

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076625.D
 Acq On : 13 Feb 2023 12:15
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Quant Time: Feb 13 12:33:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 13 12:16:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	397397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	680388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	616403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	322187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	392115	83.598	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 167.200%#			
35) Dibromofluoromethane	8.172	113	326473	77.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 154.380%#			
50) Toluene-d8	10.566	98	1270127	79.824	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 159.640%#			
62) 4-Bromofluorobenzene	12.848	95	438888	78.295	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 156.600%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	330984	80.172	ug/l	97
3) Chloromethane	2.378	50	368553	97.137	ug/l	98
4) Vinyl Chloride	2.525	62	381783	109.585	ug/l	97
5) Bromomethane	2.943	94	212533	82.225	ug/l	98
6) Chloroethane	3.113	64	242383	115.021	ug/l	96
7) Trichlorofluoromethane	3.507	101	522271	76.057	ug/l	100
8) Diethyl Ether	3.966	74	209043	80.394	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.384	101	299228	70.340	ug/l	96
10) Methyl Iodide	4.596	142	467045	75.063	ug/l	99
11) Tert butyl alcohol	5.537	59	272485	446.009	ug/l	100
12) 1,1-Dichloroethene	4.354	96	299602	75.389	ug/l	93
13) Acrolein	4.190	56	396666	486.014	ug/l	97
14) Allyl chloride	5.031	41	524790	101.394	ug/l #	89
15) Acrylonitrile	5.731	53	942872	514.295	ug/l	99
16) Acetone	4.437	43	765707	495.155	ug/l	89
17) Carbon Disulfide	4.719	76	801924	77.893	ug/l	98
18) Methyl Acetate	5.031	43	593735	121.349	ug/l #	85
19) Methyl tert-butyl Ether	5.807	73	1066596	80.700	ug/l	100
20) Methylene Chloride	5.278	84	352224	73.885	ug/l #	82
21) trans-1,2-Dichloroethene	5.795	96	326745	75.645	ug/l	93
22) Diisopropyl ether	6.678	45	1251471	106.686	ug/l #	91
23) Vinyl Acetate	6.613	43	4143486	564.524	ug/l #	90
24) 1,1-Dichloroethane	6.578	63	638968	84.827	ug/l	98
25) 2-Butanone	7.489	43	1286681	578.851	ug/l #	87
26) 2,2-Dichloropropane	7.495	77	490841	78.062	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	390912	77.388	ug/l	93
28) Bromochloromethane	7.819	49	315046	104.384	ug/l #	78
29) Tetrahydrofuran	7.842	42	866082	606.250	ug/l #	81
30) Chloroform	7.972	83	637755	78.047	ug/l	95
31) Cyclohexane	8.260	56	591801	79.827	ug/l	87
32) 1,1,1-Trichloroethane	8.172	97	556606	76.017	ug/l	95
36) 1,1-Dichloropropene	8.378	75	474716	78.611	ug/l	99
37) Ethyl Acetate	7.566	43	512603	113.301	ug/l #	94
38) Carbon Tetrachloride	8.366	117	493347	75.984	ug/l	98
39) Methylcyclohexane	9.601	83	578836	77.183	ug/l	93
40) Benzene	8.613	78	1452186	79.331	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	308334	120.363	ug/l #	86
42) 1,2-Dichloroethane	8.678	62	486193	81.577	ug/l	97
43) Isopropyl Acetate	8.695	43	886776	117.792	ug/l #	89
44) Trichloroethene	9.354	130	366289	74.932	ug/l	98
45) 1,2-Dichloropropane	9.625	63	381418	86.754	ug/l	94
46) Dibromomethane	9.713	93	252036	79.468	ug/l	97
47) Bromodichloromethane	9.889	83	507447	79.566	ug/l	100
48) Methyl methacrylate	9.683	41	409635	110.640	ug/l #	83
49) 1,4-Dioxane	9.695	88	138723	1751.521	ug/l #	94
51) 4-Methyl-2-Pentanone	10.448	43	2714933	600.041	ug/l #	86
52) Toluene	10.630	92	922252	78.067	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	551163	89.442	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	604745	86.059	ug/l #	87
55) 1,1,2-Trichloroethane	11.019	97	366016	79.105	ug/l	98
56) Ethyl methacrylate	10.878	69	573702	92.644	ug/l #	73
57) 1,3-Dichloropropane	11.166	76	611977	81.711	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	1319724	745.752	ug/l	92
59) 2-Hexanone	11.195	43	1975569	612.454	ug/l	84
60) Dibromochloromethane	11.360	129	401483	82.336	ug/l	100
61) 1,2-Dibromoethane	11.472	107	371741	81.165	ug/l	99
64) Tetrachloroethene	11.107	164	294366	57.351	ug/l	99
65) Chlorobenzene	11.895	112	989984	77.663	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	366424	77.624	ug/l	98
67) Ethyl Benzene	11.966	91	1764729	77.900	ug/l	98
68) m/p-Xylenes	12.072	106	1373242	155.586	ug/l	98
69) o-Xylene	12.401	106	675934	78.205	ug/l	98
70) Styrene	12.413	104	1140877	82.994	ug/l	100
71) Bromoform	12.577	173	293328	89.022	ug/l #	99
73) Isopropylbenzene	12.695	105	1780839	67.491	ug/l	98
74) N-amyl acetate	12.495	43	826119	112.269	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.942	83	555013	76.739	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	465120m	77.375	ug/l	
77) Bromobenzene	12.983	156	423281	68.966	ug/l	99
78) n-propylbenzene	13.036	91	2098652	72.232	ug/l	99
79) 2-Chlorotoluene	13.130	91	1221918	66.021	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	1491890	68.125	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.736	75	179881	91.887	ug/l	94
82) 4-Chlorotoluene	13.130	91	1221918	66.021	ug/l	97
83) tert-Butylbenzene	13.442	119	1309013	66.735	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	1491100	68.419	ug/l	96
85) sec-Butylbenzene	13.618	105	1920989	72.625	ug/l	98
86) p-Isopropyltoluene	13.730	119	1596356	73.645	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	810259	71.728	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	812059	70.770	ug/l	99
89) n-Butylbenzene	14.060	91	1417978	82.611	ug/l	98
90) Hexachloroethane	14.336	117	292997	77.600	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	818257	73.471	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	110655	88.402	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	479974	94.052	ug/l	98
94) Hexachlorobutadiene	15.507	225	211182	73.593	ug/l	99
95) Naphthalene	15.642	128	1528362	102.942	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	460001	94.123	ug/l	99

