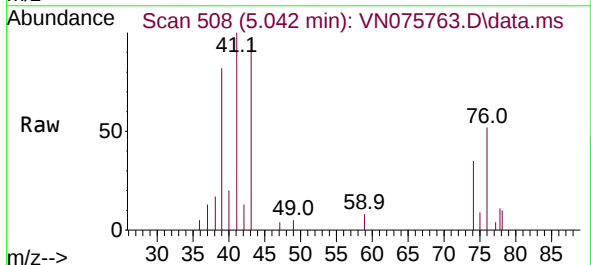
Manual Integrations
APPROVED

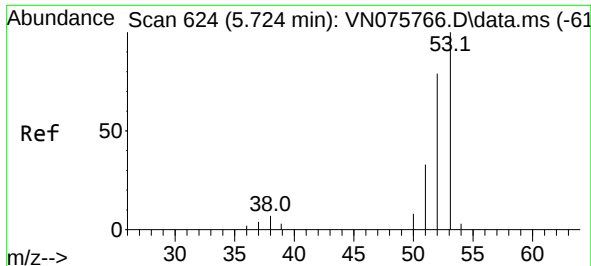
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#14
Allyl chloride
Concen: 4.729 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion: 41 Resp: 13840
Ion Ratio Lower Upper
41 100
39 87.1 64.6 96.8
76 51.2 40.9 61.3





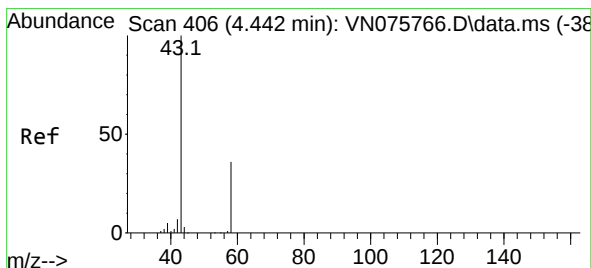
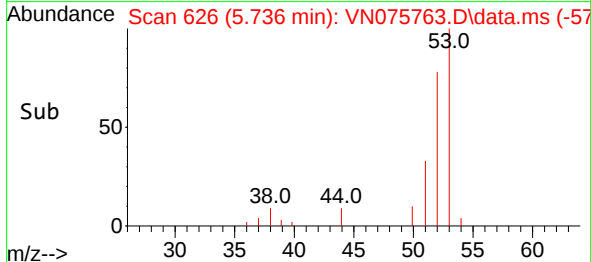
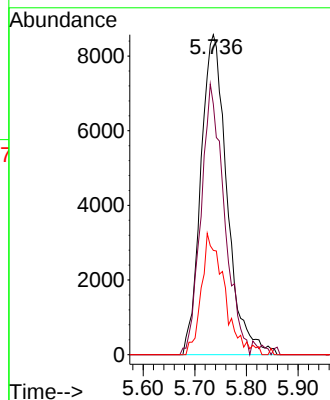
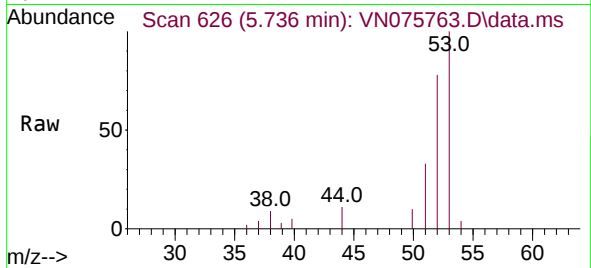
#15
Acrylonitrile
Concen: 27.139 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 3018
Ion Ratio Lower Upper
53 100
52 75.2 65.0 97.4
51 33.6 28.9 43.3

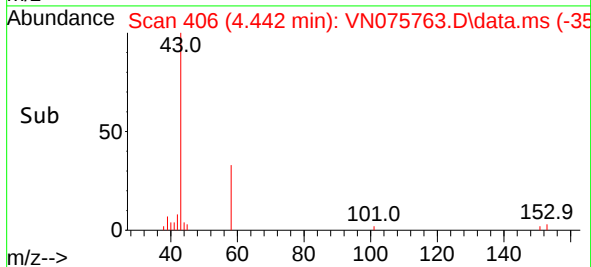
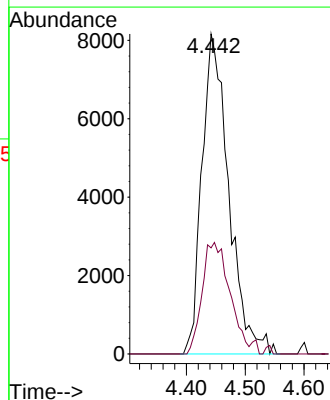
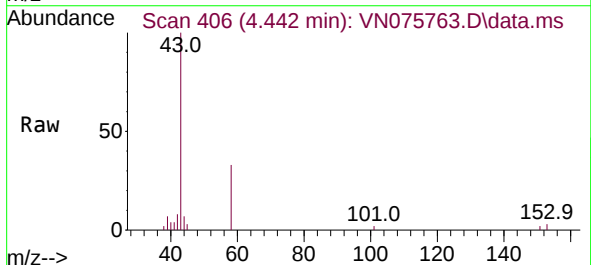
Manual Integrations
APPROVED

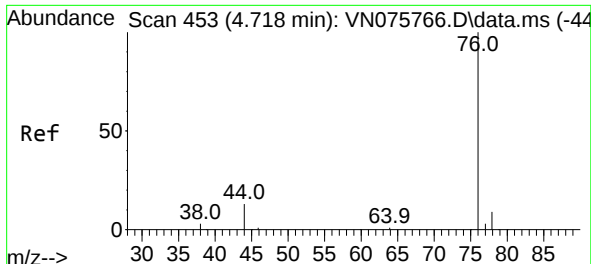
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 26.272 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion: 43 Resp: 25895
Ion Ratio Lower Upper
43 100
58 33.1 27.0 40.4





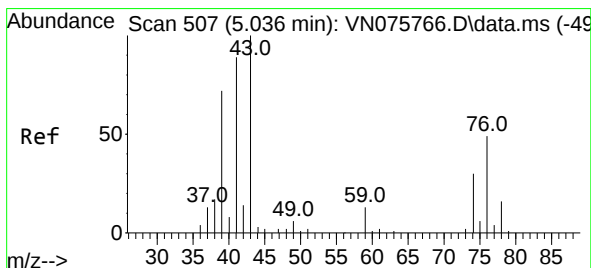
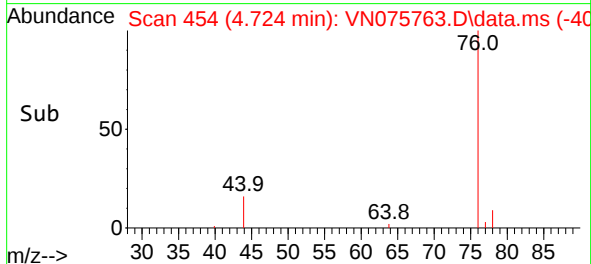
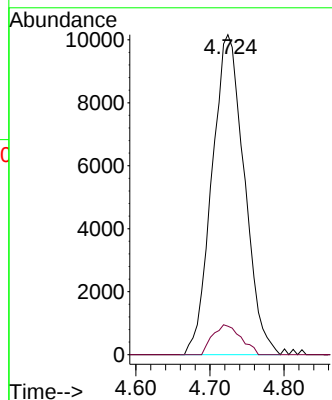
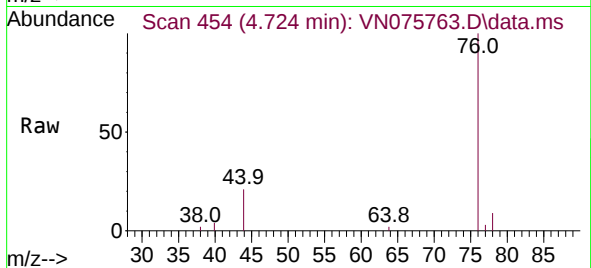
#17
Carbon Disulfide
Concen: 4.945 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 3075
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

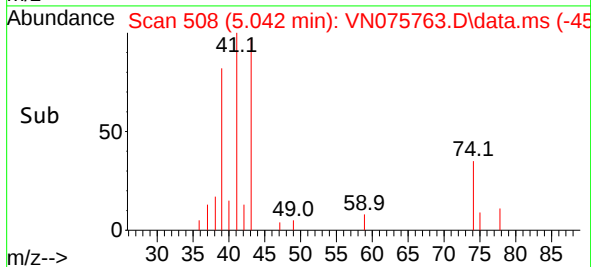
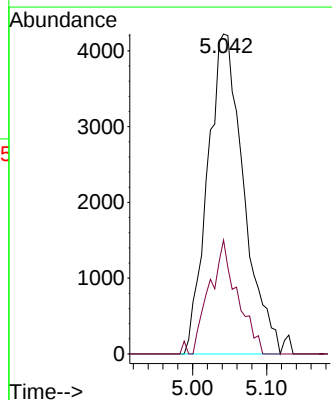
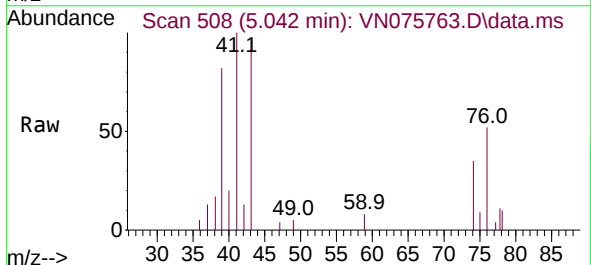
Manual Integrations
APPROVED

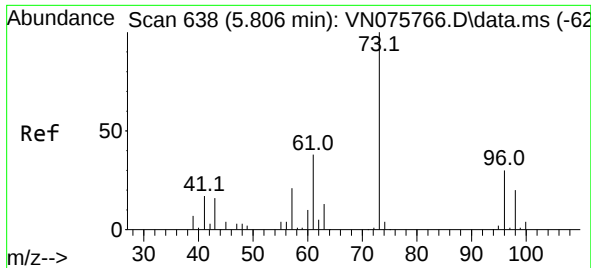
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#18
Methyl Acetate
Concen: 4.496 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion: 43 Resp: 14241
Ion Ratio Lower Upper
43 100
74 27.5 24.5 36.7





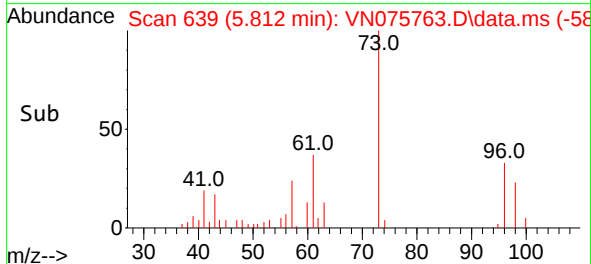
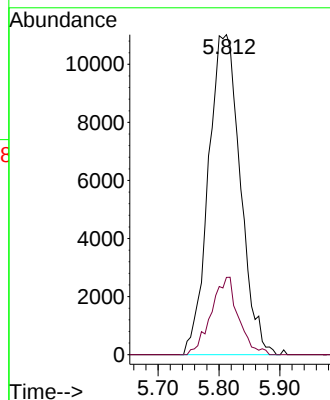
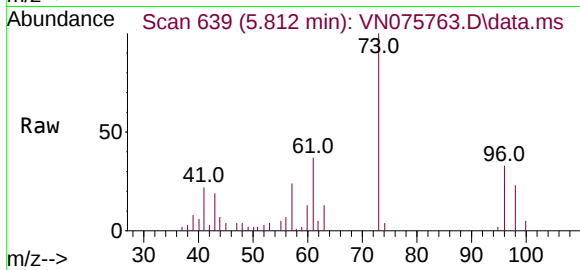
#19
Methyl tert-butyl Ether
Concen: 5.072 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 40090
Ion Ratio Lower Upper
73 100
57 24.2 15.1 22.7

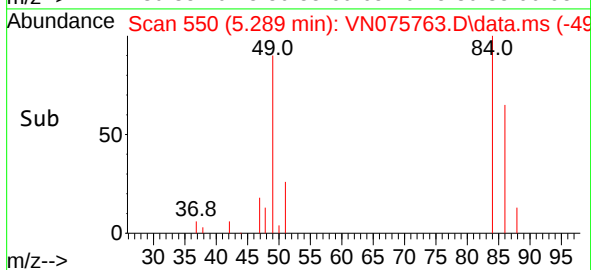
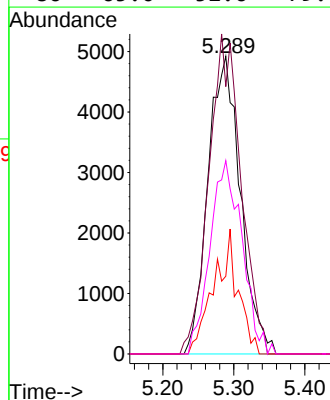
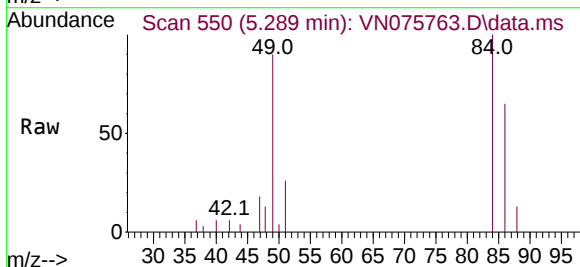
Manual Integrations
APPROVED

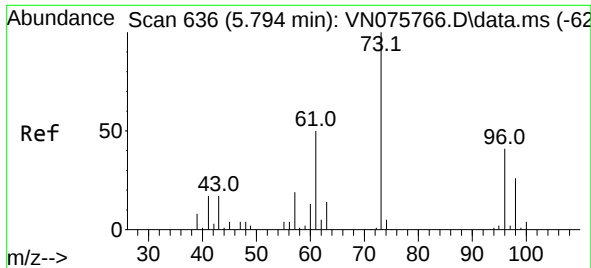
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 5.318 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion: 84 Resp: 15625
Ion Ratio Lower Upper
84 100
49 89.8 83.0 124.4
51 26.1 26.0 39.0
86 65.0 52.6 79.0





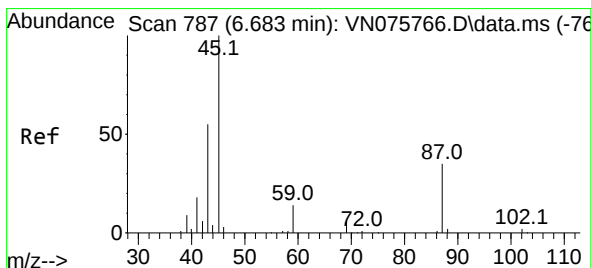
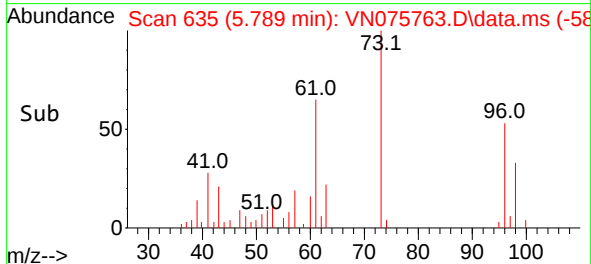
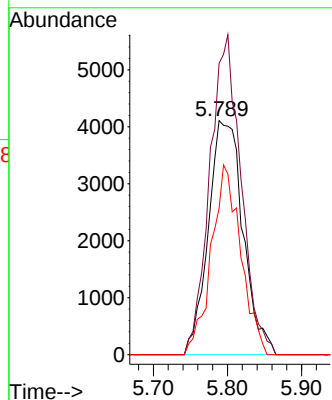
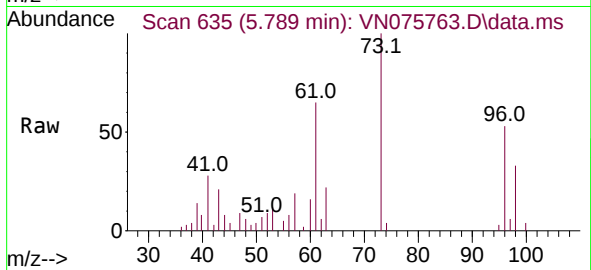
#21
trans-1,2-Dichloroethene
Concen: 5.085 ug/l
RT: 5.789 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 13354
Ion Ratio Lower Upper
96 100
61 124.5 100.5 150.7
98 62.5 52.7 79.1

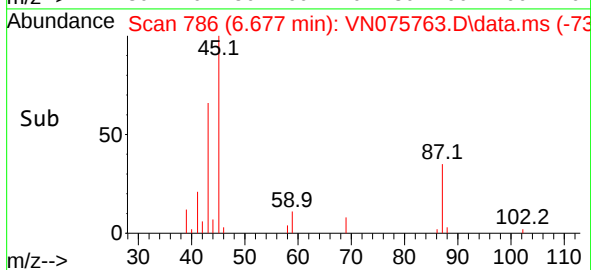
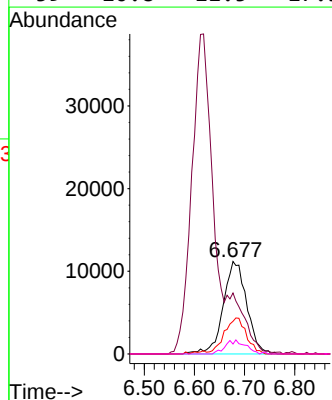
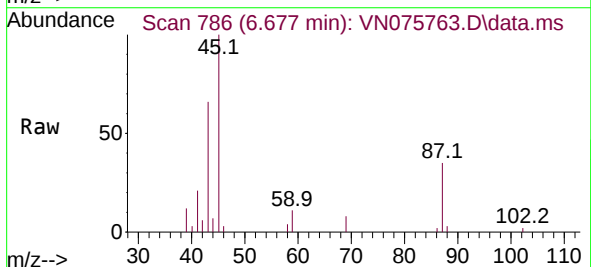
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#22
Diisopropyl ether
Concen: 5.464 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion: 45 Resp: 36380
Ion Ratio Lower Upper
45 100
43 64.0 44.9 67.3
87 35.3 28.8 43.2
59 10.8 11.5 17.3#





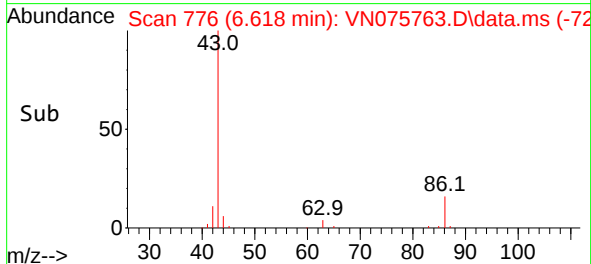
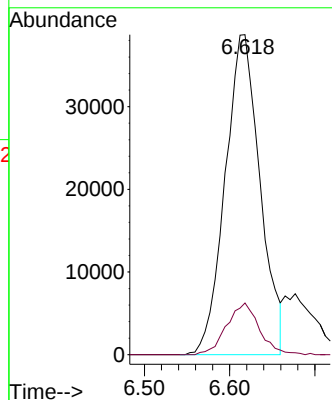
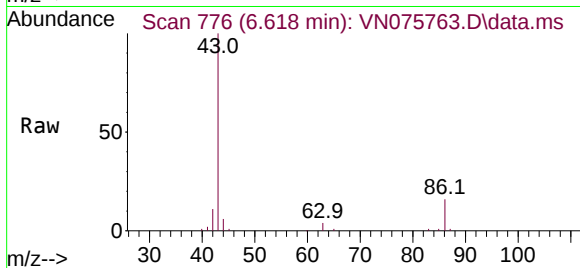
#23
 Vinyl Acetate
 Concen: 21.753 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075763.D
 Acq: 14 Dec 2022 10:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 11044
 Ion Ratio Lower Upper
 43 100
 86 16.2 11.5 17.3

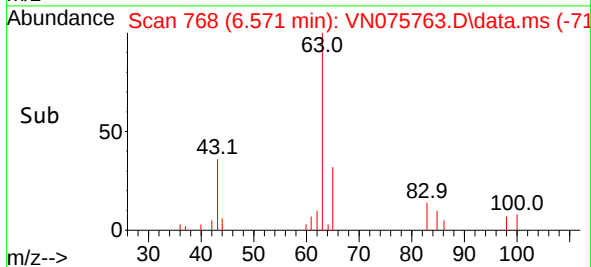
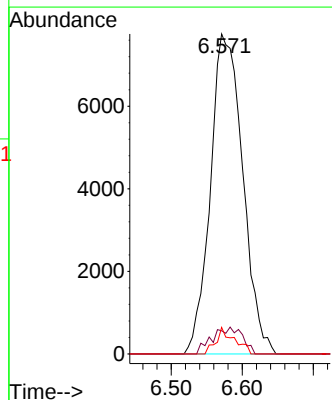
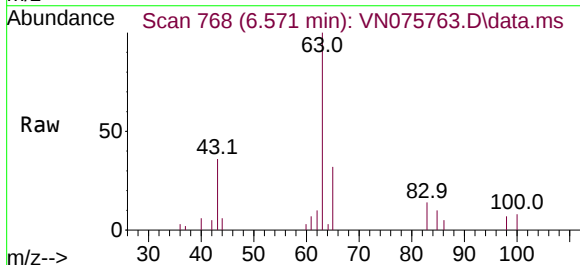
Manual Integrations
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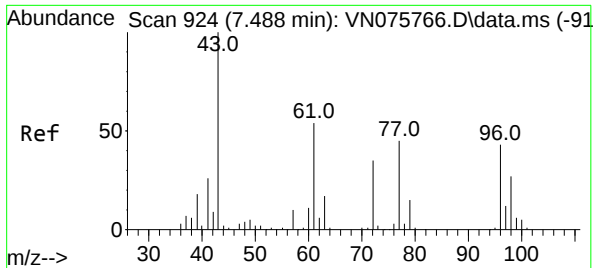
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#24
 1,1-Dichloroethane
 Concen: 5.588 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075763.D
 Acq: 14 Dec 2022 10:56

Tgt Ion: 63 Resp: 24493
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.3 12.9
 100 8.3 2.6 7.8#