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

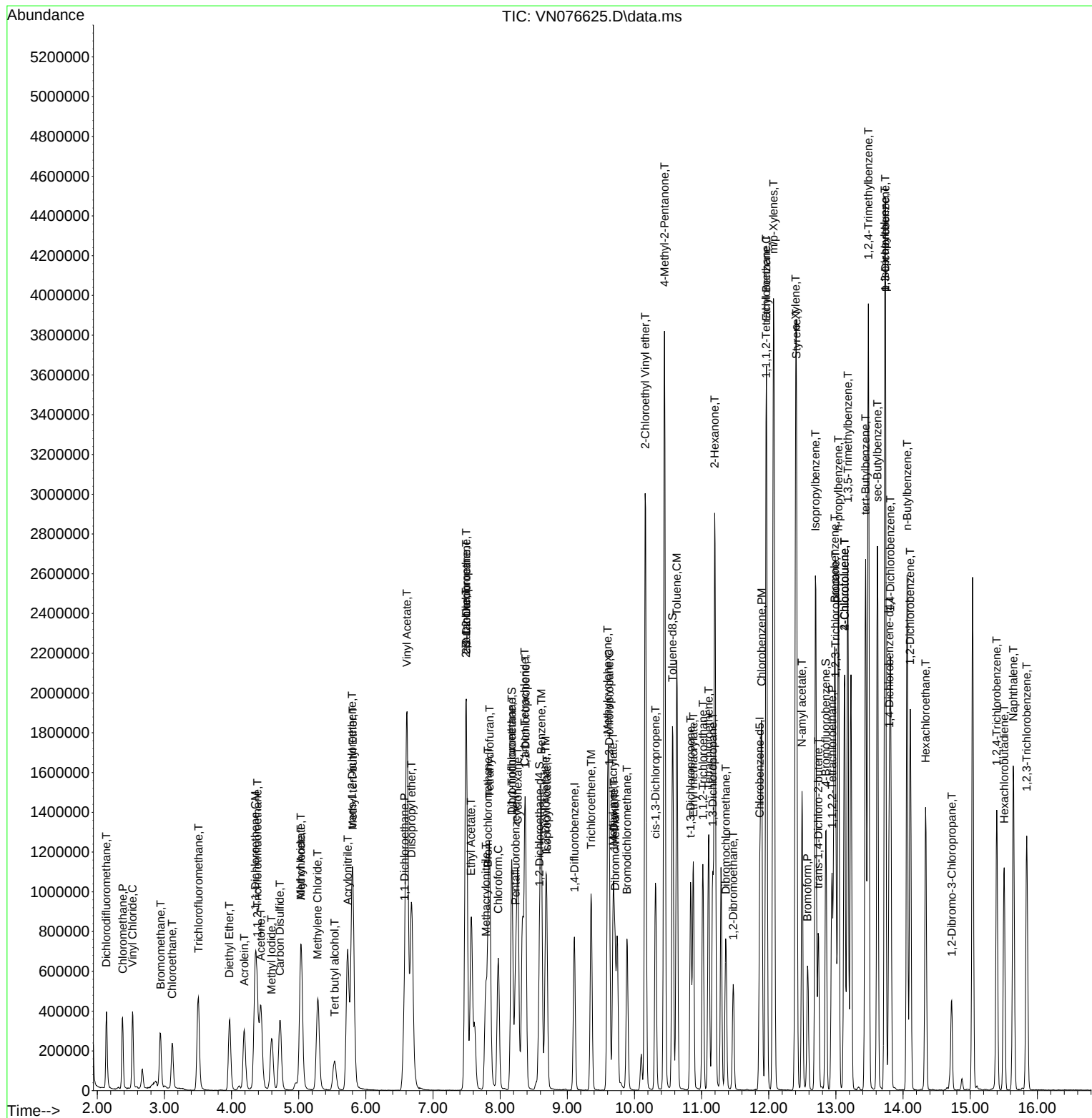
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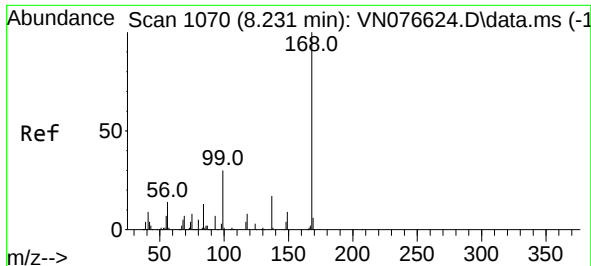
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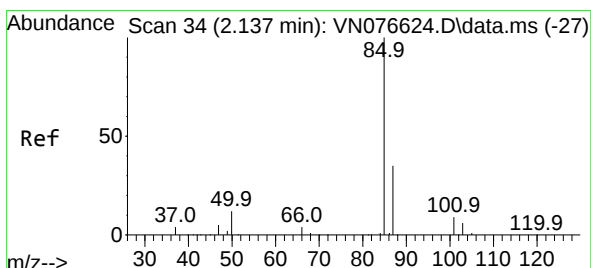
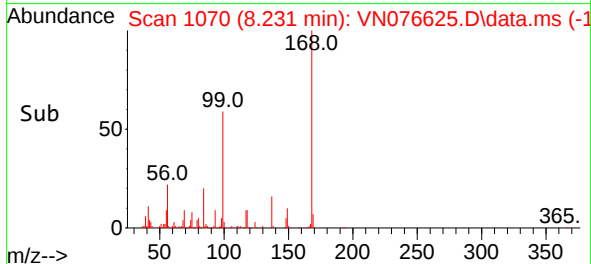
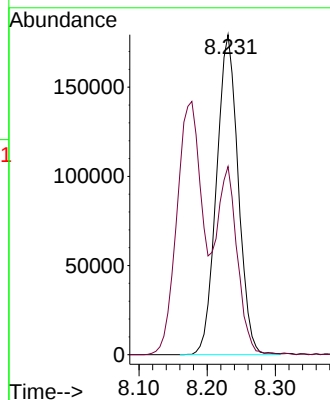
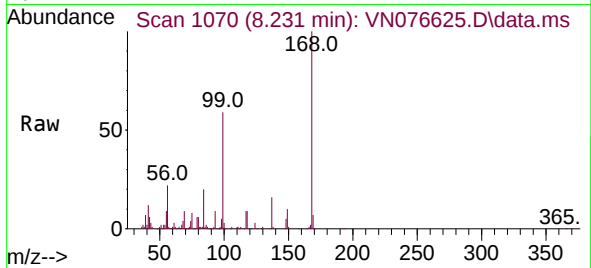
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. 0.001 min
Lab File: VN076625.D
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MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:168 Resp: 397397
Ion Ratio Lower Upper
168 100
99 58.5 47.8 71.8

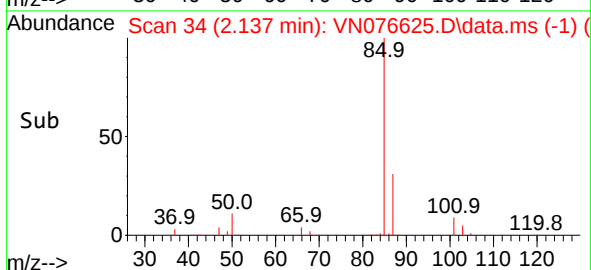
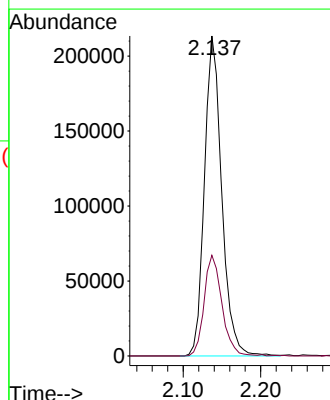
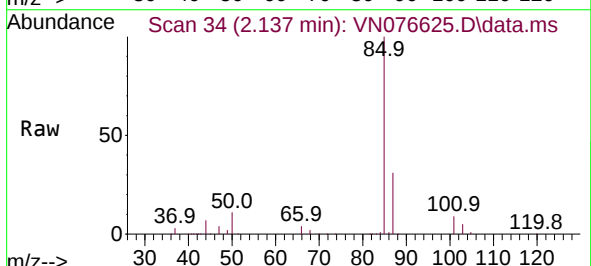
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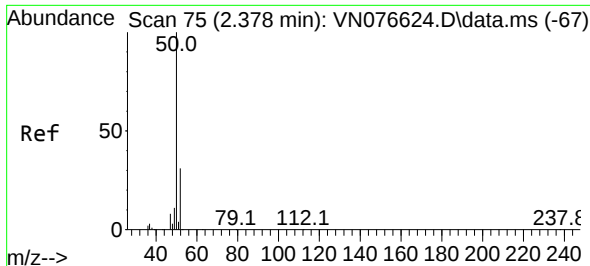
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#2
Dichlorodifluoromethane
Concen: 80.172 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

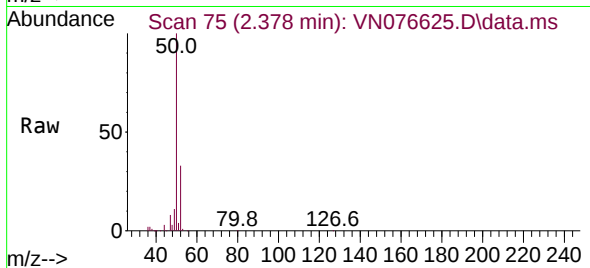
Tgt Ion: 85 Resp: 330984
Ion Ratio Lower Upper
85 100
87 31.5 16.6 49.8





#3
Chloromethane
Concen: 97.137 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.007 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

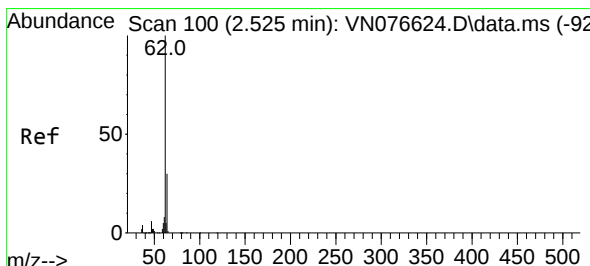
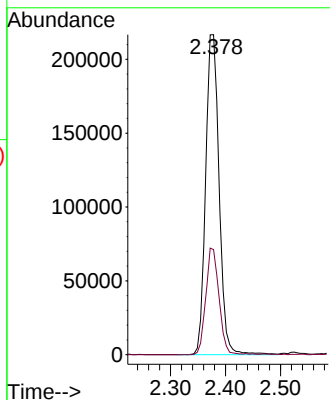
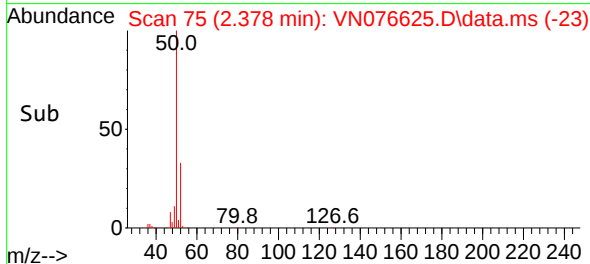
Instrument :
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ClientSampleId :
VSTDICC075



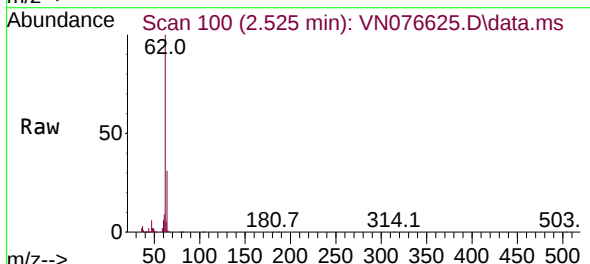
Tgt Ion: 50 Resp: 36855
Ion Ratio Lower Upper
50 100
52 32.8 27.0 40.4