#25

2-Butanone

Concen: 25.246 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 36370

Ion Ratio Lower Upper

43 100

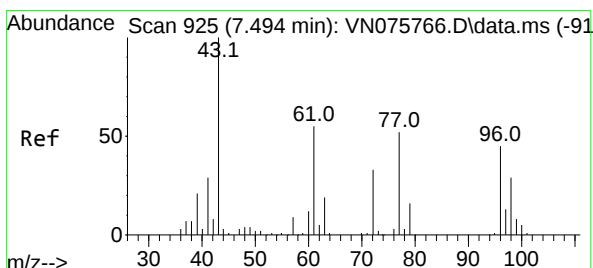
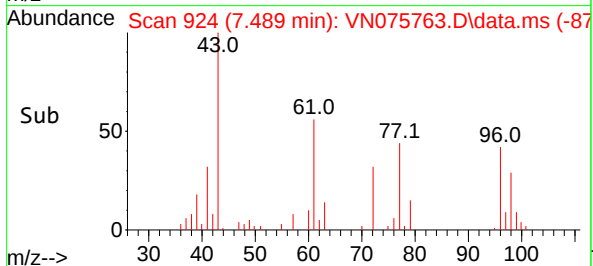
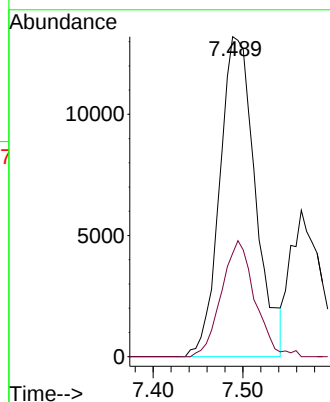
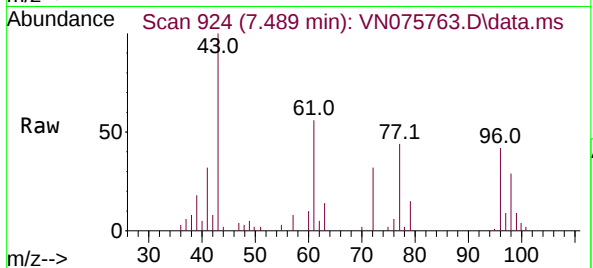
72 32.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#26

2,2-Dichloropropane

Concen: 5.295 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075763.D

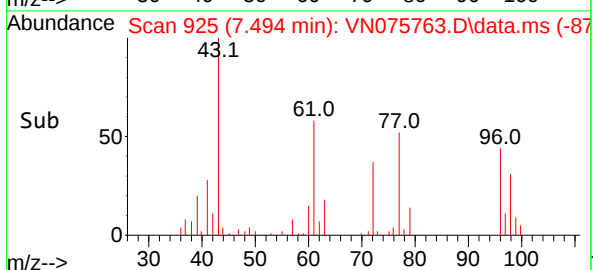
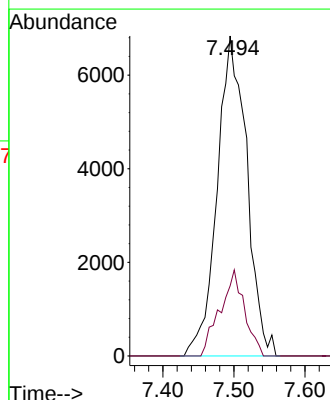
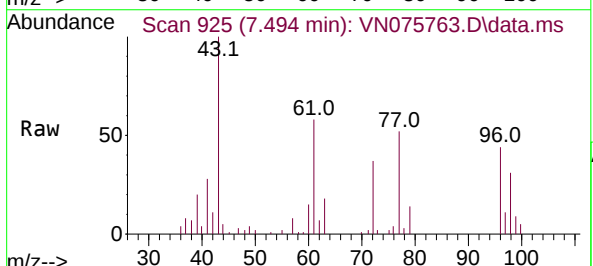
Acq: 14 Dec 2022 10:56

Tgt Ion: 77 Resp: 19791

Ion Ratio Lower Upper

77 100

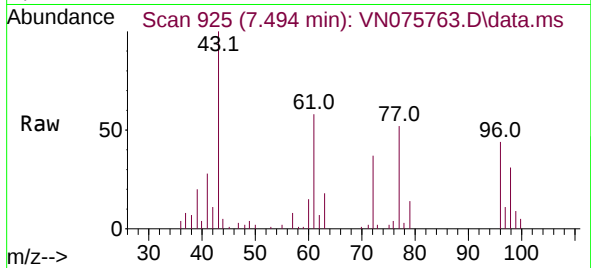
97 22.2 12.2 36.4





#27
 cis-1,2-Dichloroethene
 Concen: 5.255 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075763.D
 Acq: 14 Dec 2022 10:56

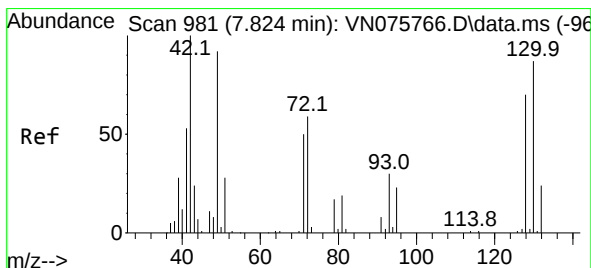
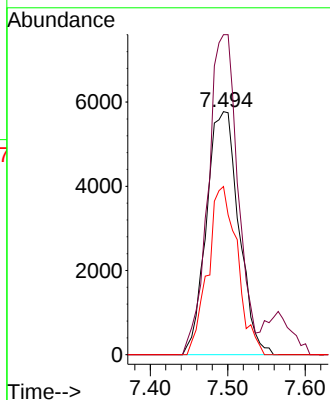
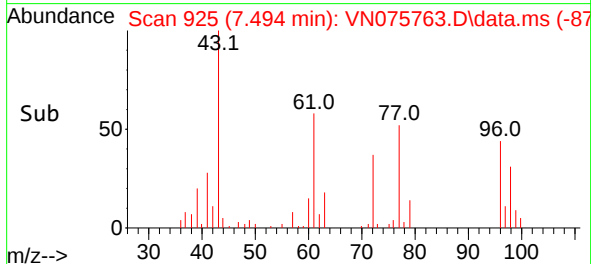
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 16754
 Ion Ratio Lower Upper
 96 100
 61 121.7 0.0 247.8
 98 62.9 0.0 126.0

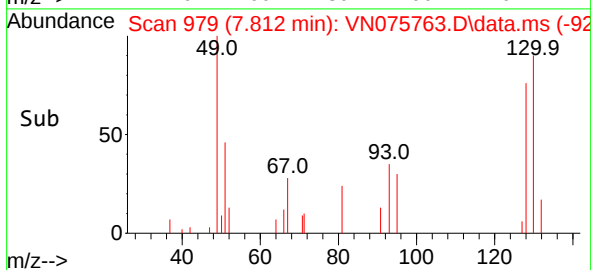
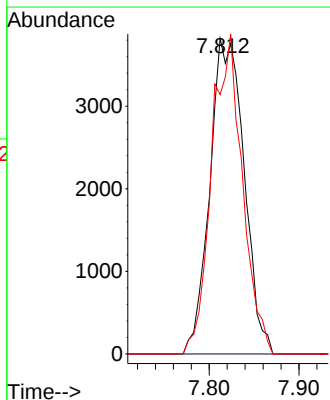
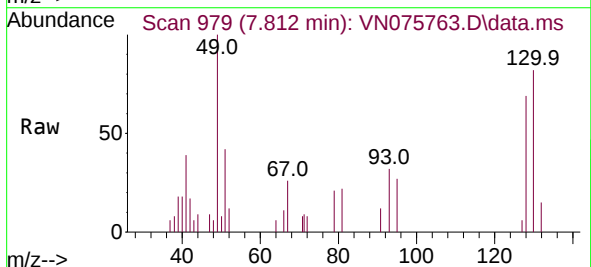
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#28
 Bromochloromethane
 Concen: 5.769 ug/l
 RT: 7.812 min Scan# 979
 Delta R.T. -0.006 min
 Lab File: VN075763.D
 Acq: 14 Dec 2022 10:56

Tgt Ion: 49 Resp: 10109
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.4
 130 91.6 78.5 117.7





#29

Tetrahydrofuran

Concen: 24.579 ug/l

RT: 7.853 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

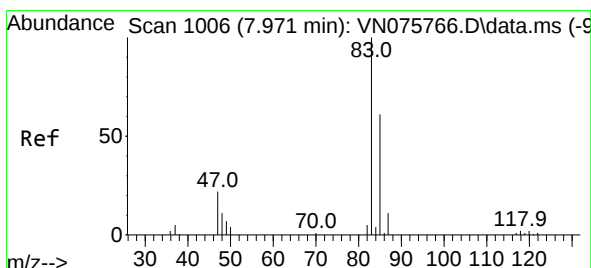
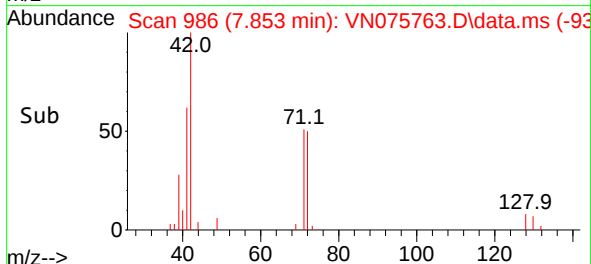
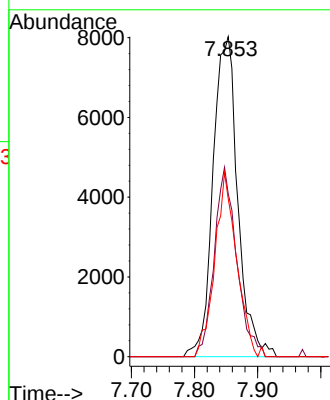
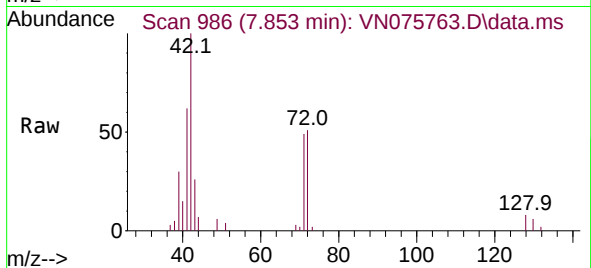
Tgt Ion:	42	Resp:	21829
Ion Ratio	Lower	Upper	
42	100		
72	53.7	44.6	67.0
71	50.5	41.2	61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 5.529 ug/l

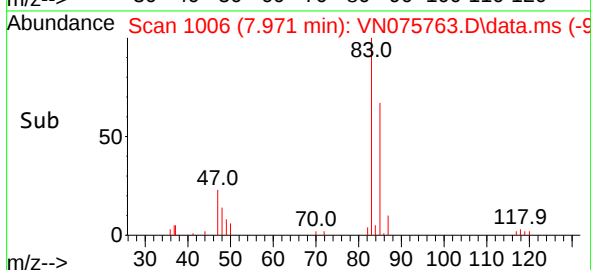
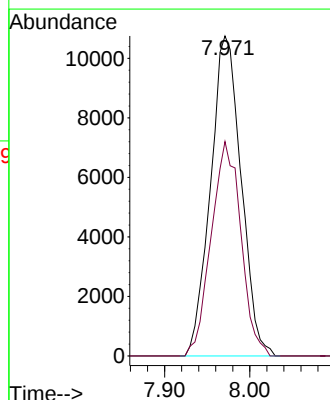
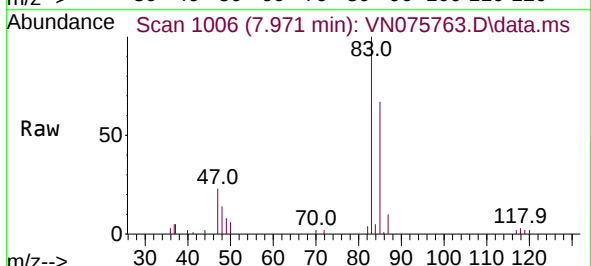
RT: 7.971 min Scan# 1006

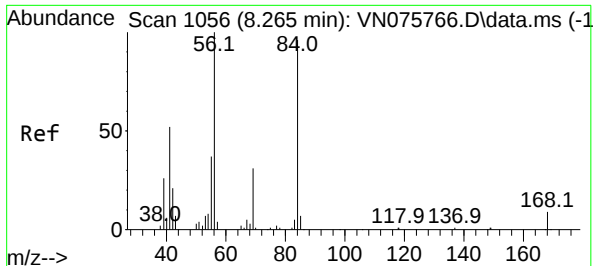
Delta R.T. 0.000 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

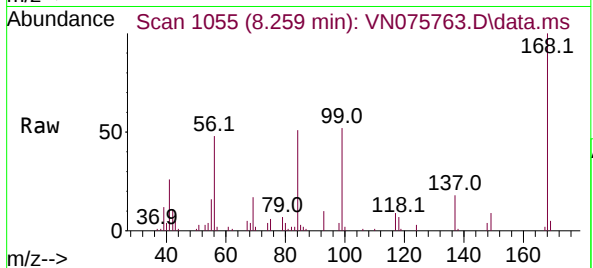
Tgt Ion:	83	Resp:	26842
Ion Ratio	Lower	Upper	
83	100		
85	67.0	51.8	77.6





#31
Cyclohexane
Concen: 5.782 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

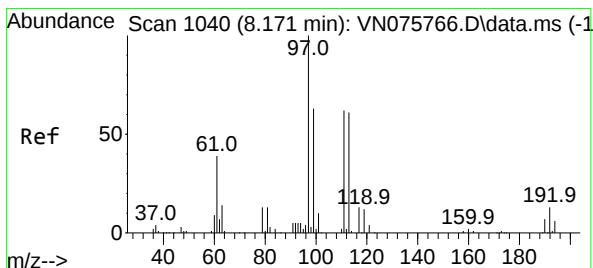
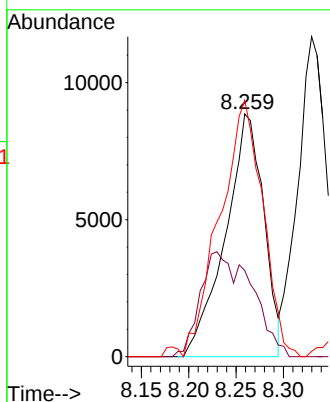
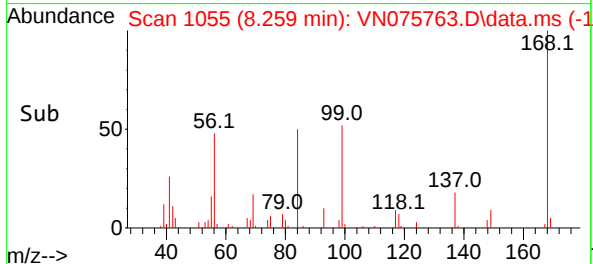
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



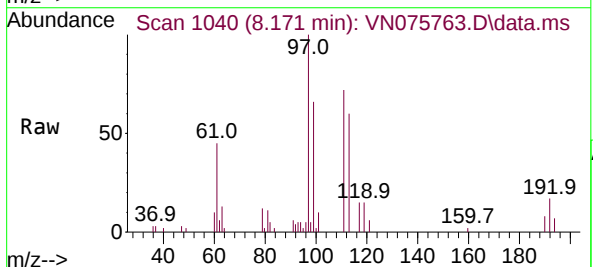
Tgt Ion: 56 Resp: 24910
Ion Ratio Lower Upper
56 100
69 33.4 26.2 39.2
84 102.5 82.8 124.2

Manual Integrations
APPROVED

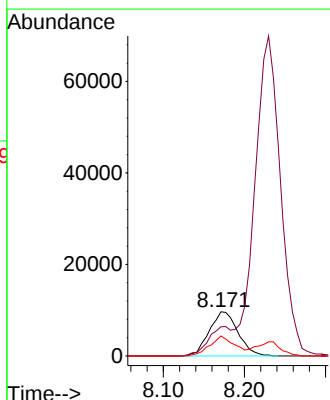
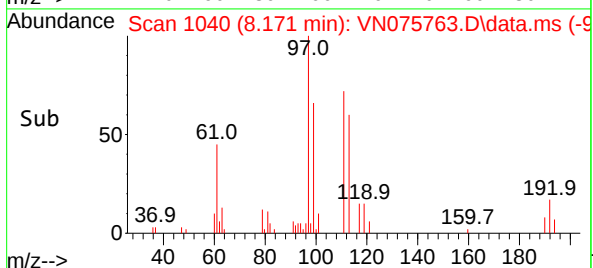
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

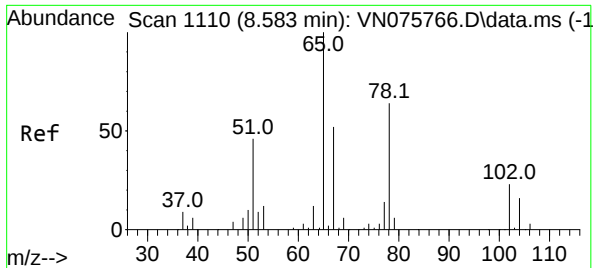


#32
1,1,1-Trichloroethane
Concen: 5.306 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56



Tgt Ion: 97 Resp: 23766
Ion Ratio Lower Upper
97 100
99 51.7 51.2 76.8
61 38.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 5.452 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1586

Ion Ratio Lower Upper

65 100

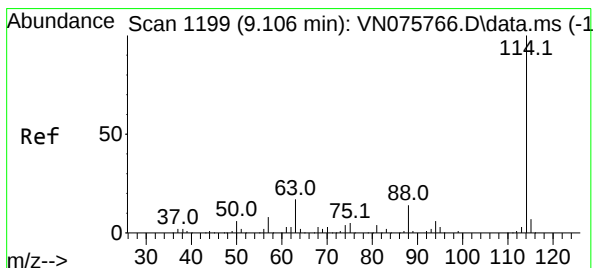
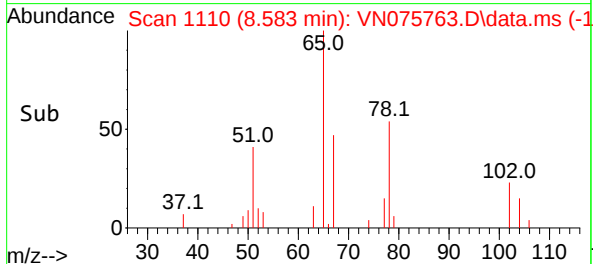
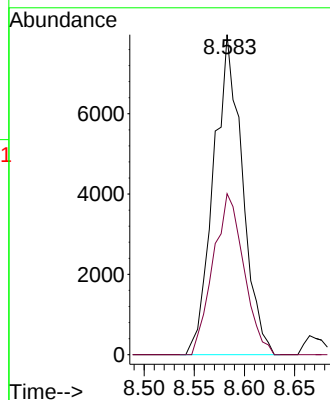
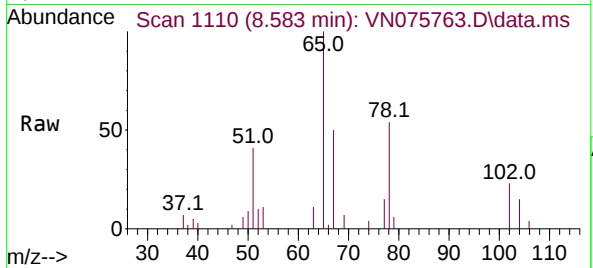
67 53.8 0.0 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

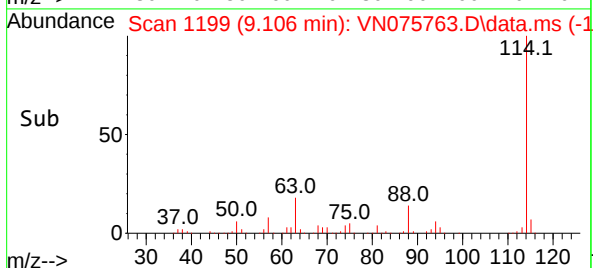
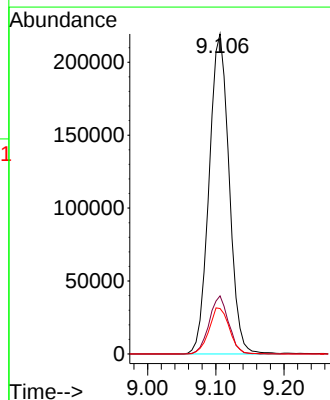
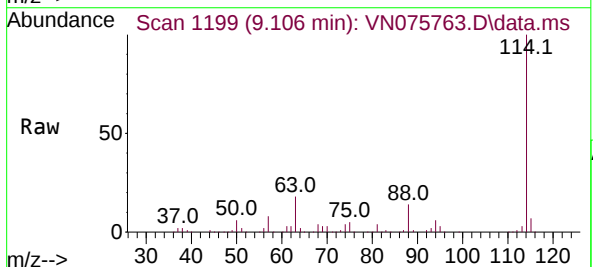
Tgt Ion:114 Resp: 448091

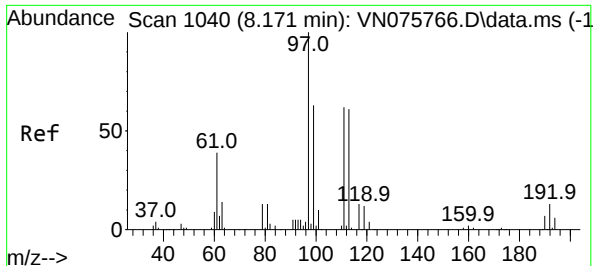
Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

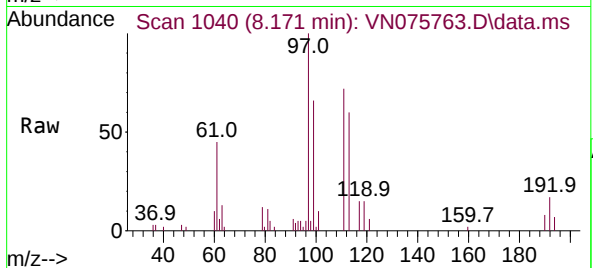
88 14.2 0.0 29.2





#35
Dibromofluoromethane
Concen: 5.664 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