Manual Integrations
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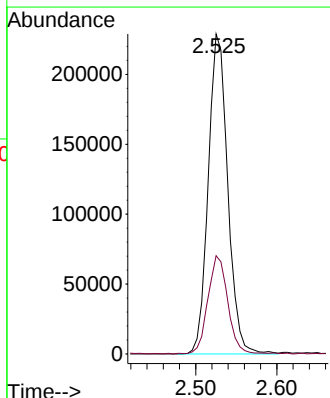
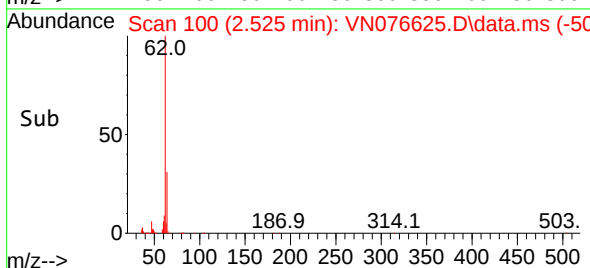
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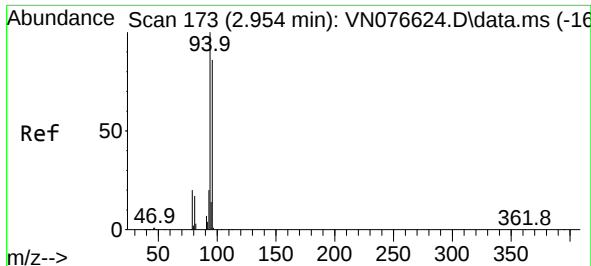


#4
Vinyl Chloride
Concen: 109.585 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15



Tgt Ion: 62 Resp: 381783
Ion Ratio Lower Upper
62 100
64 30.6 26.0 39.0





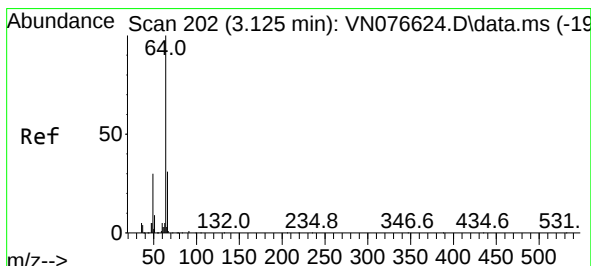
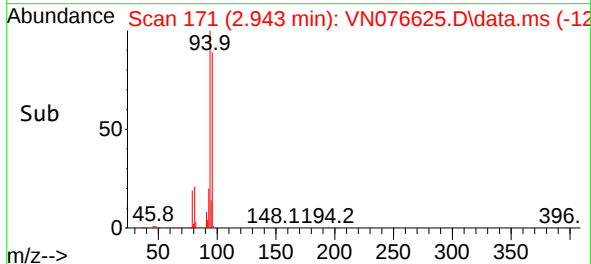
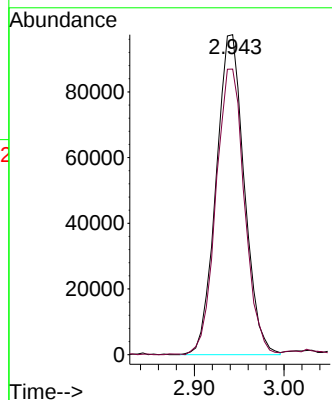
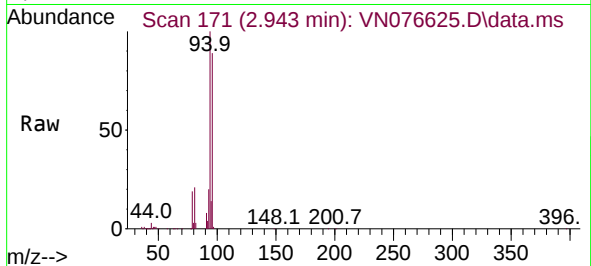
#5
Bromomethane
Concen: 82.225 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN076625.D
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Instrument :
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Tgt Ion: 94 Resp: 21253
Ion Ratio Lower Upper
94 100
96 89.1 72.7 109.1

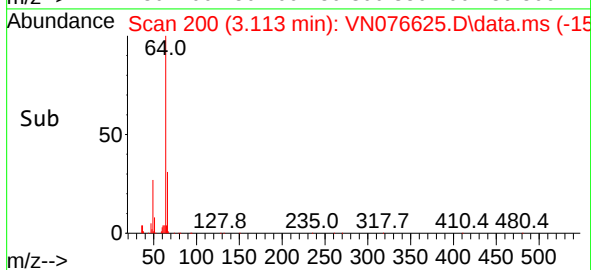
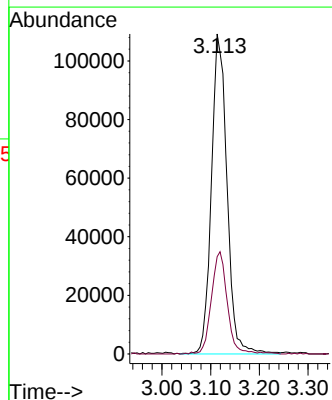
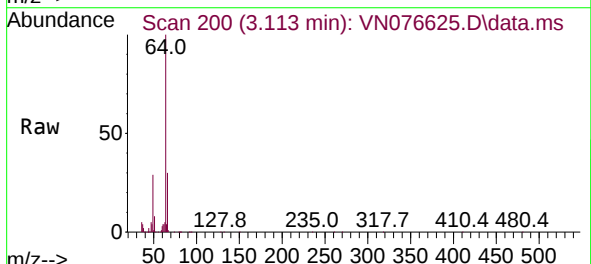
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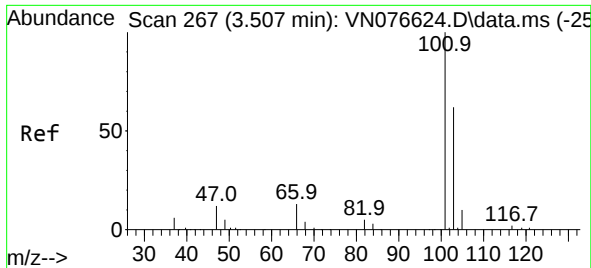
Reviewed By :John Carlone 02/14/2023
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#6
Chloroethane
Concen: 115.021 ug/l
RT: 3.113 min Scan# 200
Delta R.T. -0.011 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

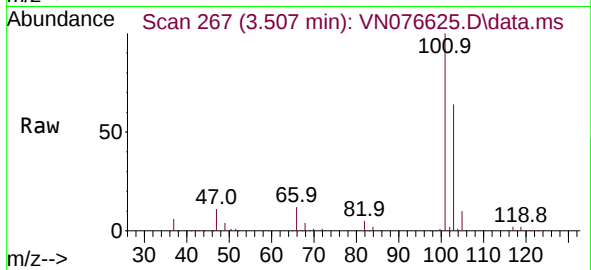
Tgt Ion: 64 Resp: 242383
Ion Ratio Lower Upper
64 100
66 30.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 76.057 ug/l
RT: 3.507 min Scan# 210
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

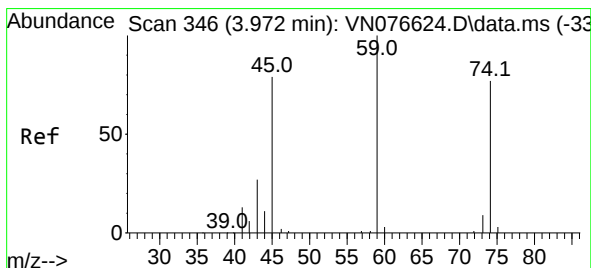
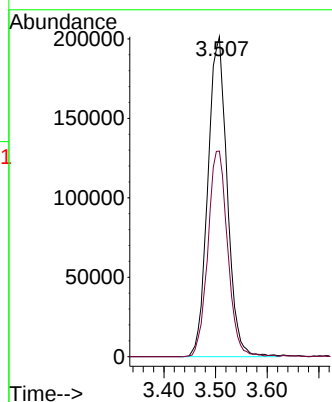
Instrument :
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ClientSampleId :
VSTDICC075



Tgt Ion:101 Resp: 52227
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9

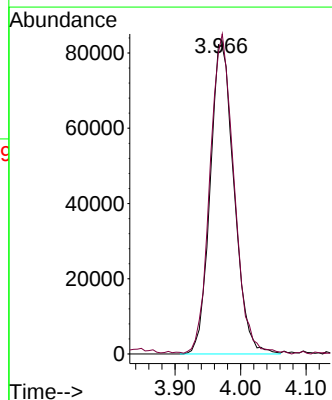
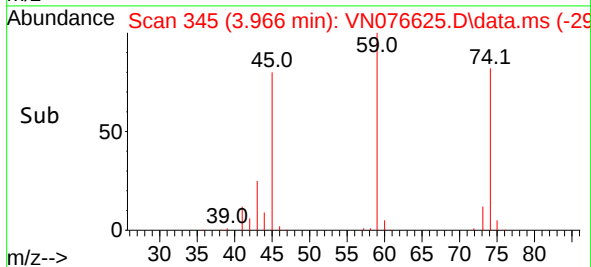
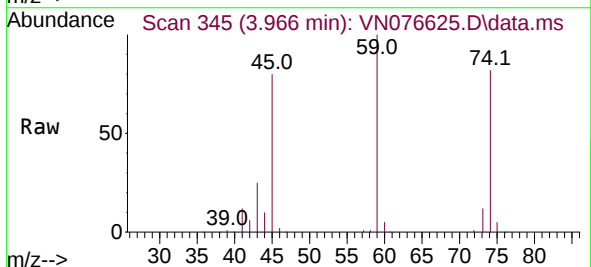
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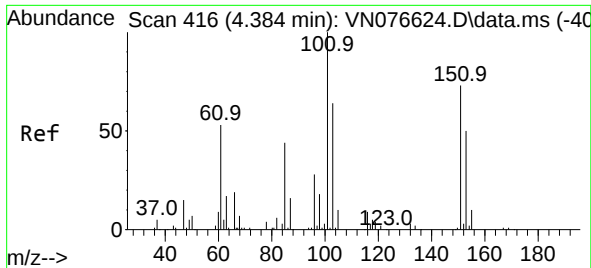
Reviewed By :John Carlone 02/14/2023
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#8
Diethyl Ether
Concen: 80.394 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.011 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Tgt Ion: 74 Resp: 209043
Ion Ratio Lower Upper
74 100
45 104.2 39.8 119.4





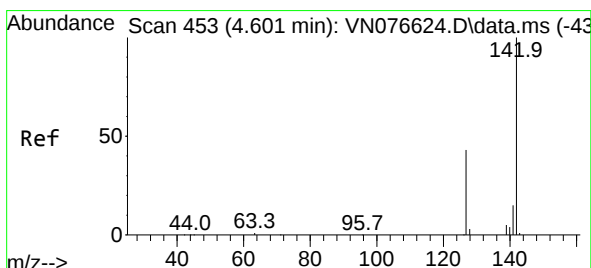
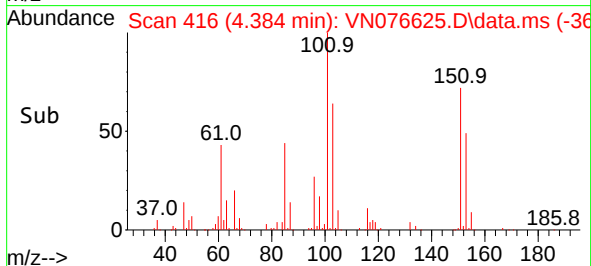
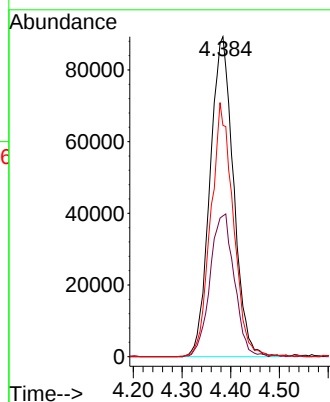
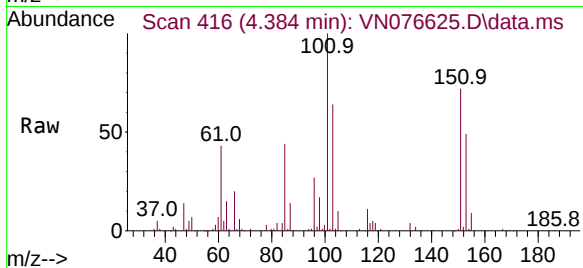
#9
1,1,2-Trichlorotrifluoroethane
Concen: 70.340 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 299228
Ion Ratio Lower Upper
101 100
85 46.0 33.9 50.9
151 75.9 62.5 93.7