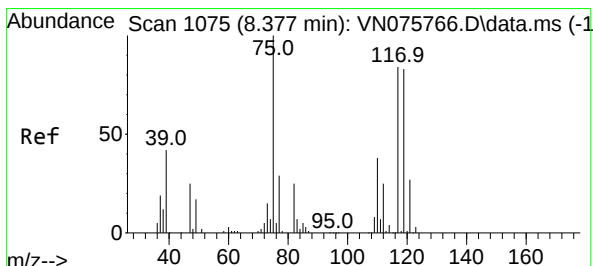
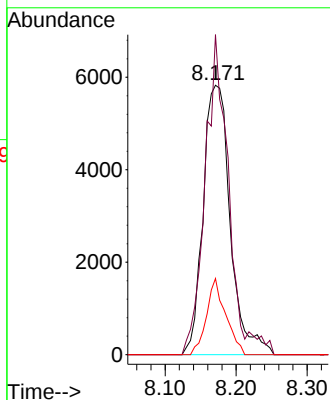
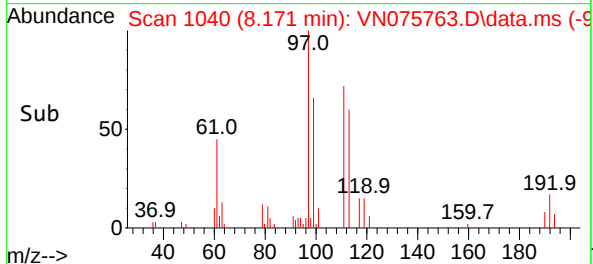
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



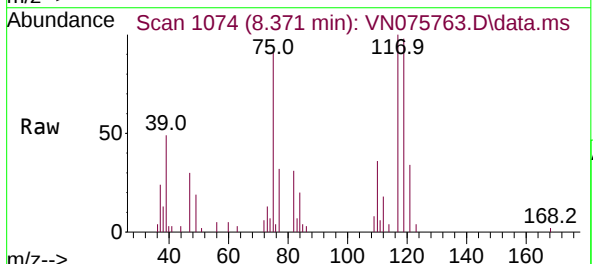
Tgt Ion: 113 Resp: 15484
Ion Ratio Lower Upper
113 100
111 102.9 81.0 121.6
192 19.9 16.2 24.2

Manual Integrations
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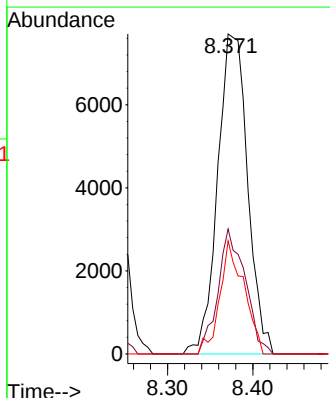
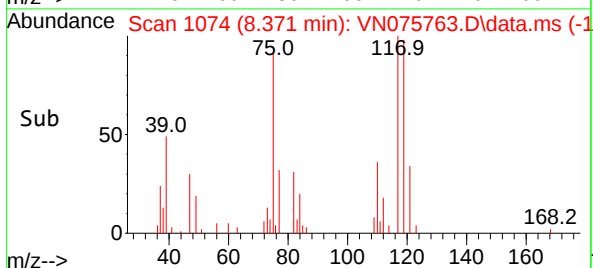
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

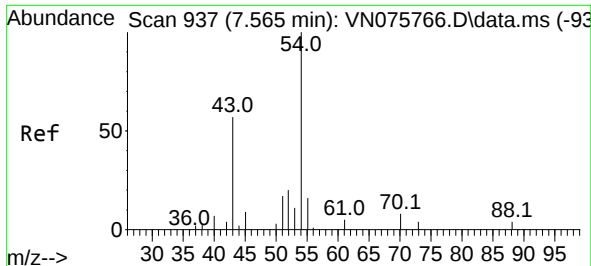


#36
1,1-Dichloropropene
Concen: 5.194 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56



Tgt Ion: 75 Resp: 18856
Ion Ratio Lower Upper
75 100
110 35.3 18.9 56.9
77 28.5 25.4 38.2





#37

Ethyl Acetate

Concen: 5.056 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 1473

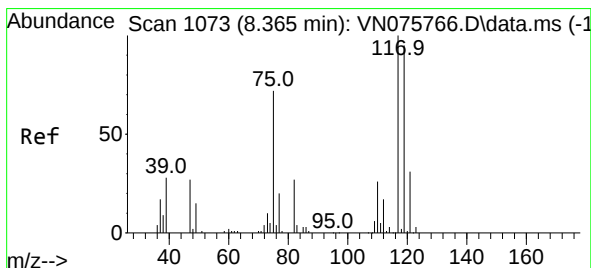
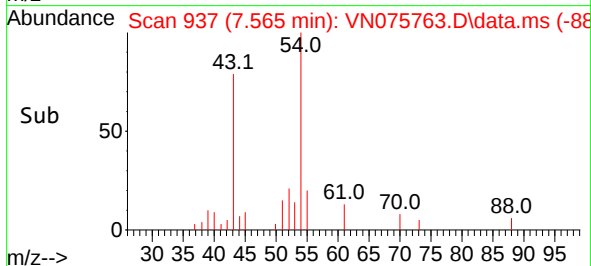
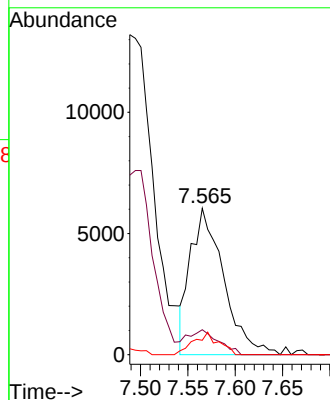
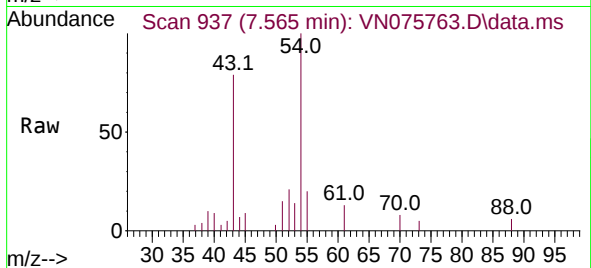
Ion	Ratio	Lower	Upper
43	100		
61	15.5	13.3	19.9
70	11.5	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#38

Carbon Tetrachloride

Concen: 4.920 ug/l

RT: 8.365 min Scan# 1073

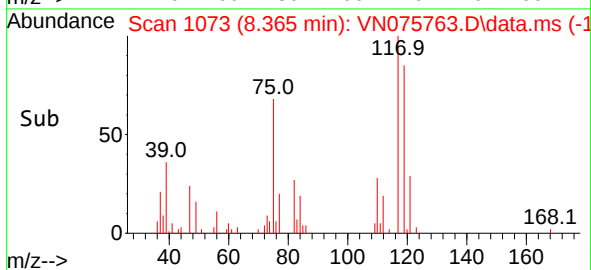
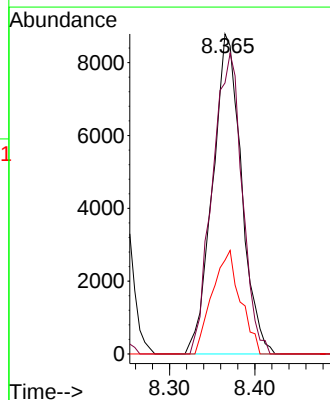
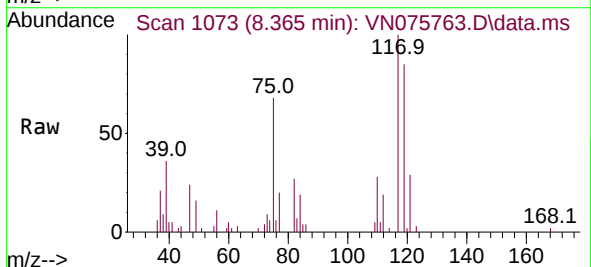
Delta R.T. 0.000 min

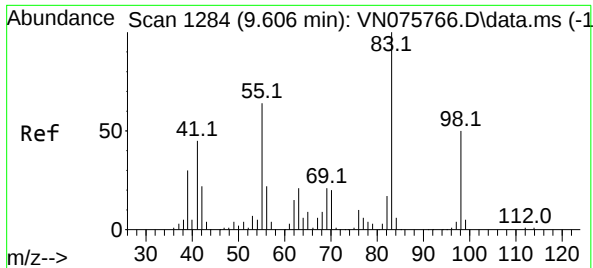
Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Tgt Ion:117 Resp: 20611

Ion	Ratio	Lower	Upper
117	100		
119	84.7	77.2	115.8
121	29.3	24.6	37.0





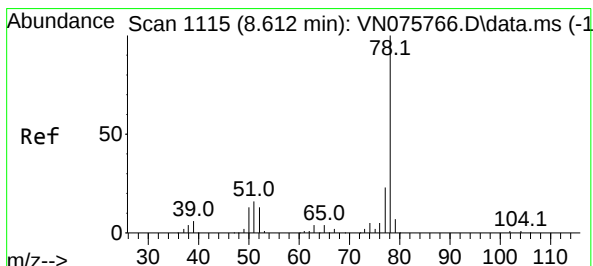
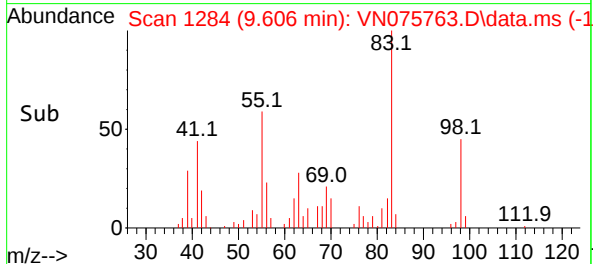
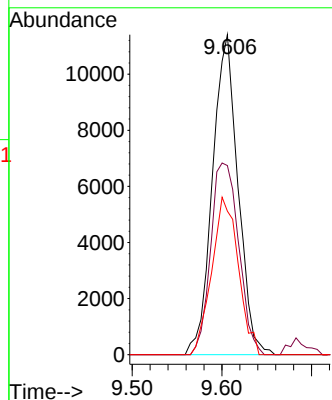
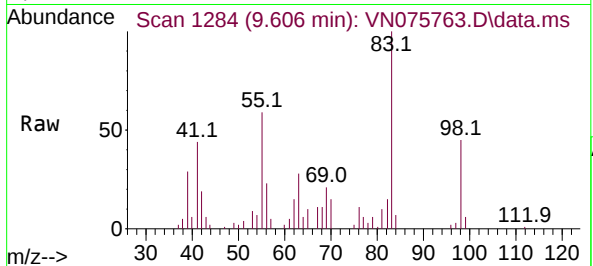
#39
Methylcyclohexane
Concen: 4.891 ug/l
RT: 9.606 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 2251
Ion Ratio Lower Upper
83 100
55 59.1 51.6 77.4
98 44.8 39.8 59.8

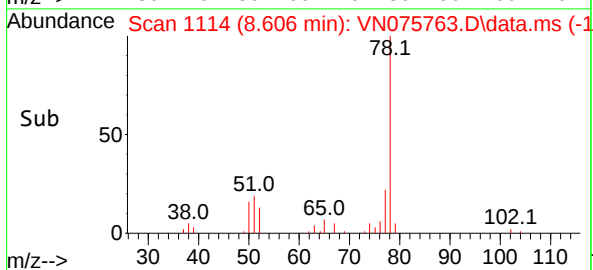
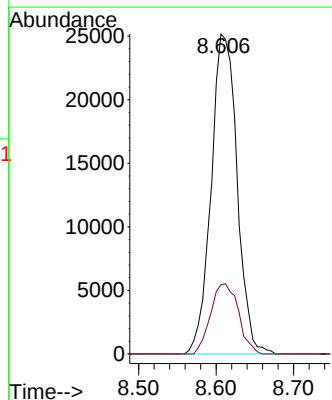
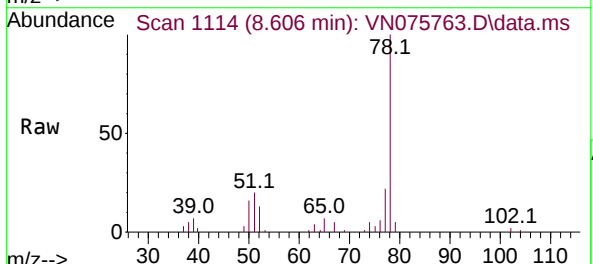
Manual Integrations
APPROVED

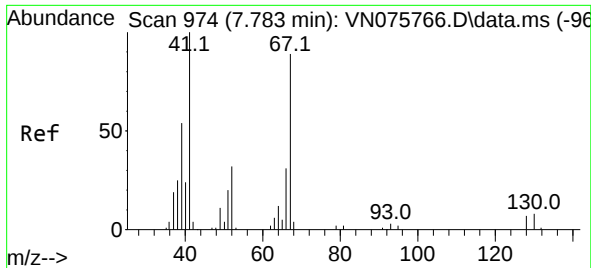
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#40
Benzene
Concen: 5.255 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

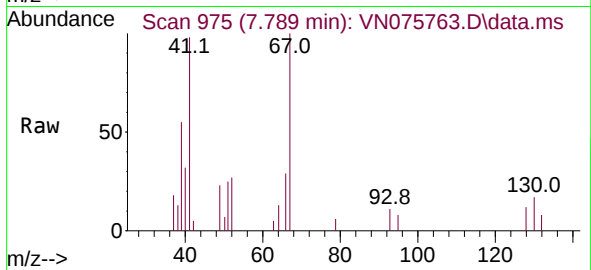
Tgt Ion: 78 Resp: 58542
Ion Ratio Lower Upper
78 100
77 21.7 19.1 28.7





#41
Methacrylonitrile
Concen: 4.986 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

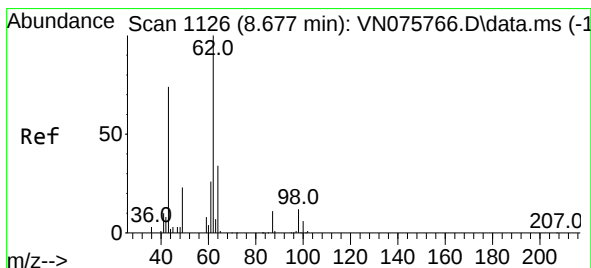
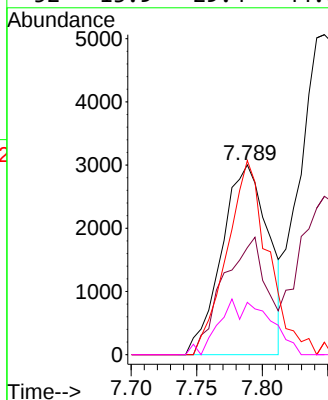
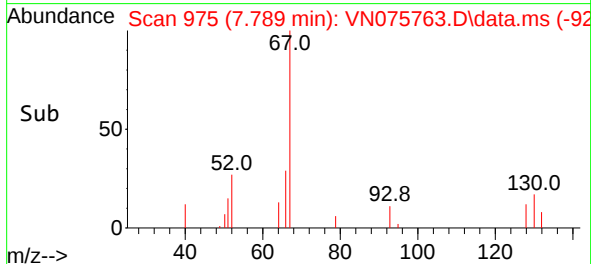
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 745
Ion Ratio Lower Upper
41 100
39 57.9 46.3 69.5
67 91.6 74.0 111.0
52 13.9 29.4 44.0#

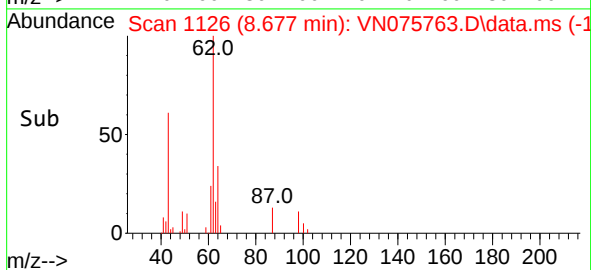
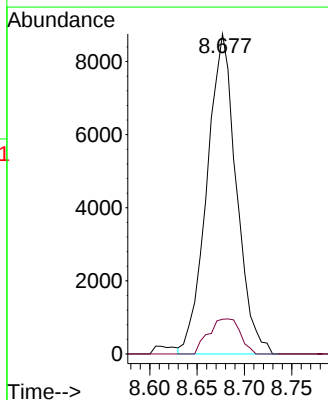
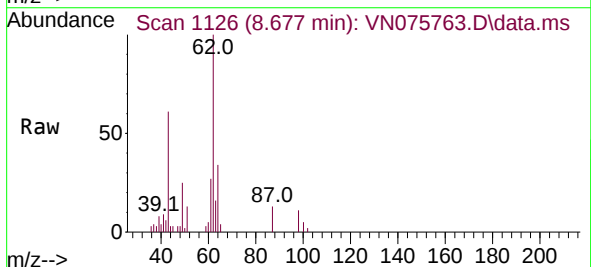
Manual Integrations
APPROVED

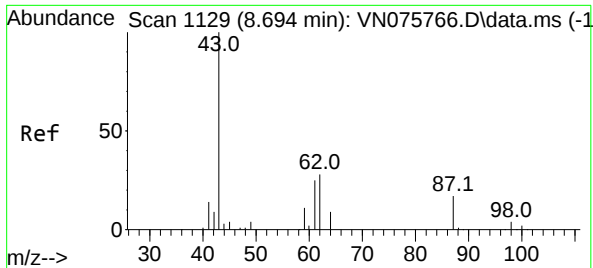
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 5.089 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

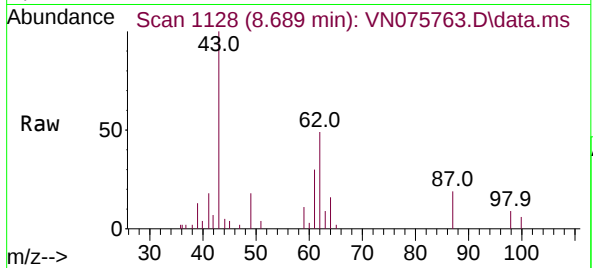
Tgt Ion: 62 Resp: 18965
Ion Ratio Lower Upper
62 100
98 11.7 0.0 21.8





#43
Isopropyl Acetate
Concen: 4.898 ug/l
RT: 8.689 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

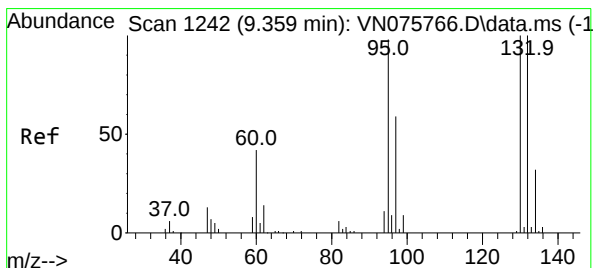
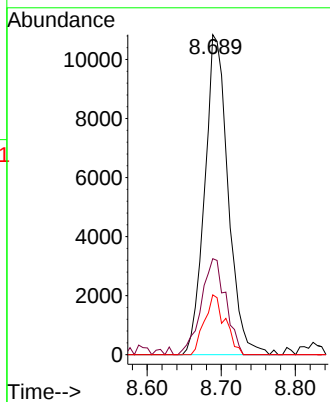
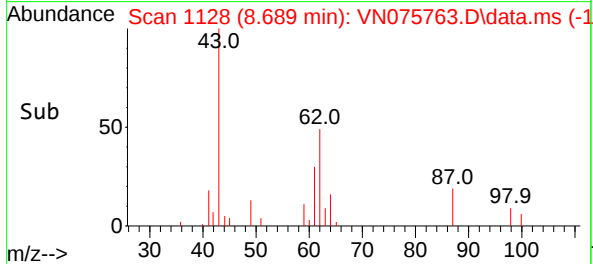
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



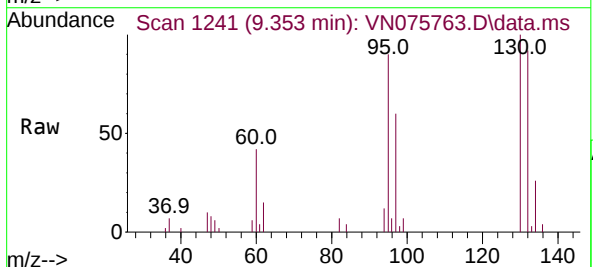
Tgt Ion: 43 Resp: 2383
Ion Ratio Lower Upper
43 100
61 31.5 23.8 35.8
87 16.5 13.7 20.5

Manual Integrations
APPROVED

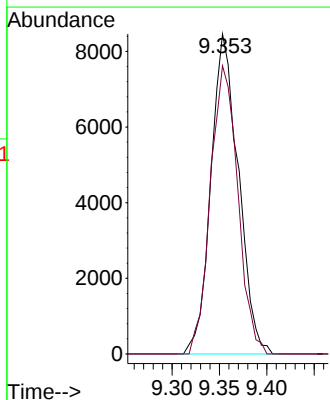
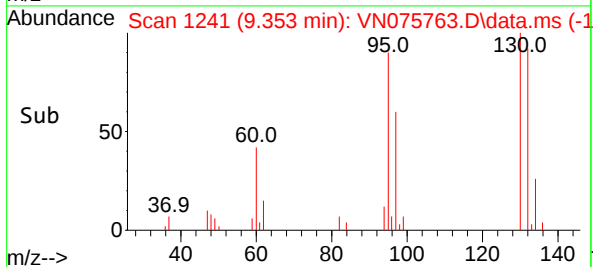
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

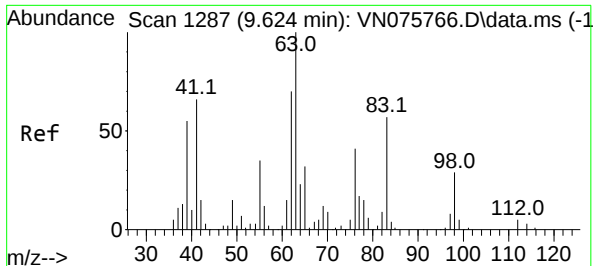


#44
Trichloroethene
Concen: 5.424 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56



Tgt Ion:130 Resp: 17047
Ion Ratio Lower Upper
130 100
95 90.1 0.0 176.8





#45

1,2-Dichloropropane

Concen: 5.706 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 15119

Ion Ratio Lower Upper

63 100

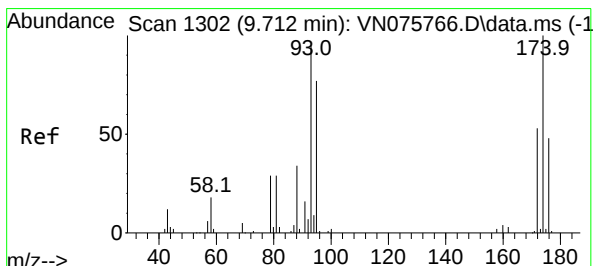
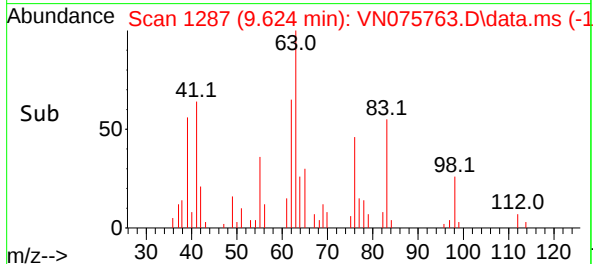
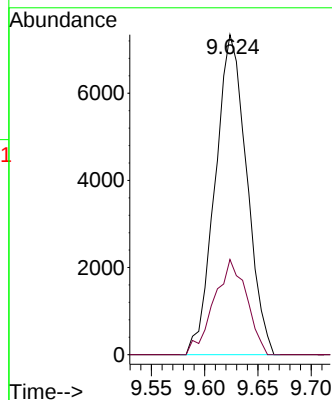
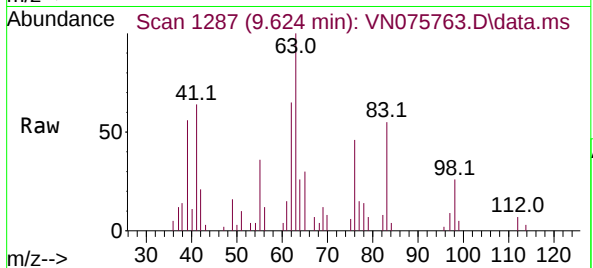
65 29.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 5.183 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

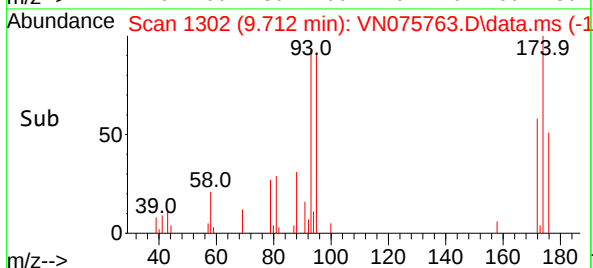
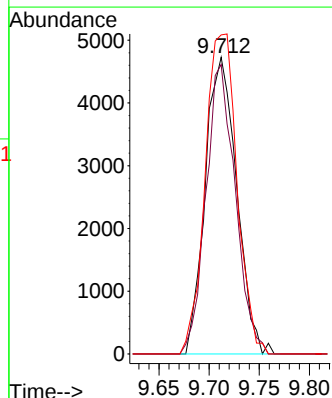
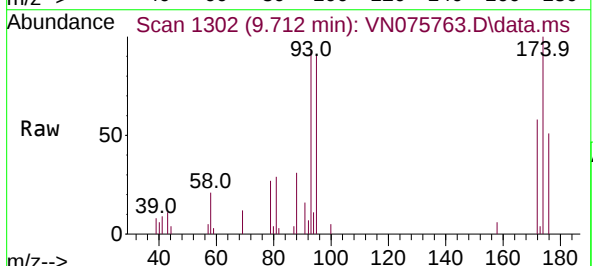
Tgt Ion: 93 Resp: 10311

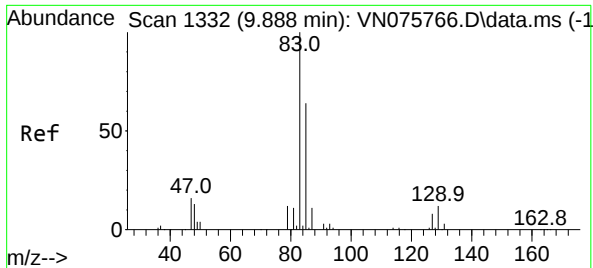
Ion Ratio Lower Upper

93 100

95 91.3 67.3 100.9

174 109.6 85.0 127.6





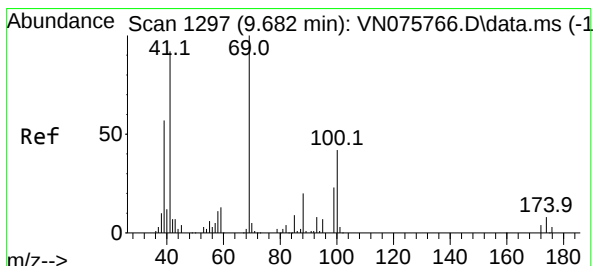
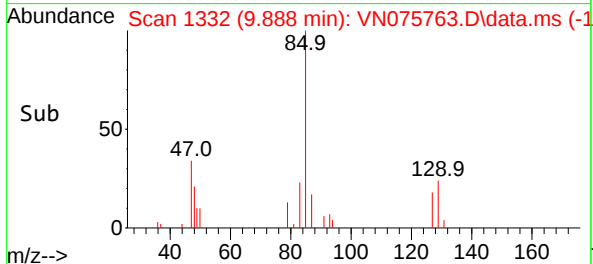
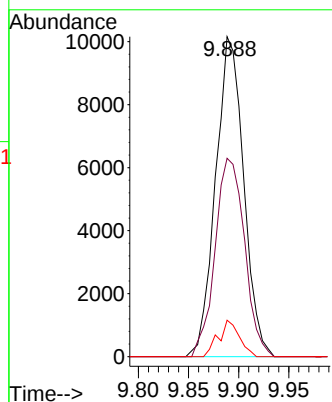
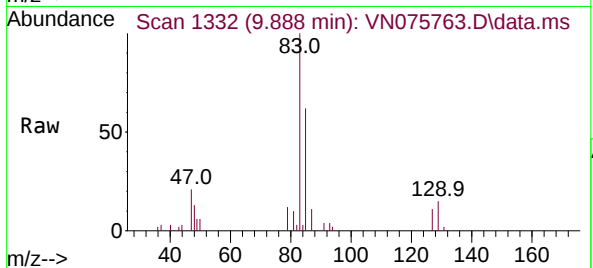
#47
Bromodichloromethane
Concen: 5.067 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 19764
Ion Ratio Lower Upper
83 100
85 62.0 48.0 72.0
127 11.4 7.4 11.2

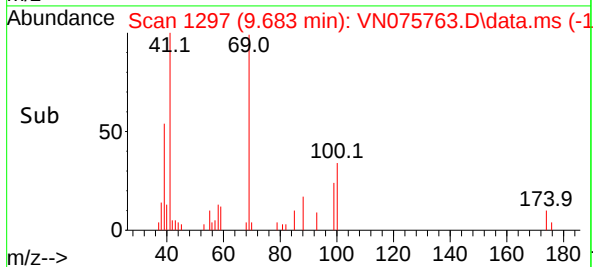
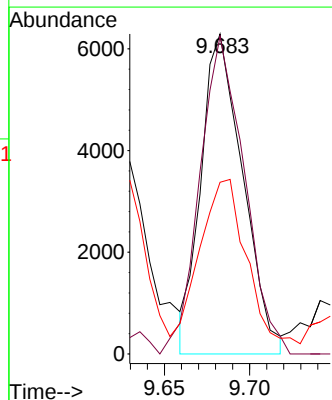
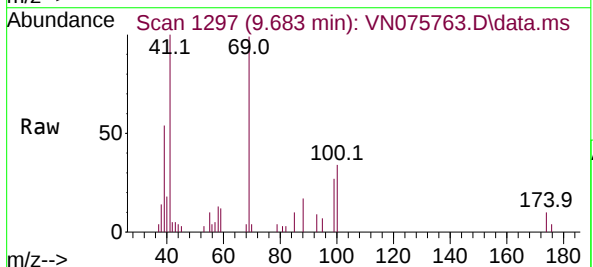
Manual Integrations
APPROVED

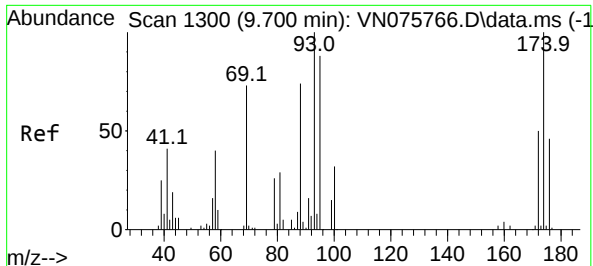
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 4.792 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion: 41 Resp: 10738
Ion Ratio Lower Upper
41 100
69 105.7 82.5 123.7
39 64.5 53.2 79.8





#49

1,4-Dioxane

Concen: 100.173 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 545

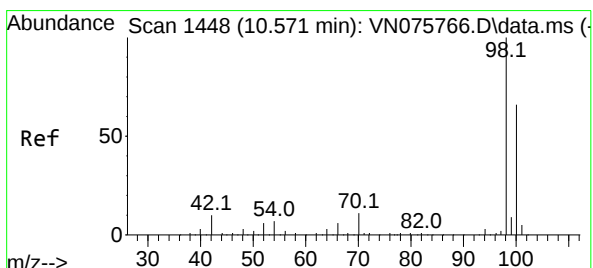
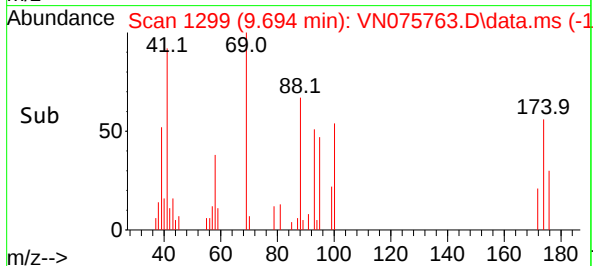
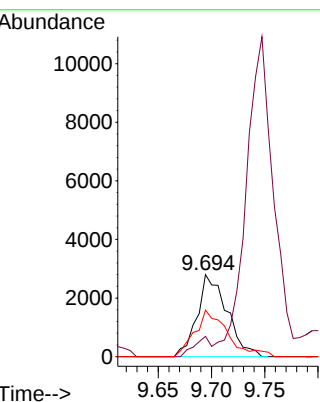
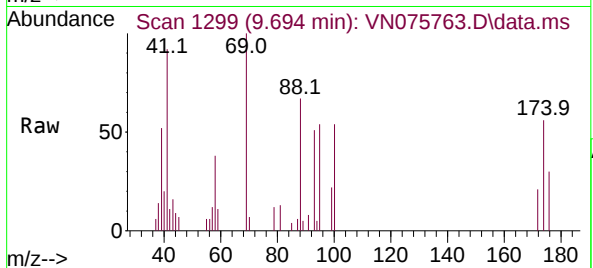
Ion	Ratio	Lower	Upper
88	100		
43	13.6	17.4	26.0
58	62.0	46.8	70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 5.210 ug/l

RT: 10.571 min Scan# 1448

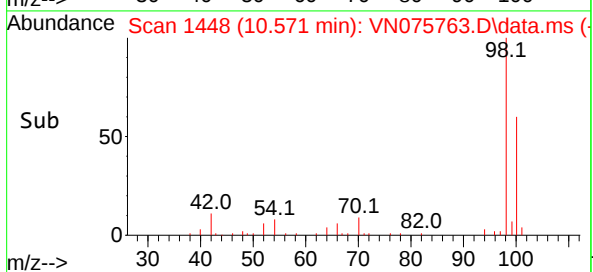
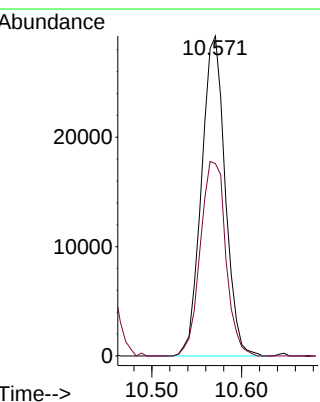
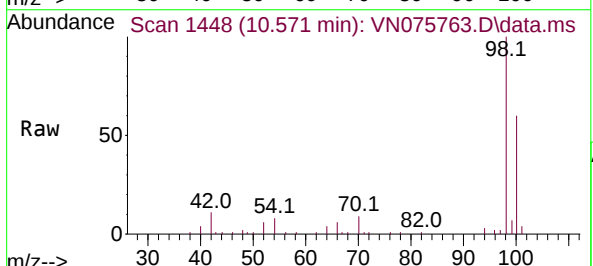
Delta R.T. 0.000 min

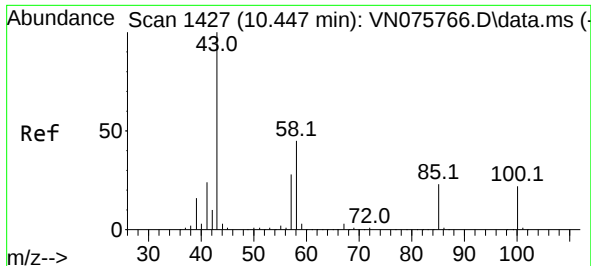
Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Tgt Ion: 98 Resp: 53495

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	78.8





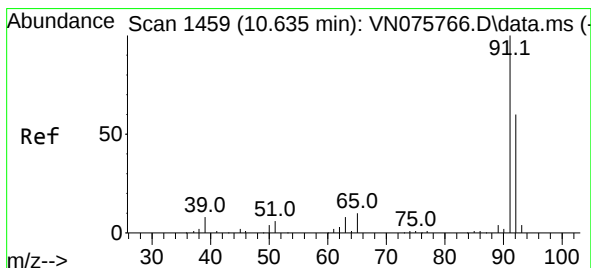
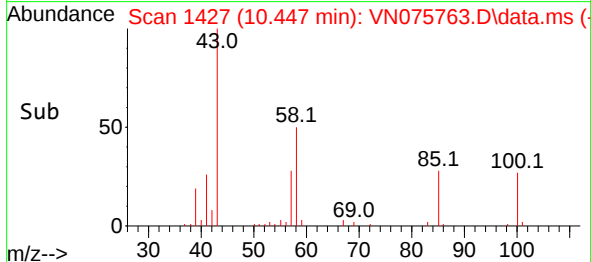
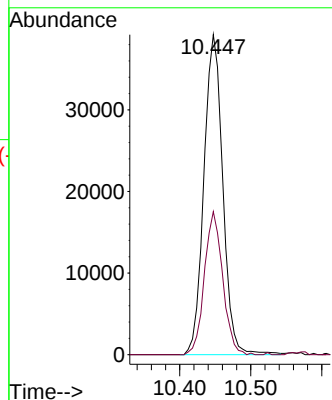
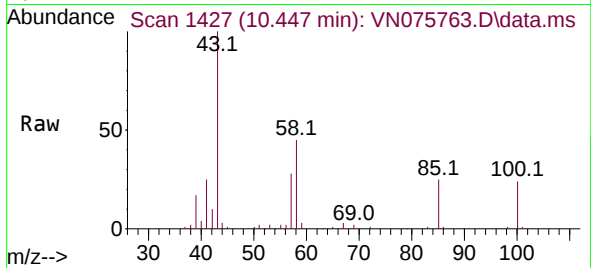
#51
4-Methyl-2-Pentanone
Concen: 24.230 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 72699
Ion Ratio Lower Upper
43 100
58 43.2 35.0 52.6

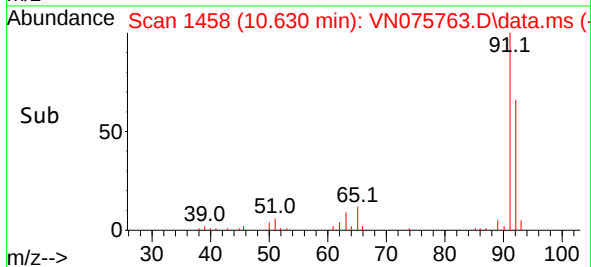
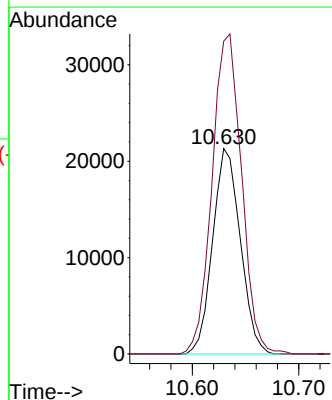
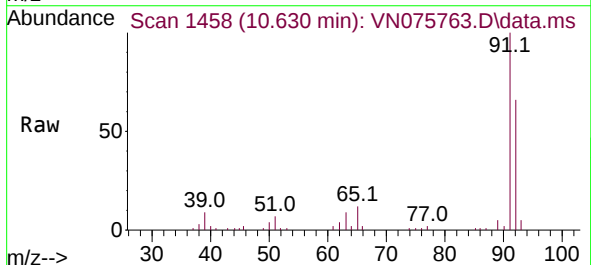
Manual Integrations
APPROVED

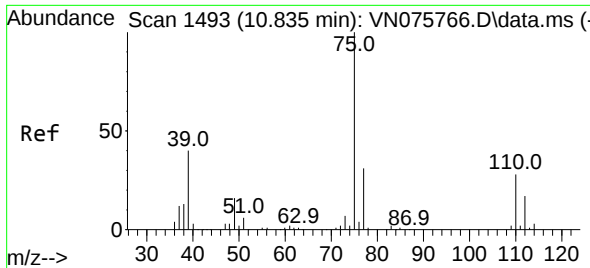
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 5.222 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

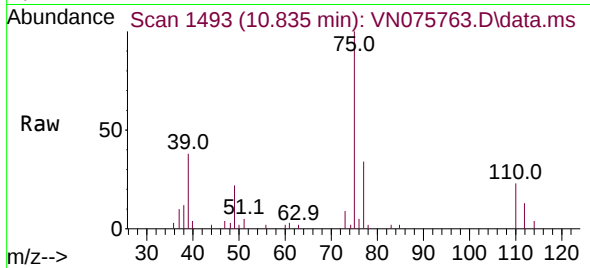
Tgt Ion: 92 Resp: 38453
Ion Ratio Lower Upper
92 100
91 166.0 137.9 206.9





#53
 t-1,3-Dichloropropene
 Concen: 4.678 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075763.D
 Acq: 14 Dec 2022 10:56

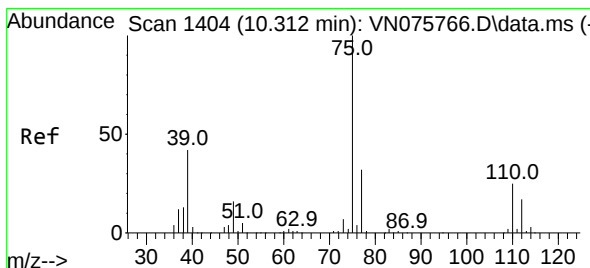
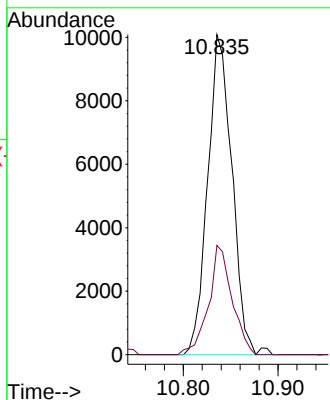
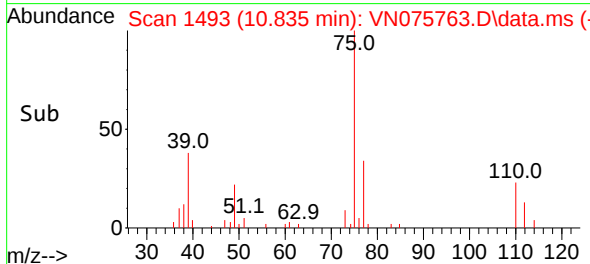
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



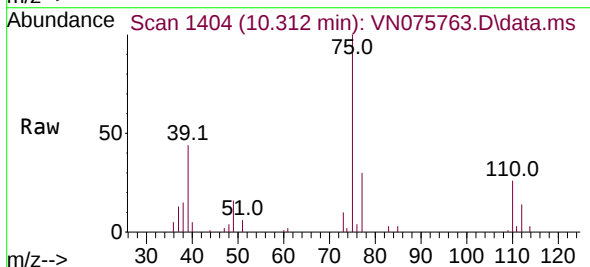
Tgt Ion: 75 Resp: 18020
 Ion Ratio Lower Upper
 75 100
 77 34.1 24.3 36.5

Manual Integrations
 APPROVED

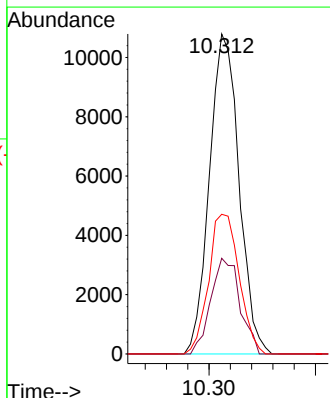
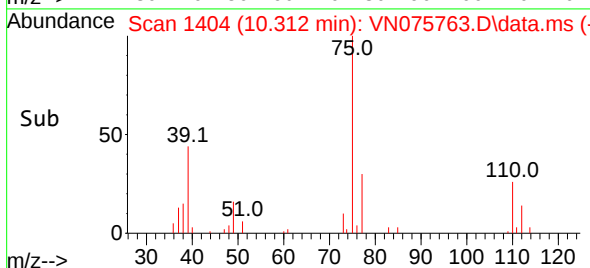
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

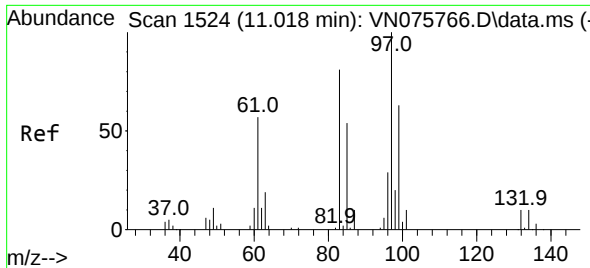


#54
 cis-1,3-Dichloropropene
 Concen: 4.848 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN075763.D
 Acq: 14 Dec 2022 10:56



Tgt Ion: 75 Resp: 20777
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.3 37.9
 39 43.6 32.0 48.0