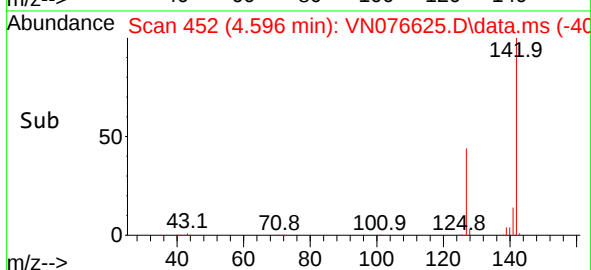
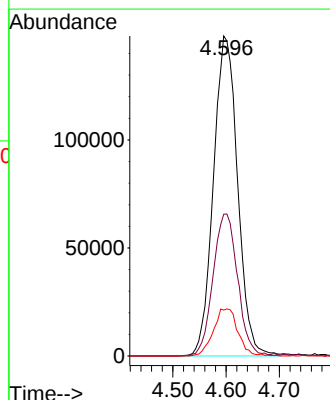
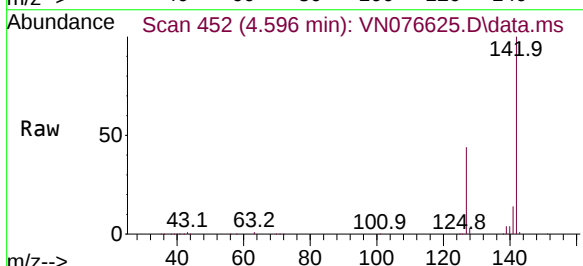
Manual Integrations
APPROVED

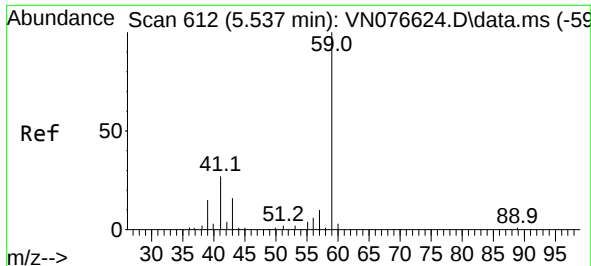
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#10
Methyl Iodide
Concen: 75.063 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

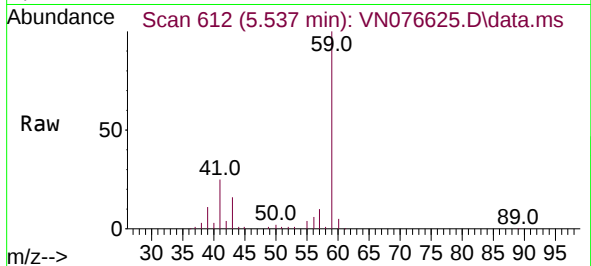
Tgt Ion:142 Resp: 467045
Ion Ratio Lower Upper
142 100
127 44.3 34.8 52.2
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 446.009 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

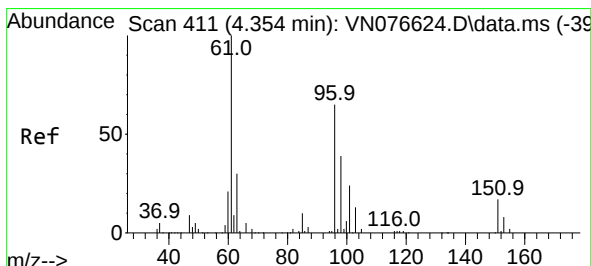
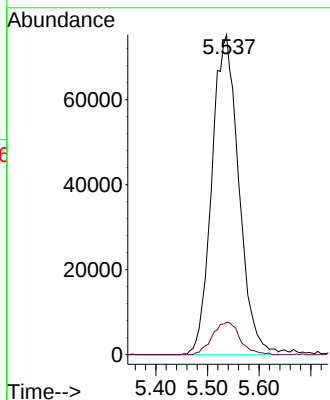
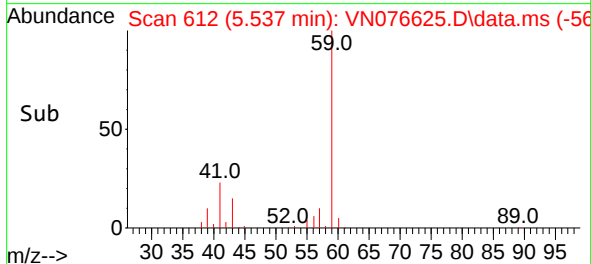
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 59 Resp: 272485
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

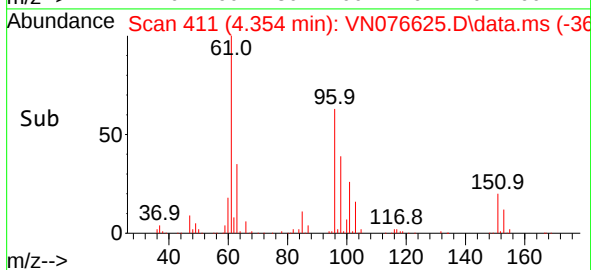
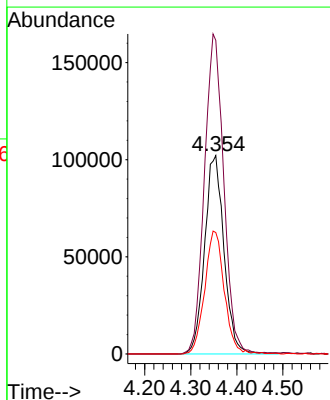
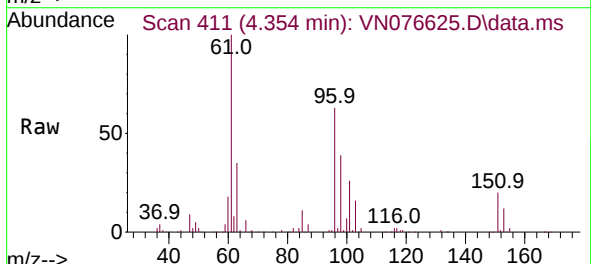
Manual Integrations
APPROVED

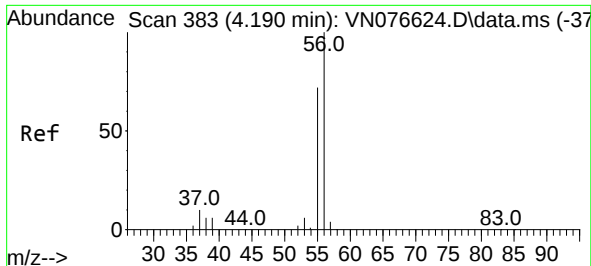
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#12
1,1-Dichloroethene
Concen: 75.389 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