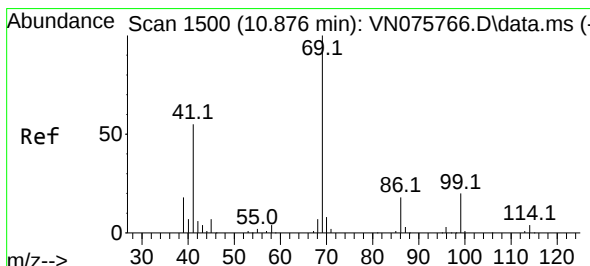
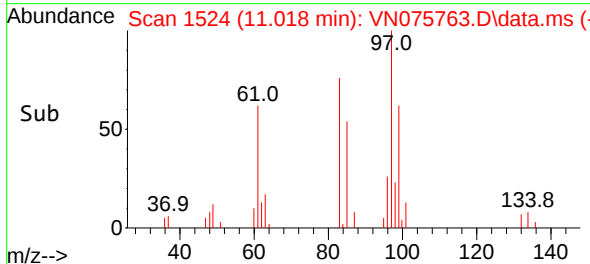
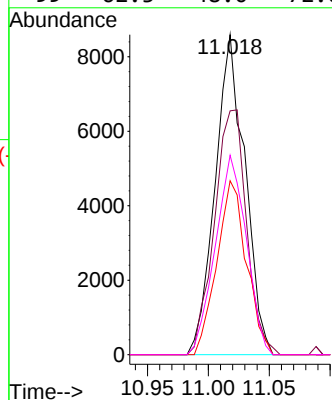
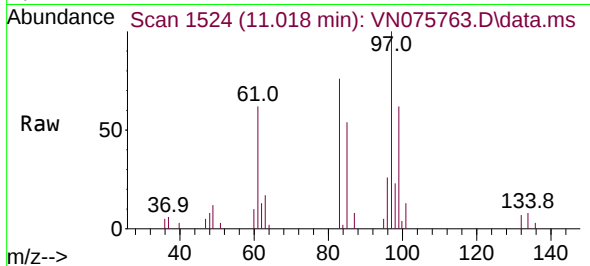
#55
1,1,2-Trichloroethane
Concen: 5.050 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 97	Resp: 1462
Ion Ratio	Lower Upper
97 100	
83 76.2	62.7 94.1
85 54.4	41.8 62.6
99 62.3	48.0 72.0

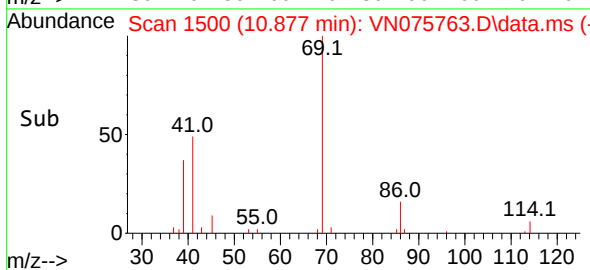
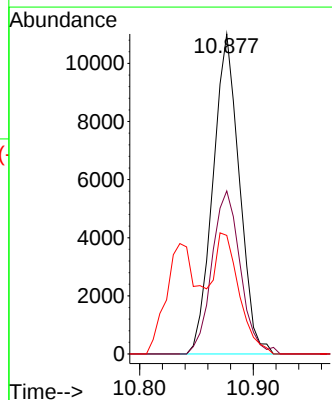
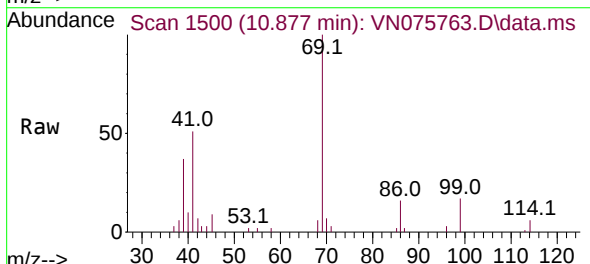
Manual Integrations
APPROVED

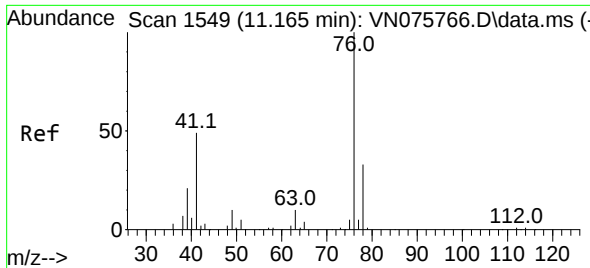
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#56
Ethyl methacrylate
Concen: 4.532 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion: 69	Resp: 17778
Ion Ratio	Lower Upper
69 100	
41 54.9	44.1 66.1
39 36.0	27.7 41.5





#57

1,3-Dichloropropane

Concen: 5.150 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 2409

Ion Ratio Lower Upper

76 100

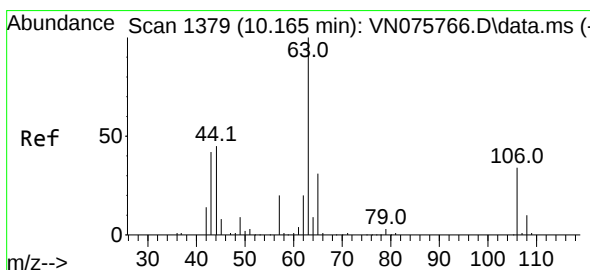
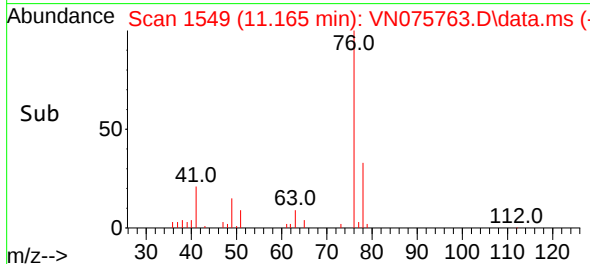
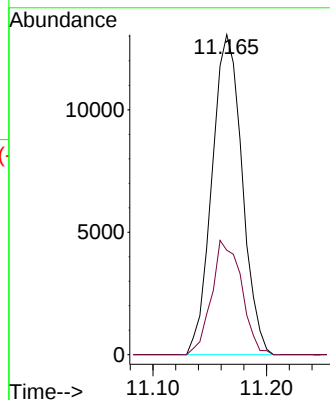
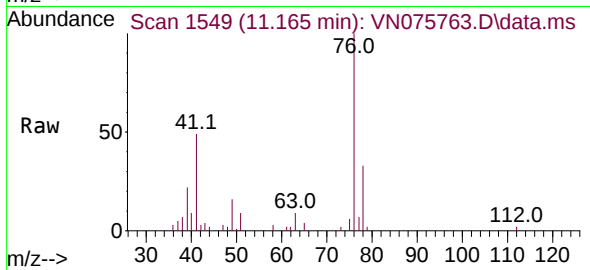
78 35.3 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 23.667 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075763.D

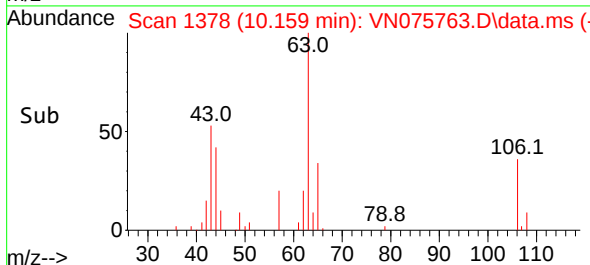
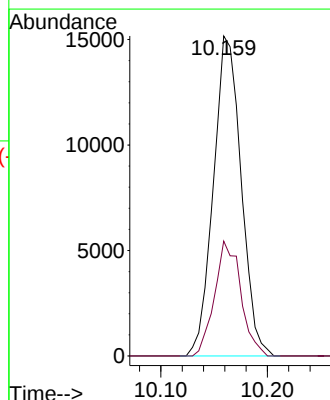
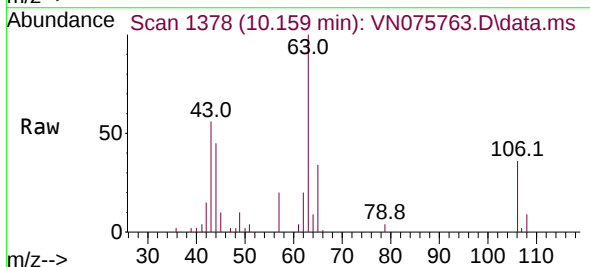
Acq: 14 Dec 2022 10:56

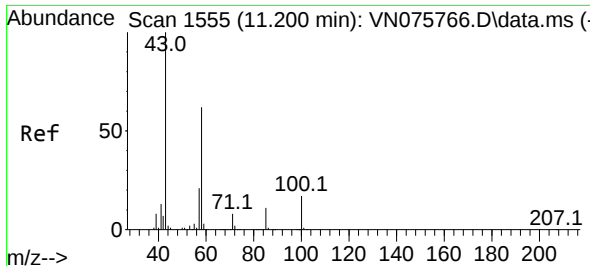
Tgt Ion: 63 Resp: 27414

Ion Ratio Lower Upper

63 100

106 34.0 26.6 40.0





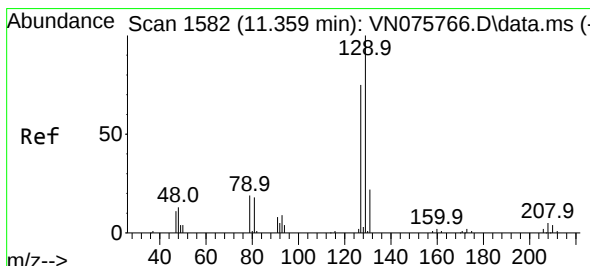
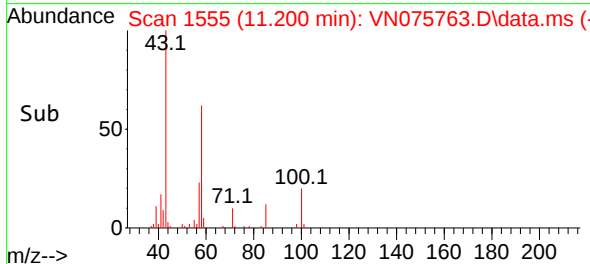
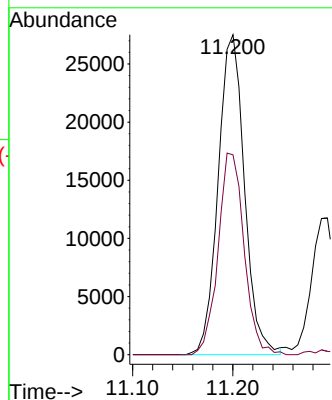
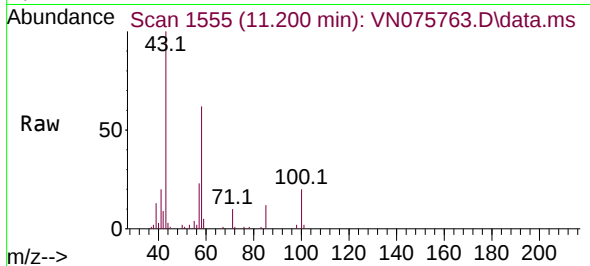
#59
2-Hexanone
Concen: 23.015 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 50169
Ion Ratio Lower Upper
43 100
58 62.1 30.9 92.5

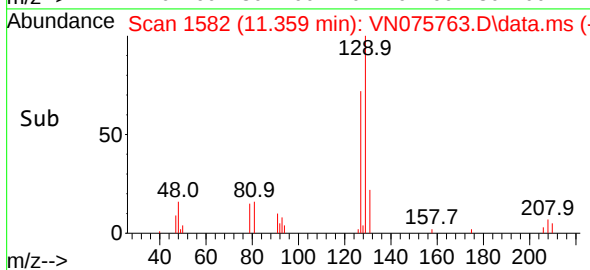
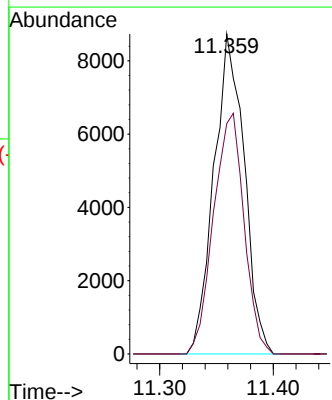
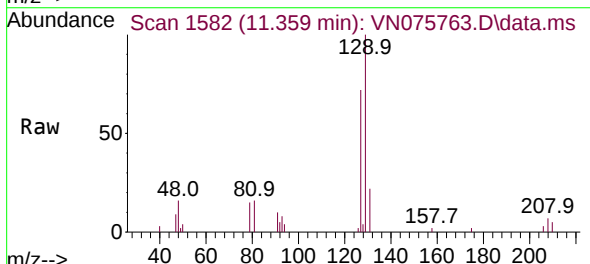
Manual Integrations
APPROVED

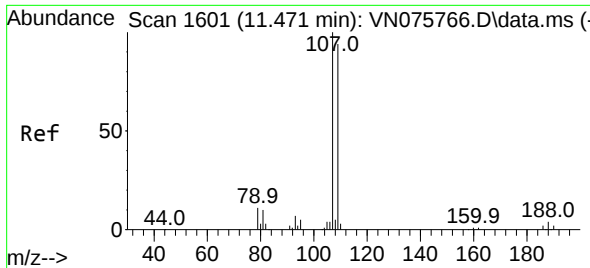
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 5.073 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion:129 Resp: 16161
Ion Ratio Lower Upper
129 100
127 75.7 38.6 116.0





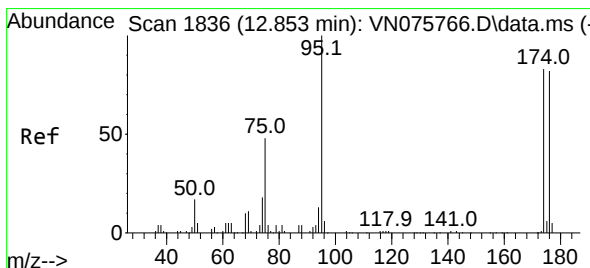
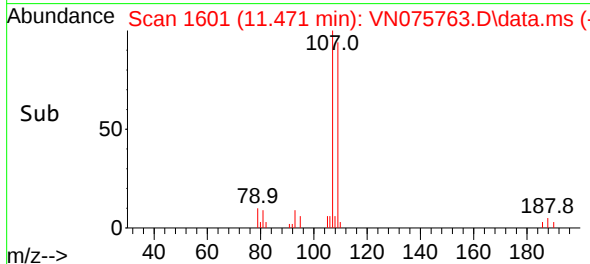
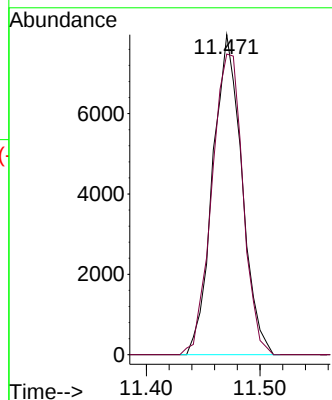
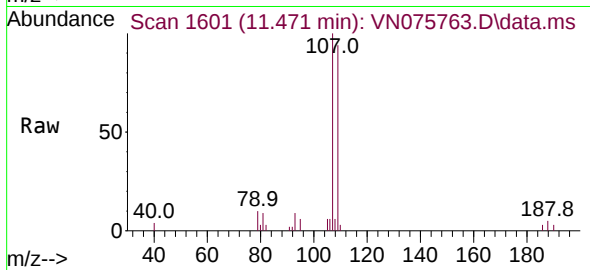
#61
1,2-Dibromoethane
Concen: 4.683 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 14204
Ion Ratio Lower Upper
107 100
109 99.8 75.4 113.2

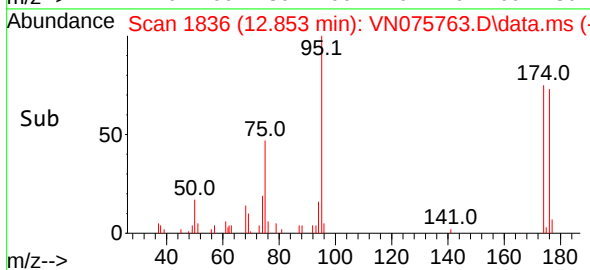
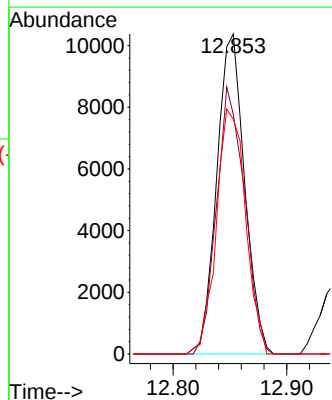
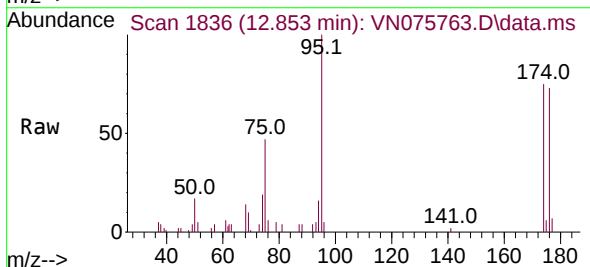
Manual Integrations
APPROVED

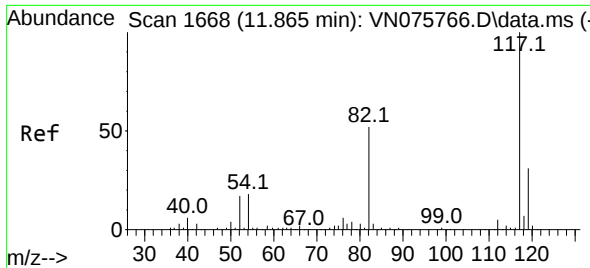
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 5.036 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

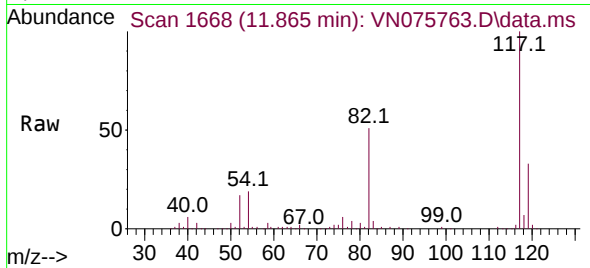
Tgt Ion: 95 Resp: 17679
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.6
176 80.1 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

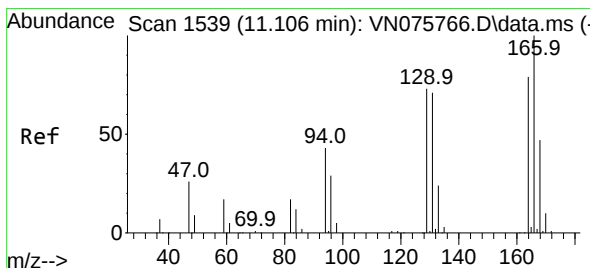
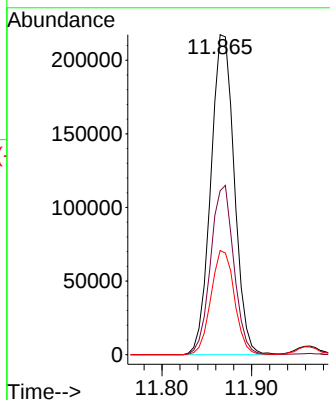
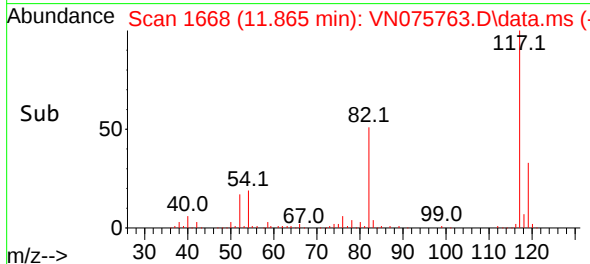
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 396078
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.8
119 32.6 25.8 38.6

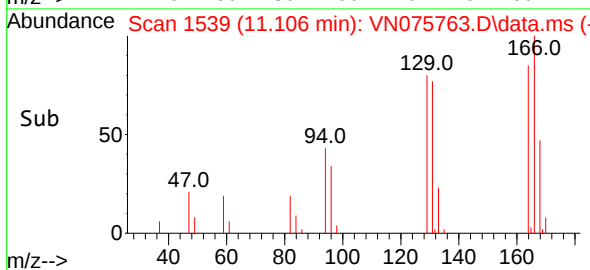
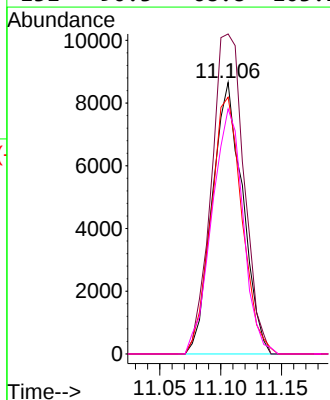
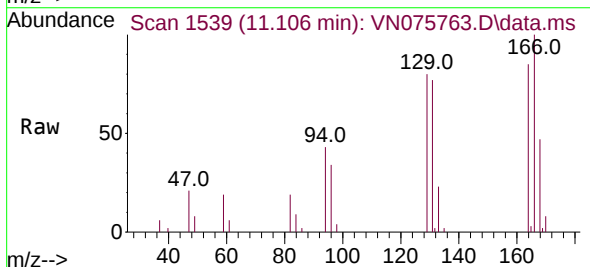
Manual Integrations
APPROVED

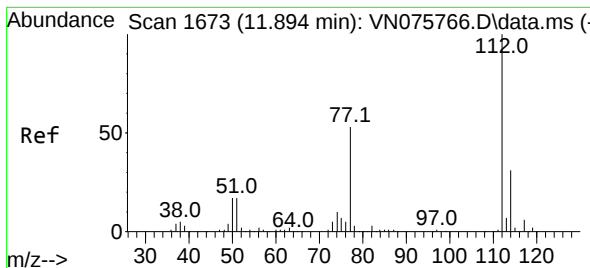
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 5.235 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

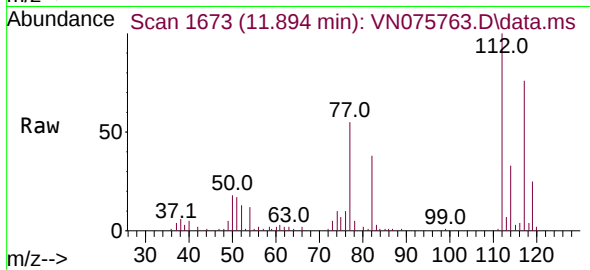
Tgt Ion:164 Resp: 15103
Ion Ratio Lower Upper
164 100
166 117.9 100.3 150.5
129 94.6 73.9 110.9
131 90.3 68.8 103.2





#65
Chlorobenzene
Concen: 5.178 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

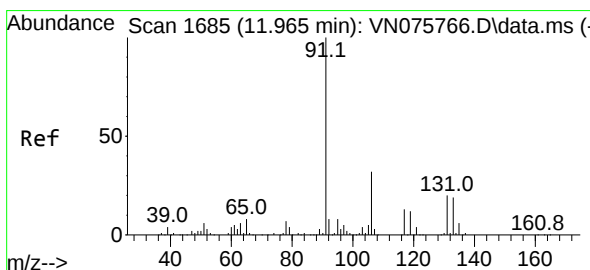
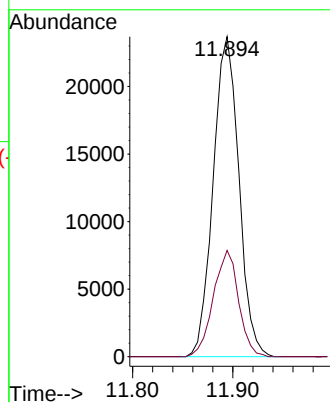
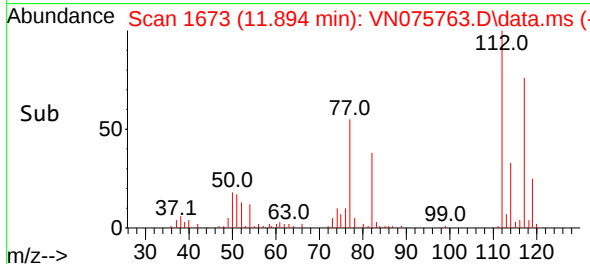
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



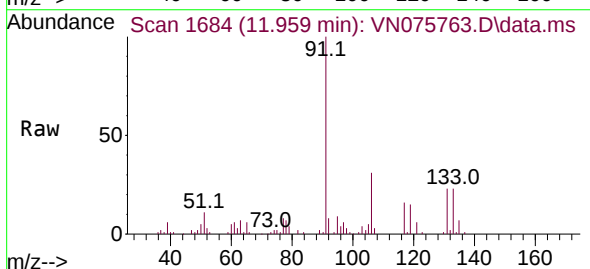
Tgt Ion:112 Resp: 4220
Ion Ratio Lower Upper
112 100
114 33.2 25.5 38.3

Manual Integrations
APPROVED

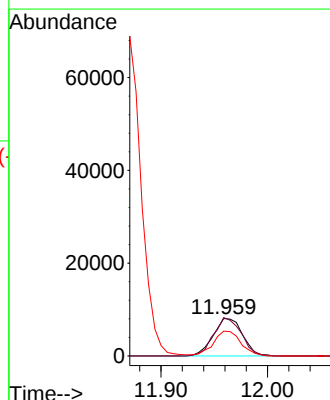
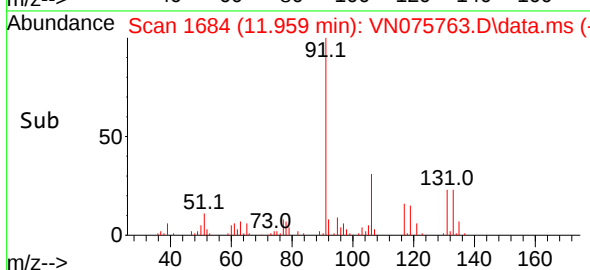
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

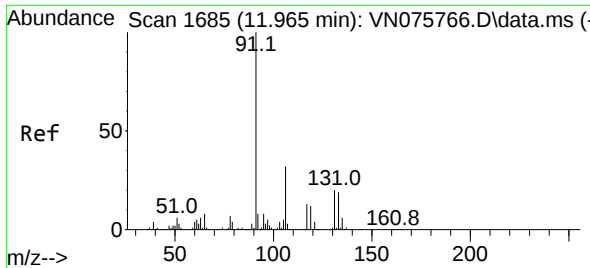


#66
1,1,1,2-Tetrachloroethane
Concen: 5.206 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56



Tgt Ion:131 Resp: 15436
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 62.6 32.5 97.4





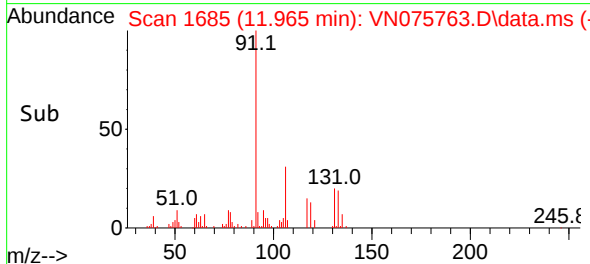
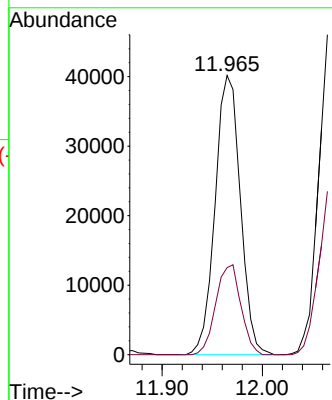
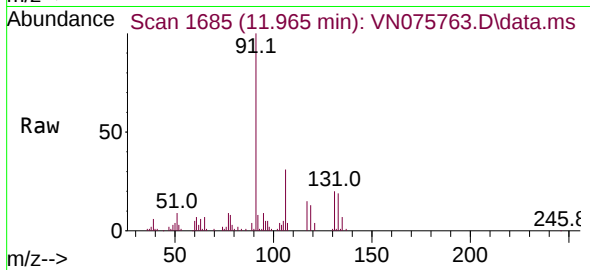
#67
Ethyl Benzene
Concen: 5.091 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 70182
Ion Ratio Lower Upper
91 100
106 31.2 26.9 40.3

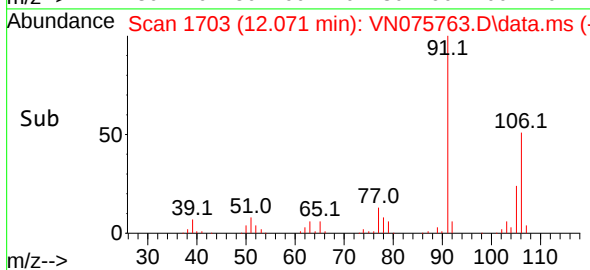
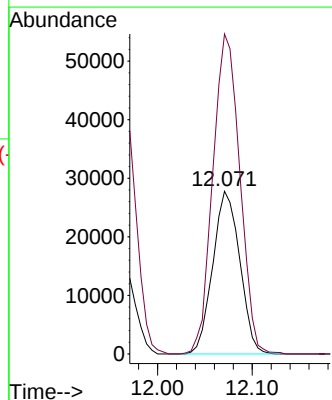
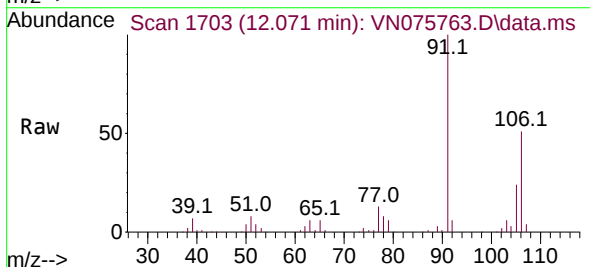
Manual Integrations
APPROVED

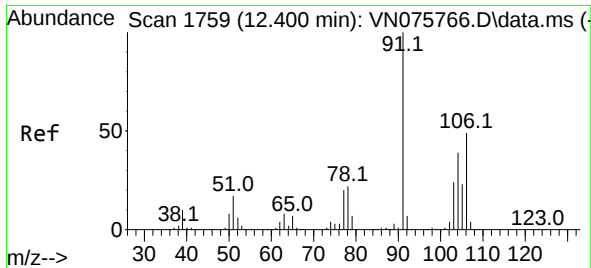
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#68
m/p-Xylenes
Concen: 9.889 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion:106 Resp: 55088
Ion Ratio Lower Upper
106 100
91 196.8 156.2 234.4





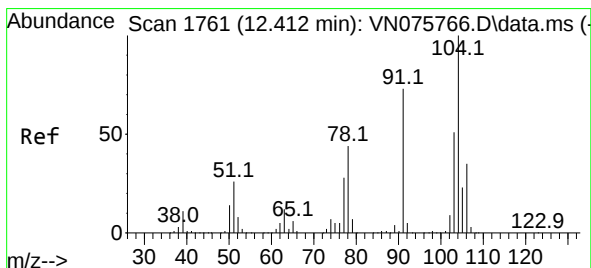
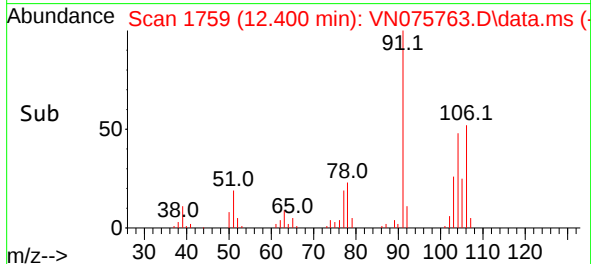
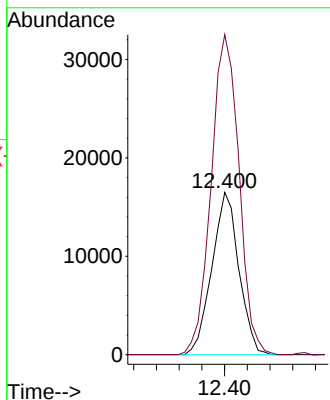
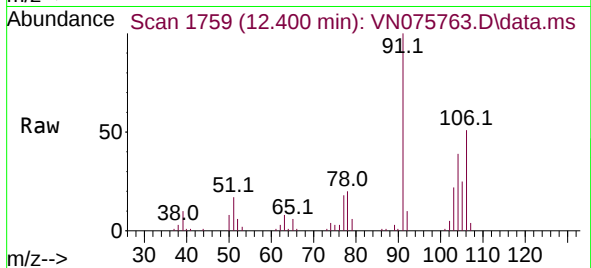
#69
o-Xylene
Concen: 5.034 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 27209
Ion Ratio Lower Upper
106 100
91 203.8 102.8 308.5

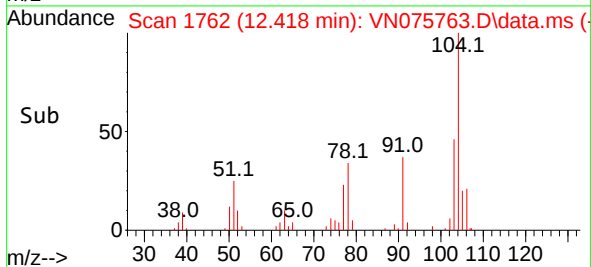
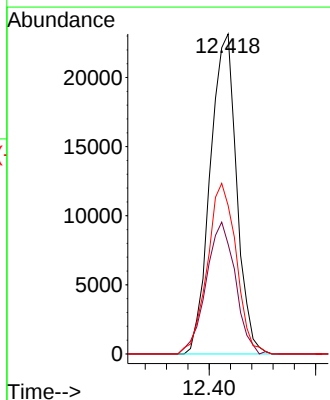
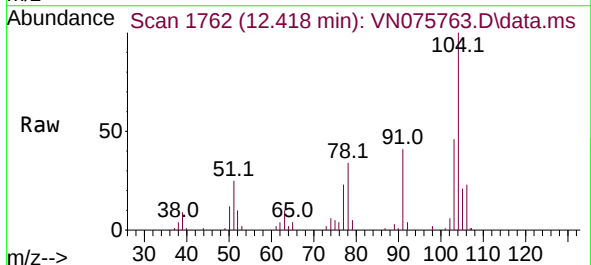
Manual Integrations
APPROVED

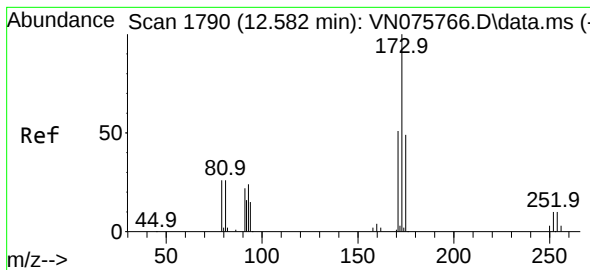
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 4.595 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion:104 Resp: 39835
Ion Ratio Lower Upper
104 100
78 45.4 36.7 55.1
103 58.1 44.0 66.0





#71

Bromoform

Concen: 4.617 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

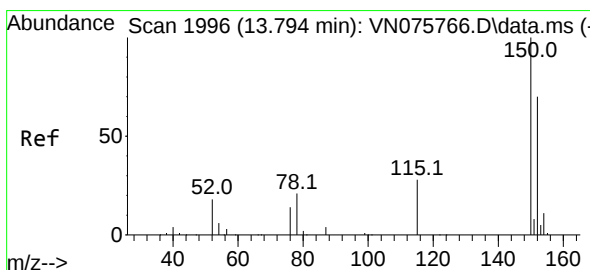
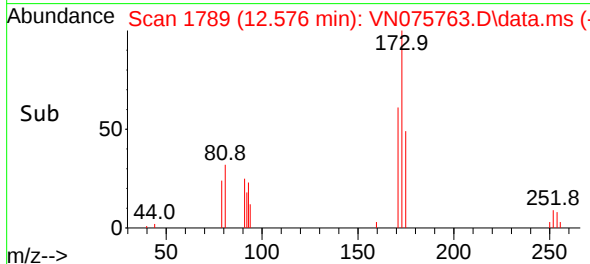
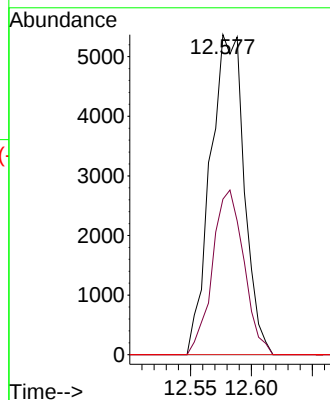
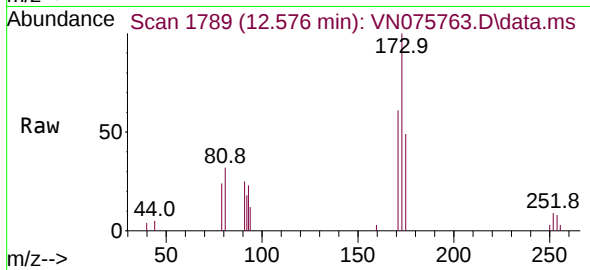
Tgt Ion:173	Resp:	10370
Ion Ratio	Lower	Upper
173	100	
175	47.8	23.8 71.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

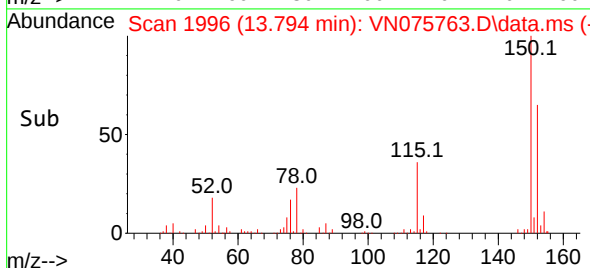
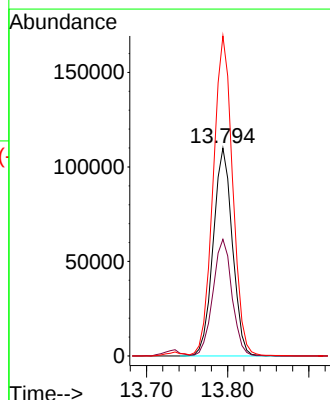
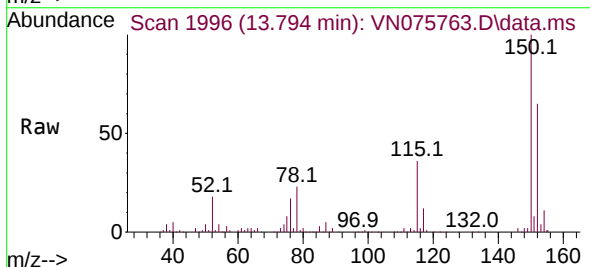
RT: 13.794 min Scan# 1996

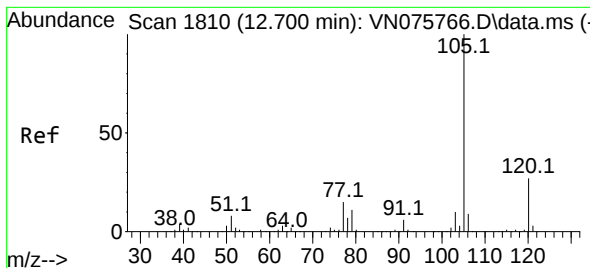
Delta R.T. 0.000 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Tgt Ion:152	Resp:	180034
Ion Ratio	Lower	Upper
152	100	
115	55.9	28.4 85.2
150	157.0	0.0 347.6





#73

Isopropylbenzene

Concen: 5.192 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 6711

Ion Ratio Lower Upper

105 100

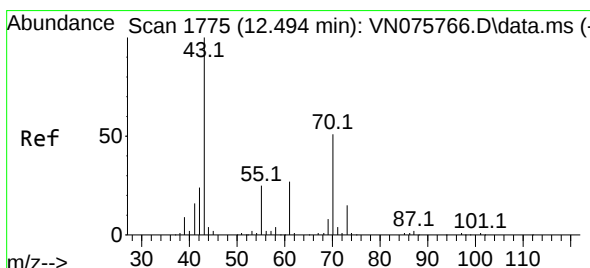
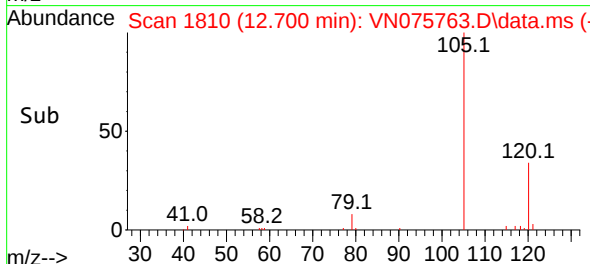
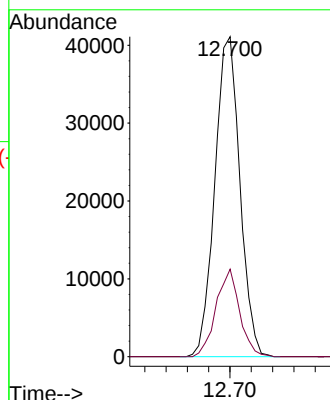
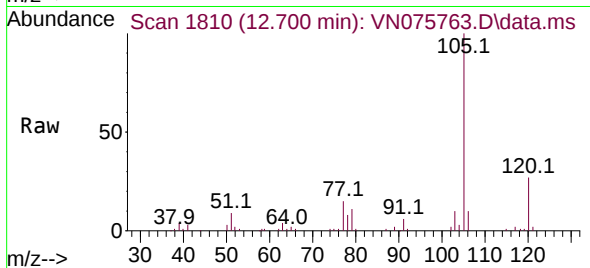
120 25.7 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#74

N-ethyl acetate

Concen: 4.649 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Tgt Ion: 43 Resp: 17462

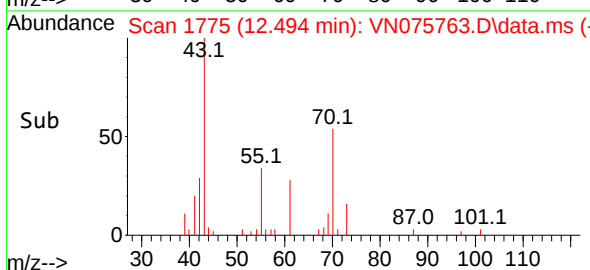
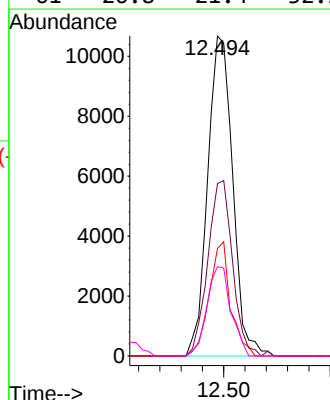
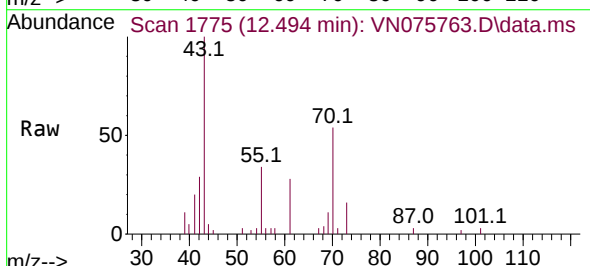
Ion Ratio Lower Upper

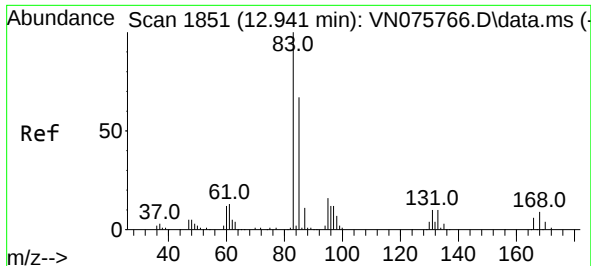
43 100

70 54.3 41.0 61.6

55 30.6 20.7 31.1

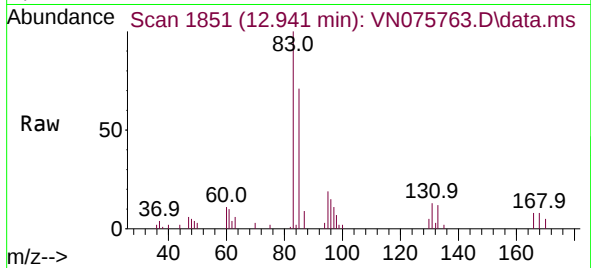
61 26.8 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 5.369 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

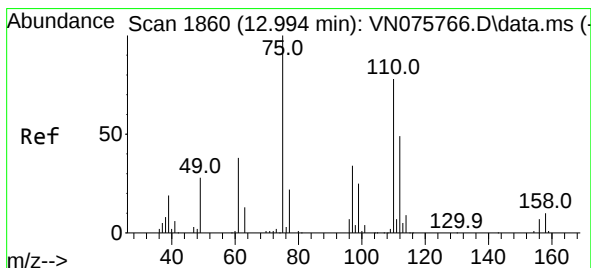
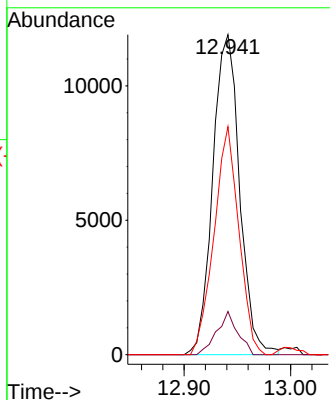
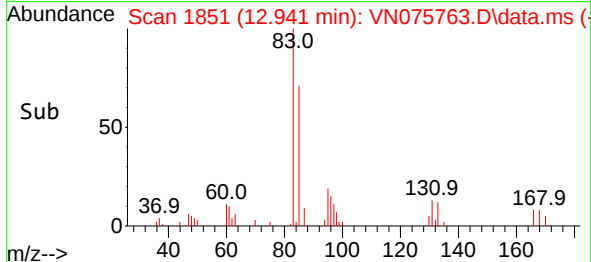
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