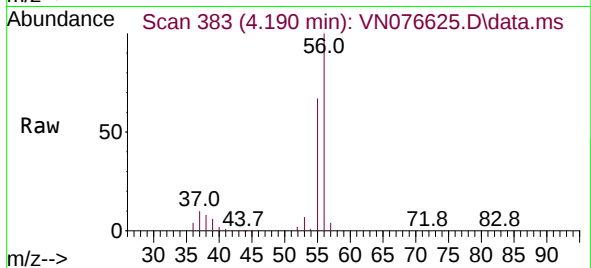
Tgt Ion: 96 Resp: 299602
Ion Ratio Lower Upper
96 100
61 158.1 118.3 177.5
98 61.2 50.7 76.1





#13
Acrolein
Concen: 486.014 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

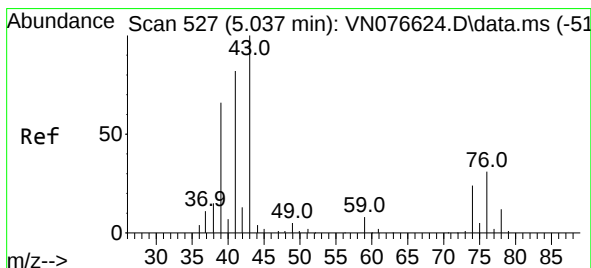
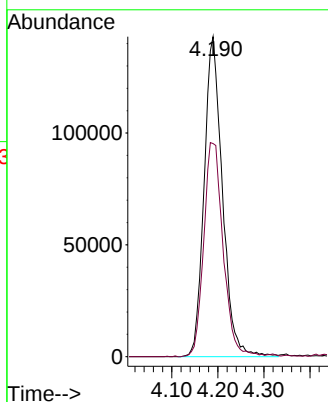
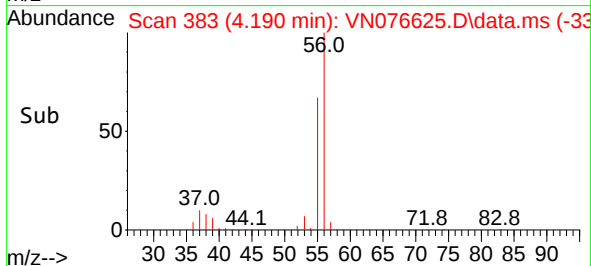
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



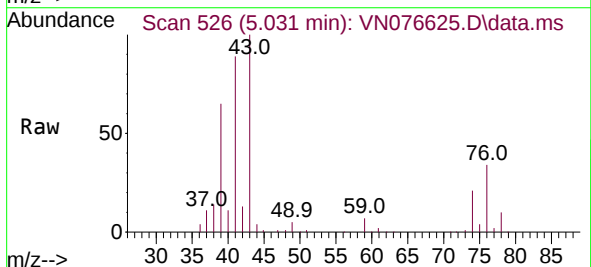
Tgt Ion: 56 Resp: 396660
Ion Ratio Lower Upper
56 100
55 70.7 54.7 82.1

Manual Integrations
APPROVED

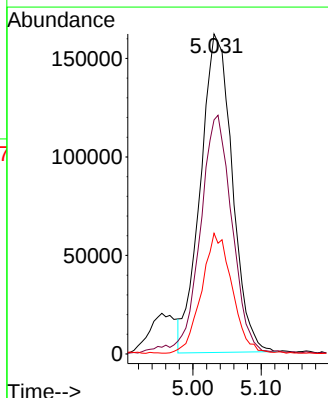
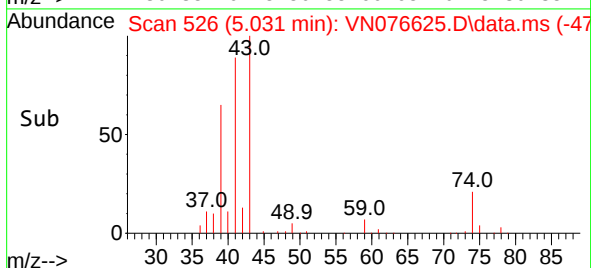
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

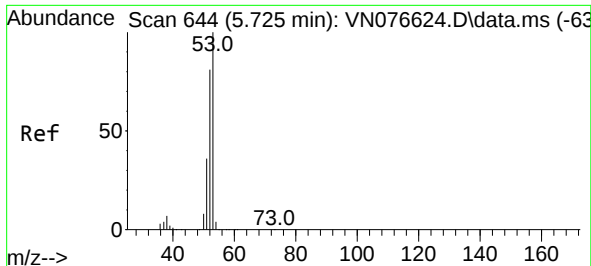


#14
Allyl chloride
Concen: 101.394 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.011 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15



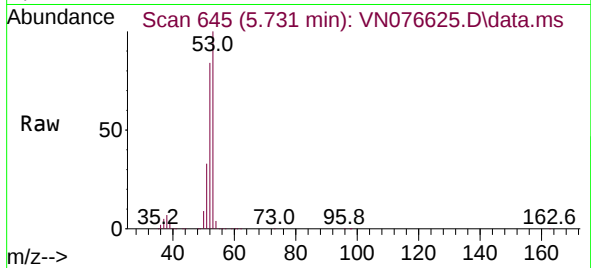
Tgt Ion: 41 Resp: 524790
Ion Ratio Lower Upper
41 100
39 76.5 55.8 83.6
76 35.9 36.8 55.2#





#15
Acrylonitrile
Concen: 514.295 ug/l
RT: 5.731 min Scan# 644
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

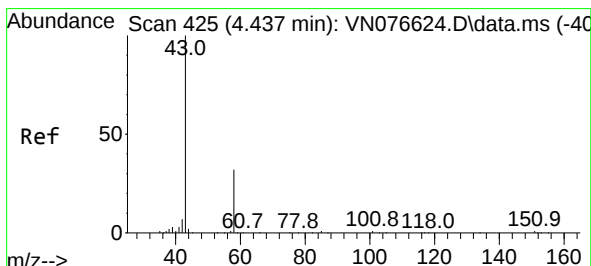
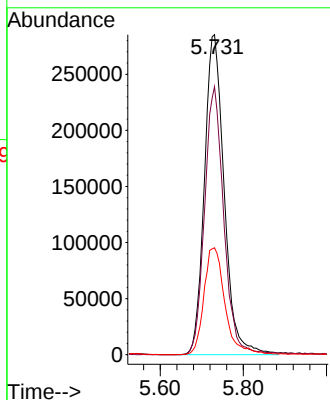
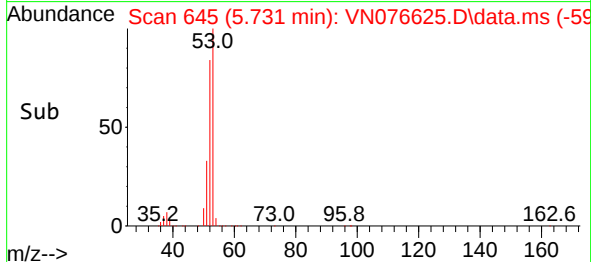
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 53 Resp: 942872
Ion Ratio Lower Upper
53 100
52 81.0 64.6 96.8
51 35.6 27.9 41.9