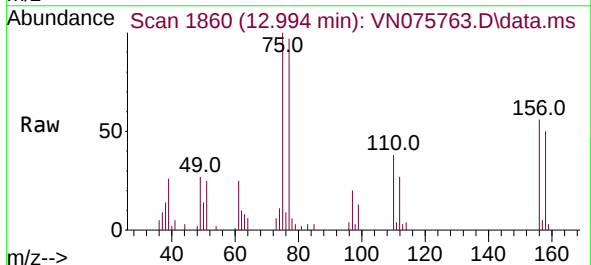
Tgt Ion: 83 Resp: 20848
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 65.9 32.6 97.7

Manual Integrations
APPROVED

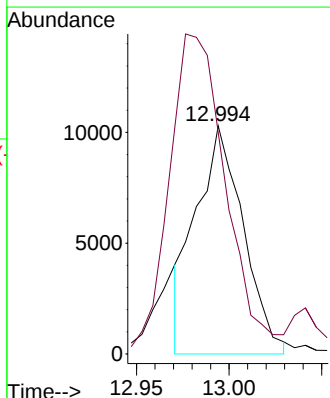
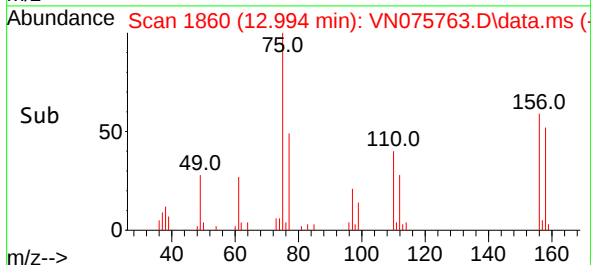
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

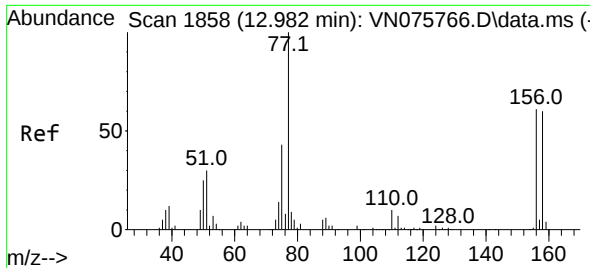


#76
1,2,3-Trichloropropane
Concen: 5.071 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56



Tgt Ion: 75 Resp: 18335
Ion Ratio Lower Upper
75 100
77 168.4 81.8 245.4





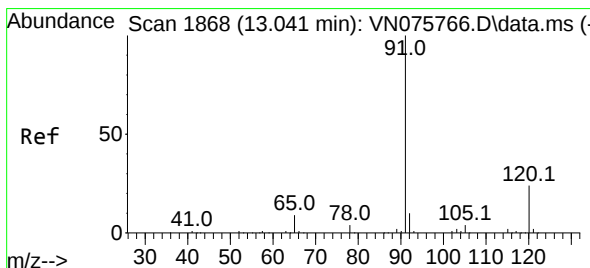
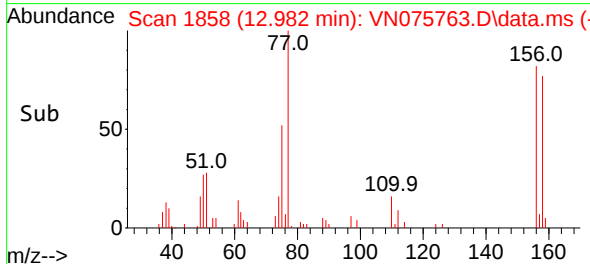
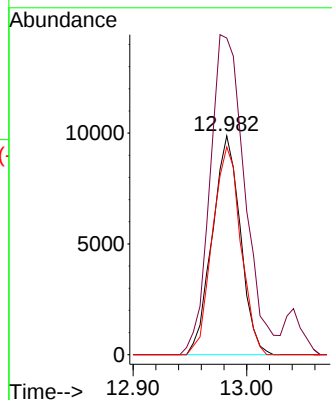
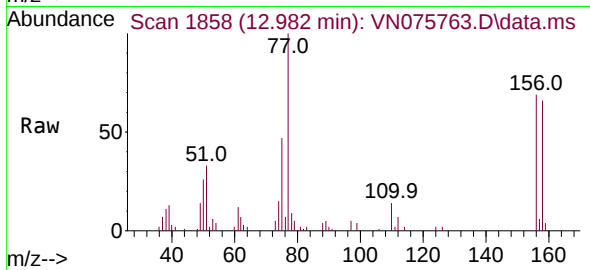
#77
Bromobenzene
Concen: 5.217 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 16960
Ion Ratio Lower Upper
156 100
77 182.1 90.8 272.5
158 95.6 49.3 147.8

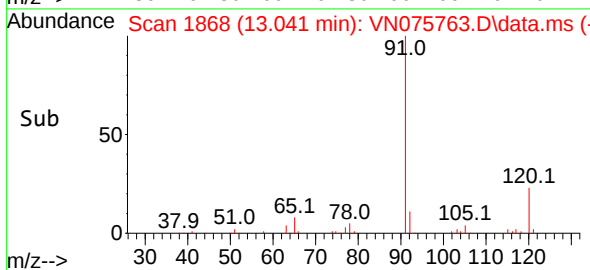
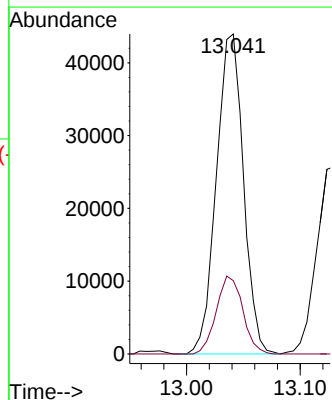
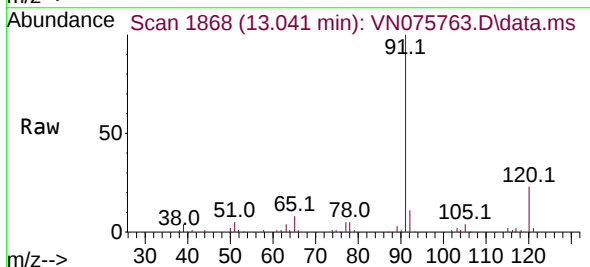
Manual Integrations
APPROVED

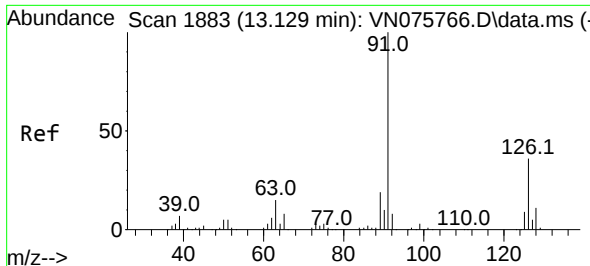
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#78
n-propylbenzene
Concen: 5.070 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion: 91 Resp: 72724
Ion Ratio Lower Upper
91 100
120 23.8 12.1 36.3





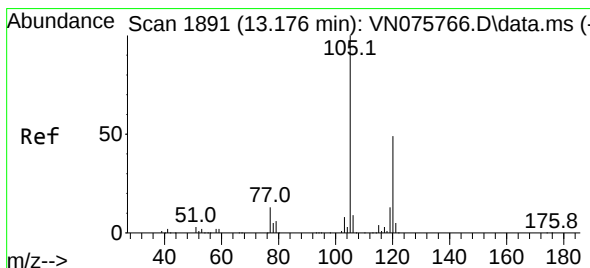
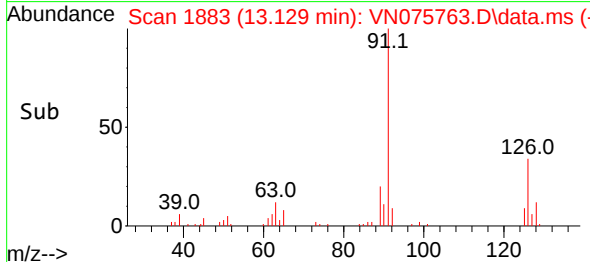
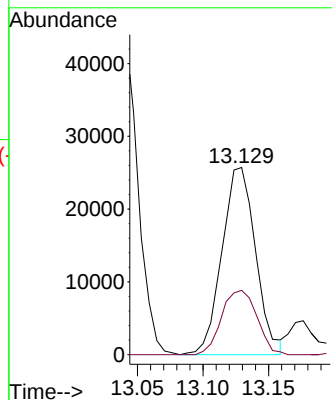
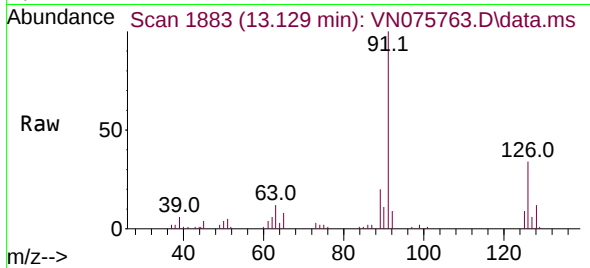
#79
2-Chlorotoluene
Concen: 5.195 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 46004
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.4

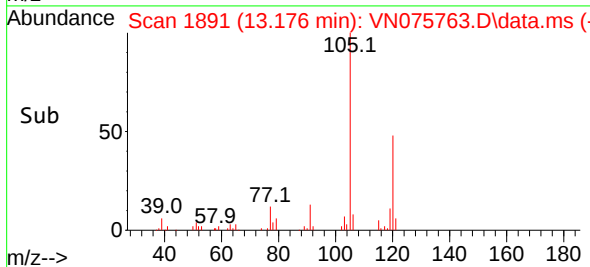
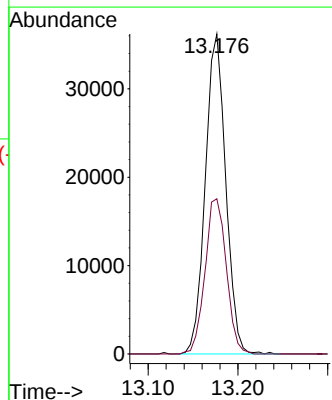
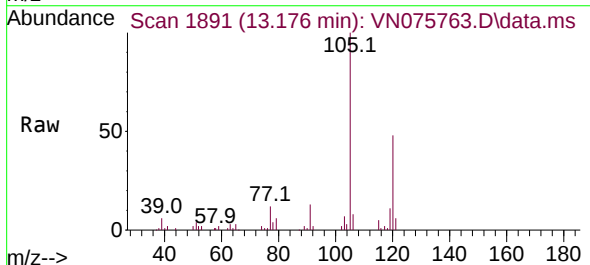
Manual Integrations
APPROVED

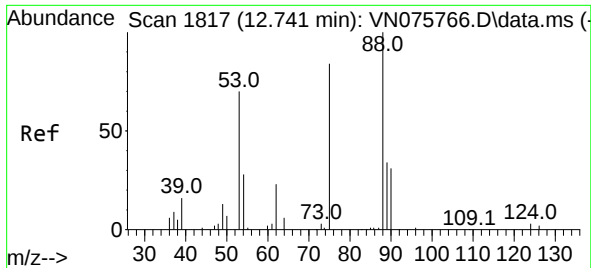
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.299 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

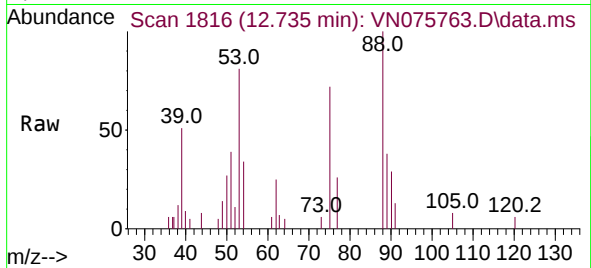
Tgt Ion:105 Resp: 57270
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 4.368 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

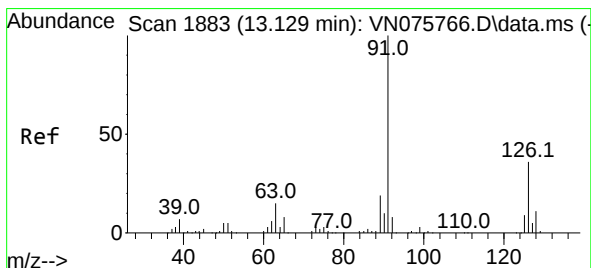
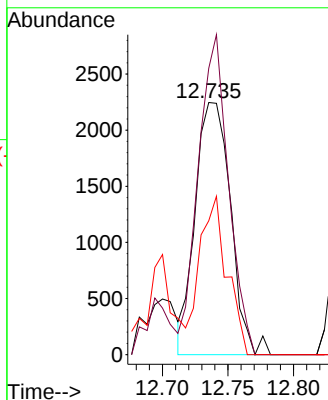
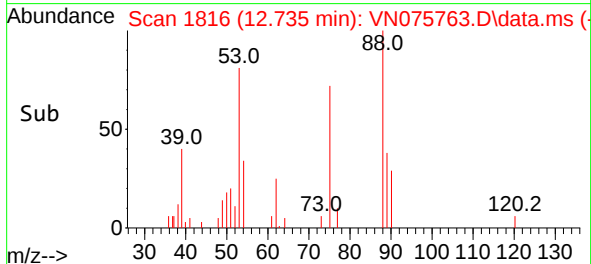
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 4219
Ion Ratio Lower Upper
75 100
53 108.9 72.4 108.6
89 48.4 36.6 55.0

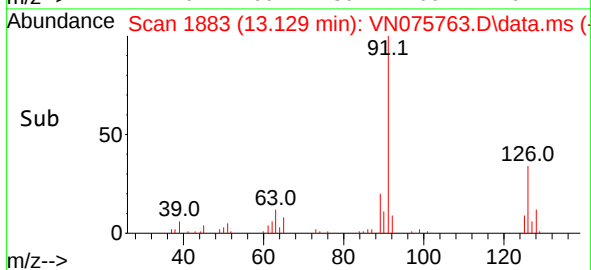
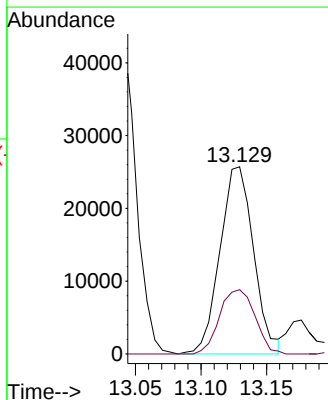
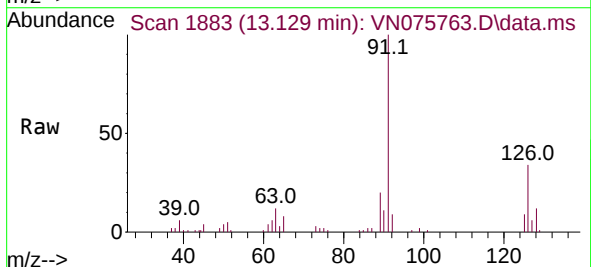
Manual Integrations
APPROVED

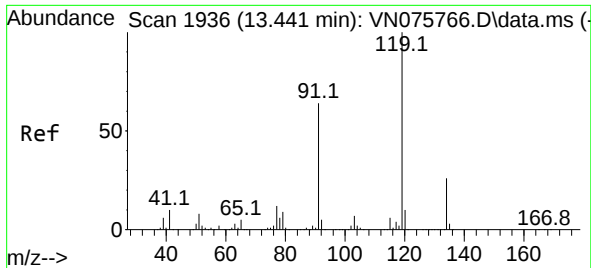
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 5.195 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion: 91 Resp: 46004
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.4





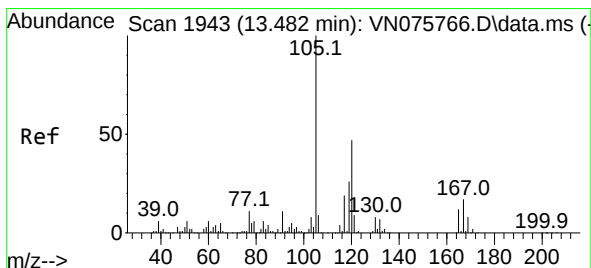
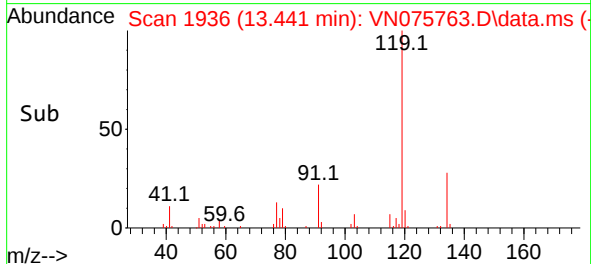
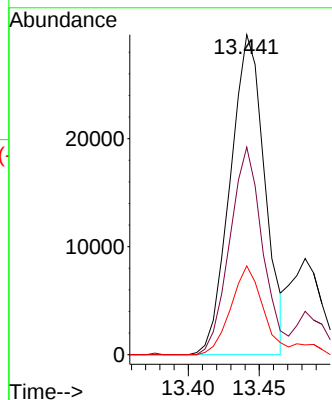
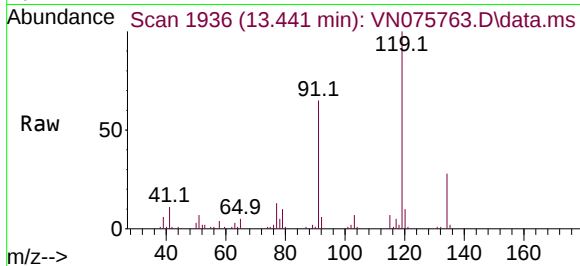
#83
tert-Butylbenzene
Concen: 5.113 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 50108
Ion Ratio Lower Upper
119 100
91 62.3 31.9 95.9
134 25.9 13.9 41.7

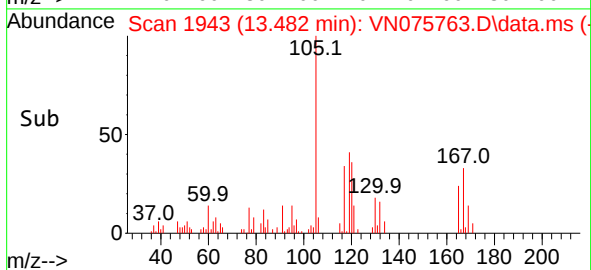
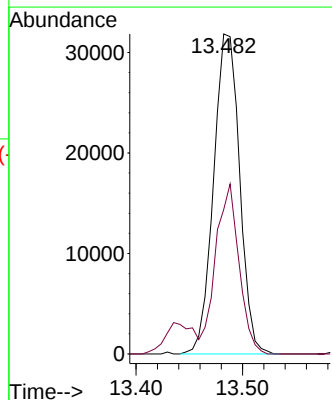
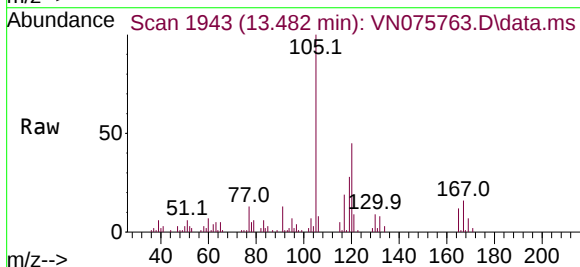
Manual Integrations
APPROVED

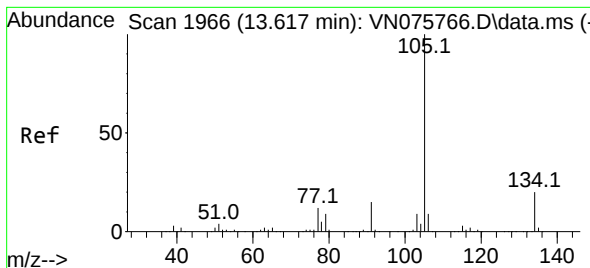
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 4.974 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Tgt Ion:105 Resp: 54023
Ion Ratio Lower Upper
105 100
120 47.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 4.982 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 6713

Ion Ratio Lower Upper

105 100

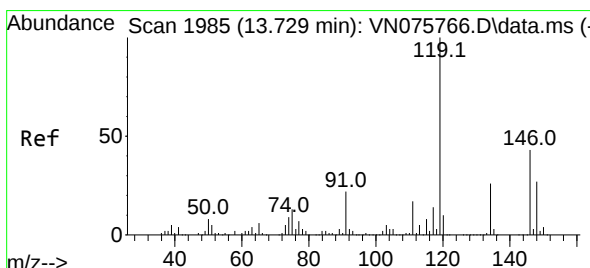
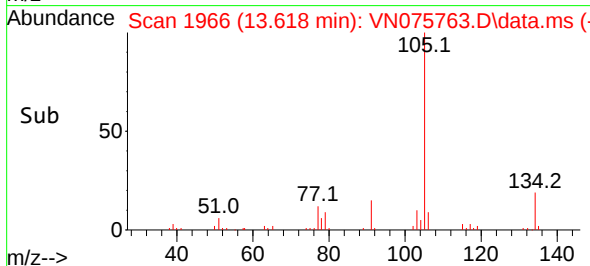
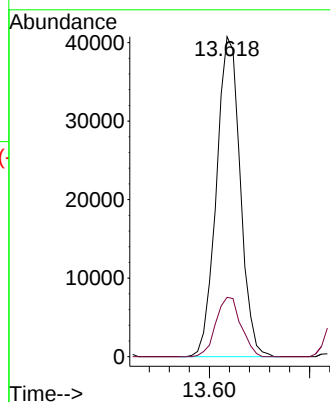
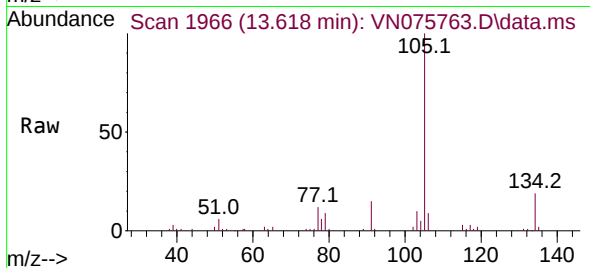
134 19.5 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#86

p-Isopropyltoluene

Concen: 4.719 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

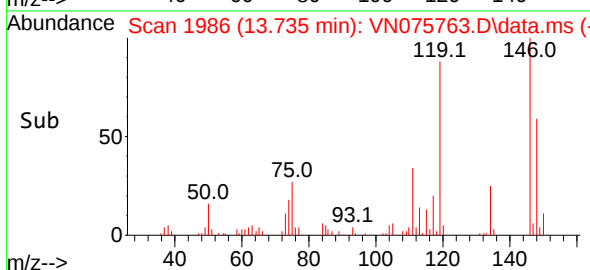
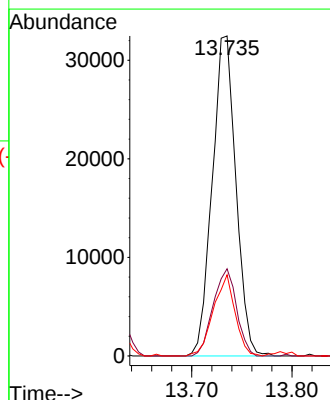
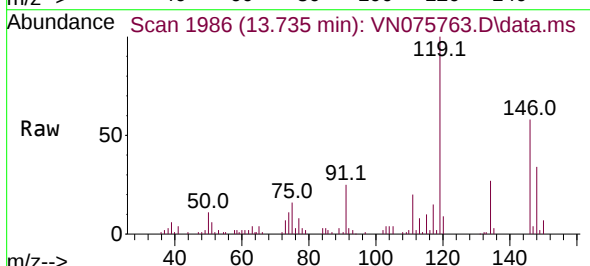
Tgt Ion:119 Resp: 53202

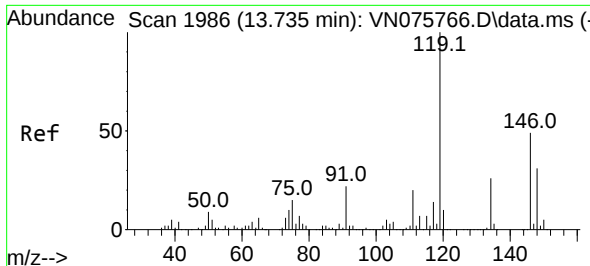
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

91 23.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 5.084 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 3090

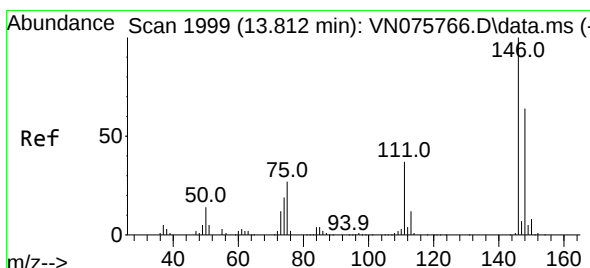
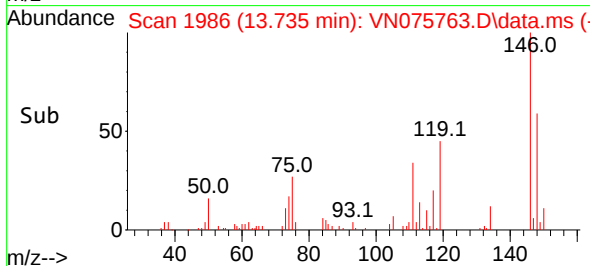
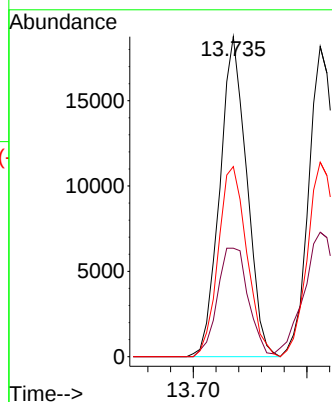
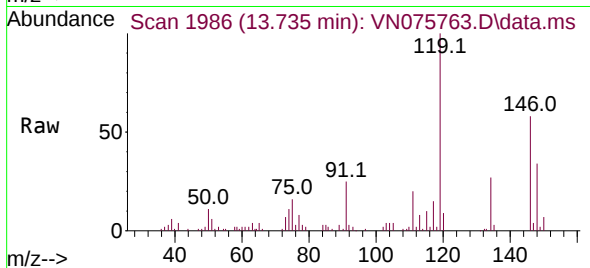
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	63.1	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#88

1,4-Dichlorobenzene

Concen: 4.948 ug/l

RT: 13.812 min Scan# 1999

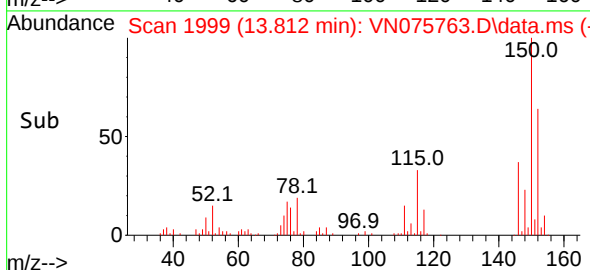
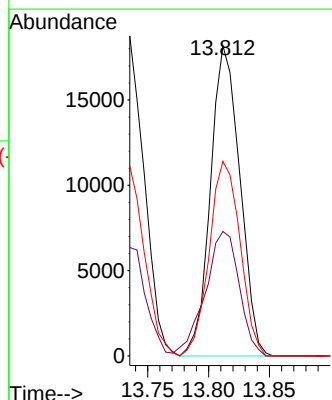
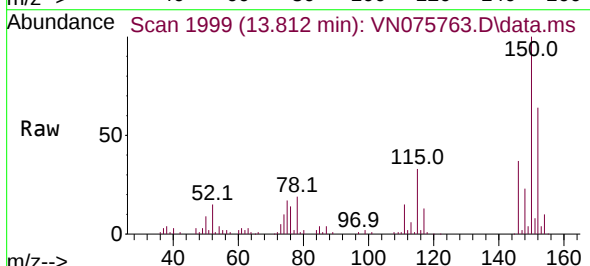
Delta R.T. -0.006 min

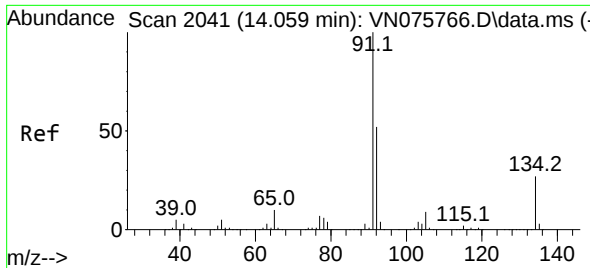
Lab File: VN075763.D

Acq: 14 Dec 2022 10:56

Tgt Ion:146 Resp: 30601

Ion	Ratio	Lower	Upper
146	100		
111	46.3	19.1	57.1
148	65.7	32.1	96.3





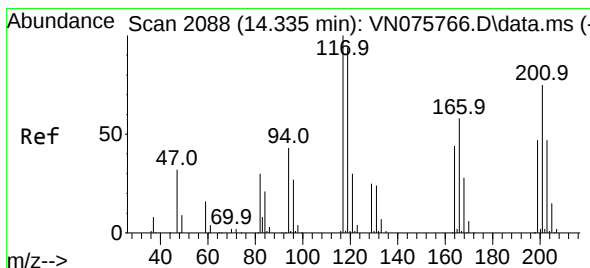
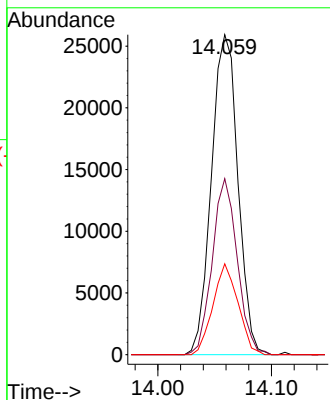
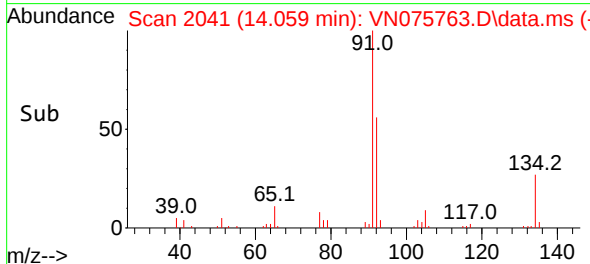
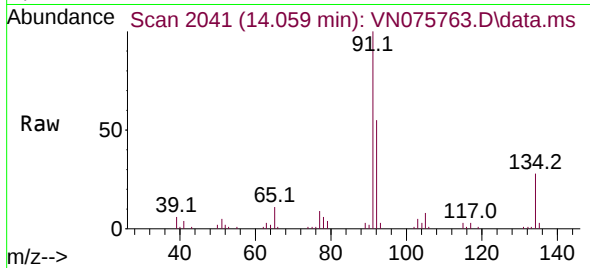
#89
n-Butylbenzene
Concen: 4.653 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 4204
Ion Ratio Lower Upper
91 100
92 51.9 26.7 80.1
134 26.9 13.9 41.7

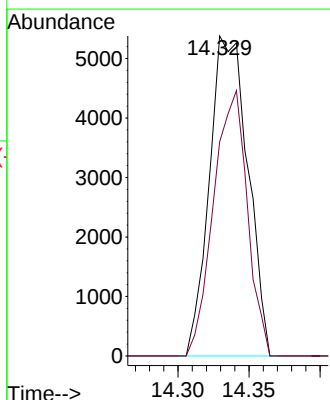
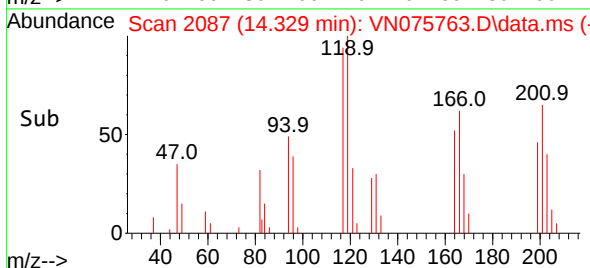
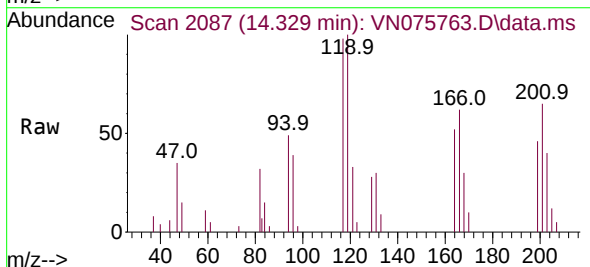
Manual Integrations
APPROVED

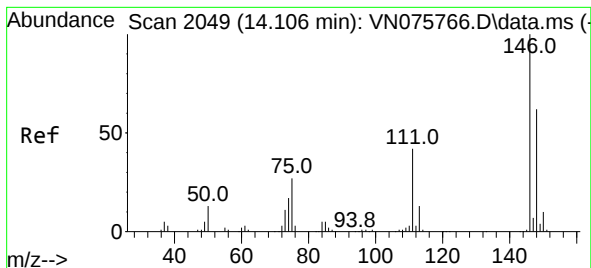
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#90
Hexachloroethane
Concen: 5.219 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

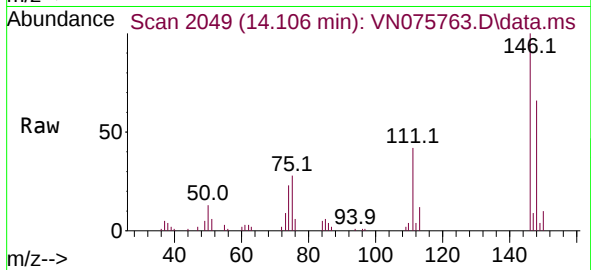
Tgt Ion:117 Resp: 10079
Ion Ratio Lower Upper
117 100
201 73.0 39.2 117.6





#91
1,2-Dichlorobenzene
Concen: 5.194 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

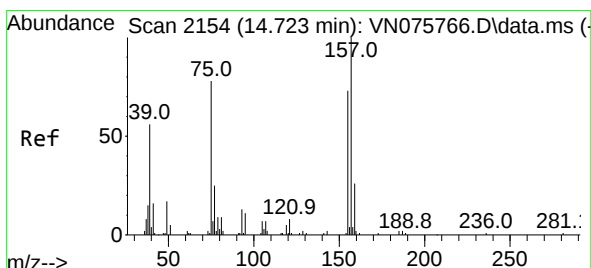
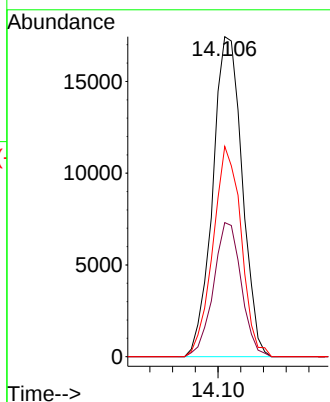
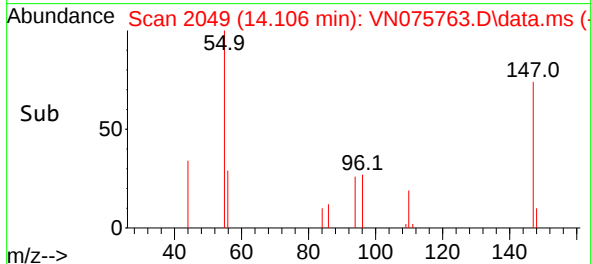
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



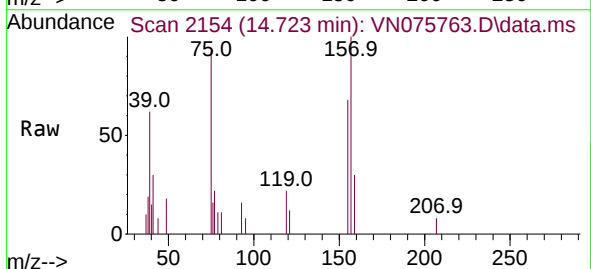
Tgt Ion:146 Resp: 3142
Ion Ratio Lower Upper
146 100
111 39.5 20.1 60.3
148 62.8 31.9 95.5

Manual Integrations
APPROVED

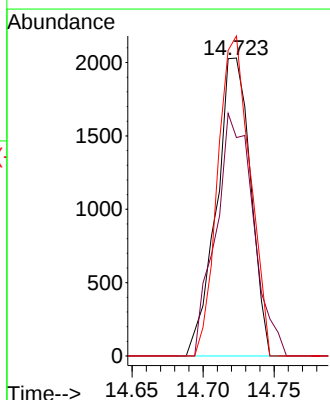
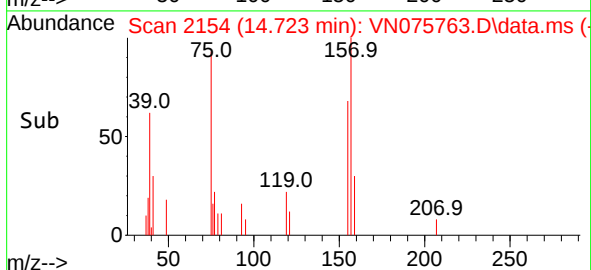
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

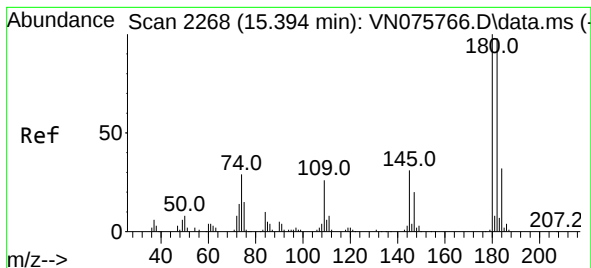


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.303 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56



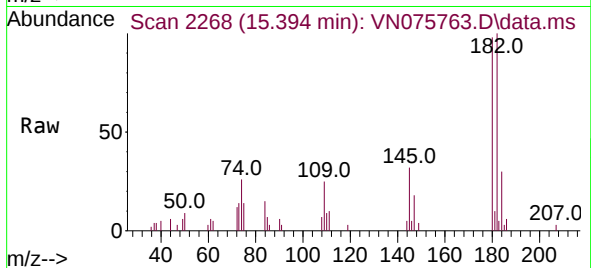
Tgt Ion: 75 Resp: 3384
Ion Ratio Lower Upper
75 100
155 89.6 48.4 145.2
157 101.9 63.5 190.6





#93
1,2,4-Trichlorobenzene
Concen: 4.402 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

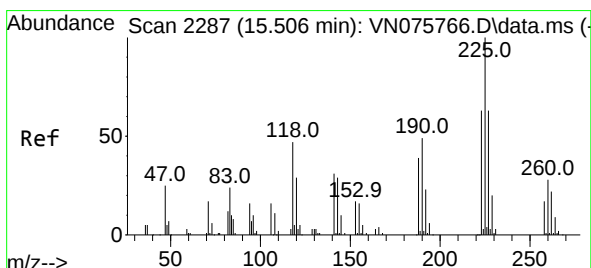
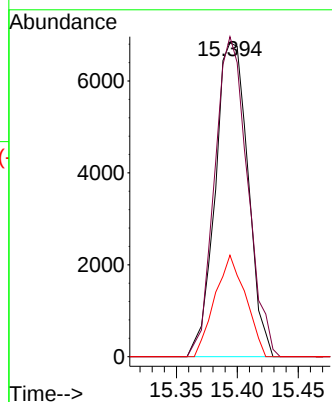
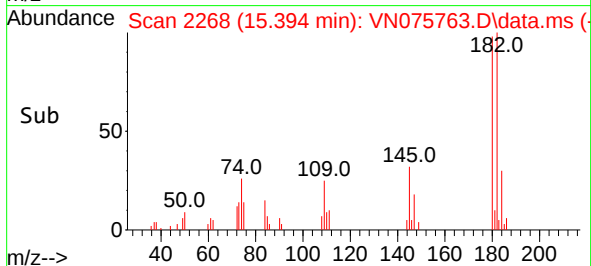
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



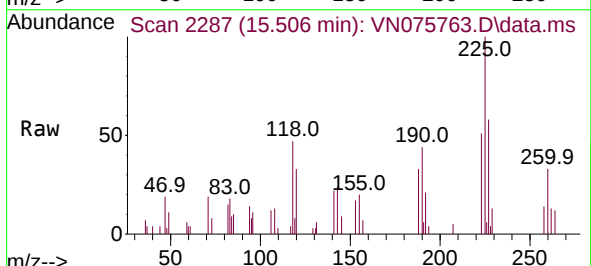
Tgt Ion:180 Resp: 12784
Ion Ratio Lower Upper
180 100
182 102.1 47.1 141.3
145 30.4 15.2 45.5

Manual Integrations
APPROVED

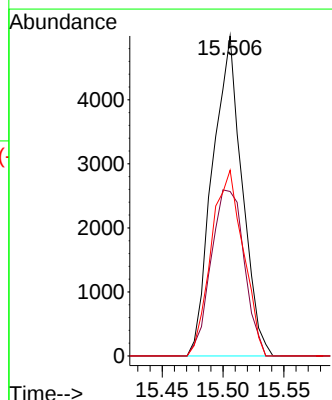
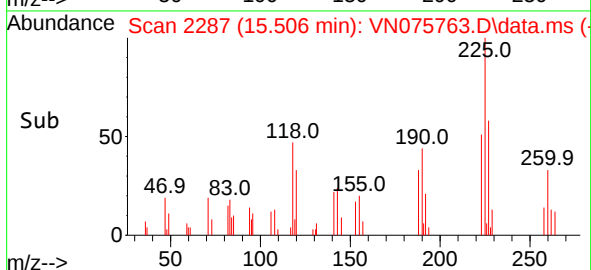
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#94
Hexachlorobutadiene
Concen: 5.132 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56



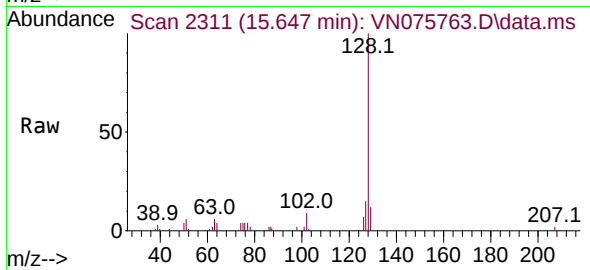
Tgt Ion:225 Resp: 8457
Ion Ratio Lower Upper
225 100
223 58.0 31.4 94.2
227 62.6 31.3 93.9





#95
Naphthalene
Concen: 3.915 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56

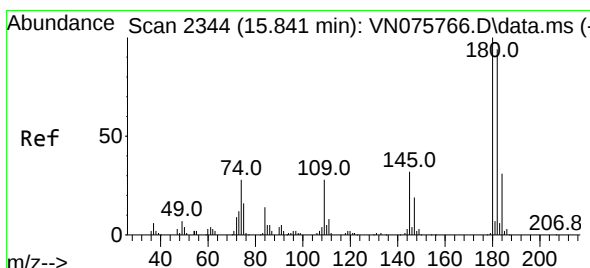
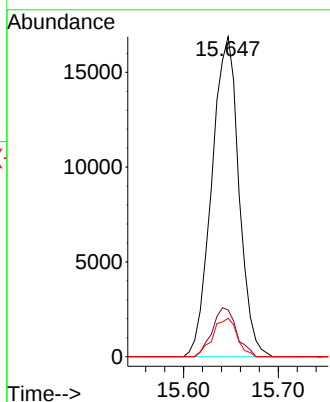
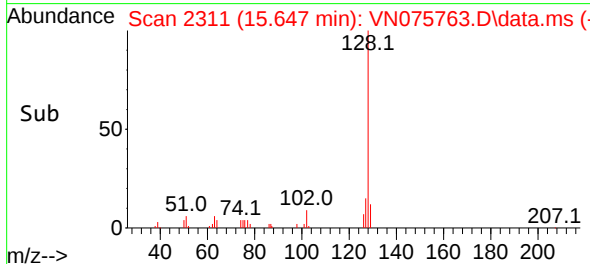
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



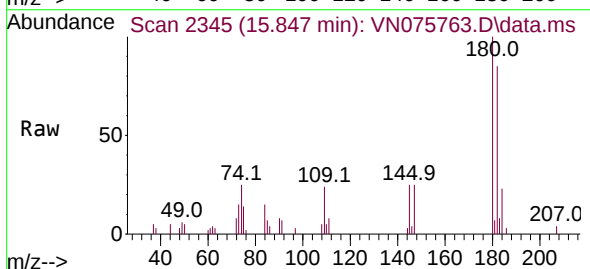
Tgt Ion:128 Resp: 33600
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.584 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075763.D
Acq: 14 Dec 2022 10:56



Tgt Ion:180 Resp: 13083
Ion Ratio Lower Upper
180 100
182 91.9 46.8 140.4
145 28.2 15.6 46.8