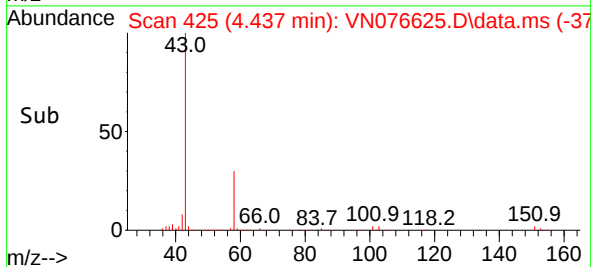
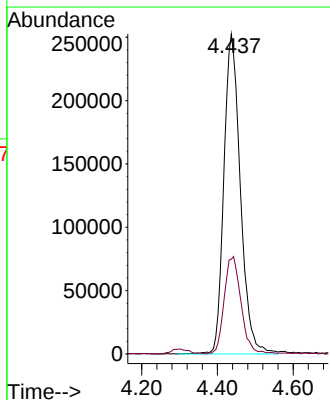
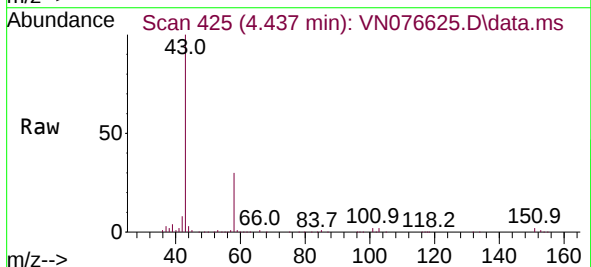
Manual Integrations
APPROVED

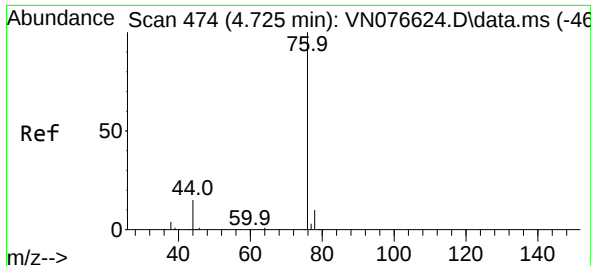
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#16
Acetone
Concen: 495.155 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Tgt Ion: 43 Resp: 765707
Ion Ratio Lower Upper
43 100
58 29.3 28.4 42.6





#17

Carbon Disulfide

Concen: 77.893 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.011 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 76 Resp: 801924

Ion Ratio Lower Upper

76 100

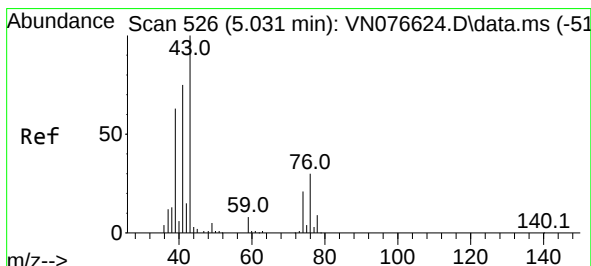
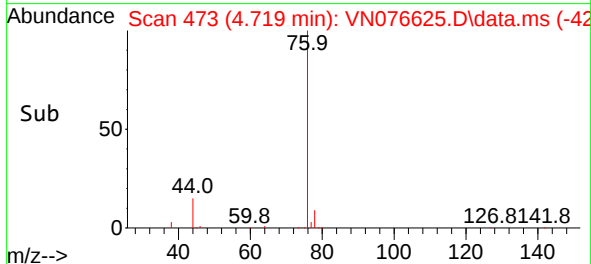
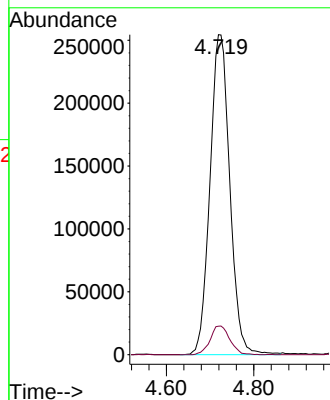
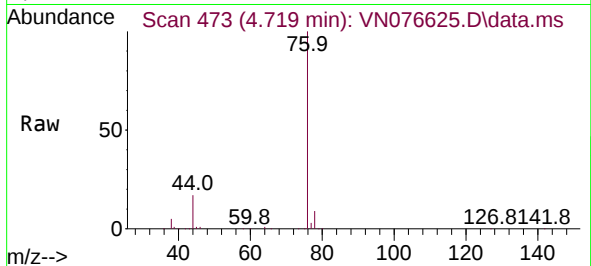
78 8.9 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#18

Methyl Acetate

Concen: 121.349 ug/l

RT: 5.031 min Scan# 526

Delta R.T. -0.011 min

Lab File: VN076625.D

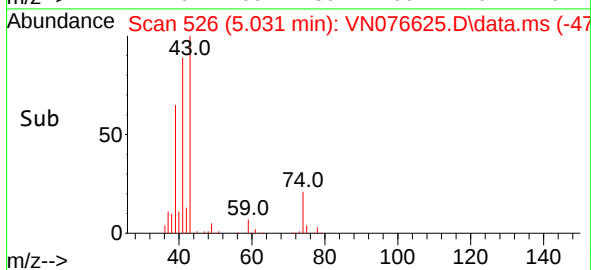
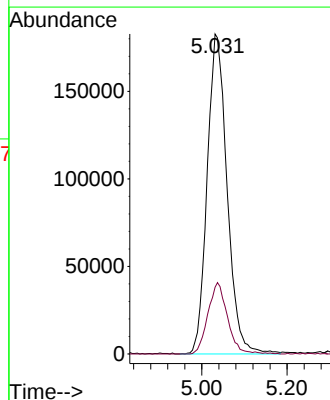
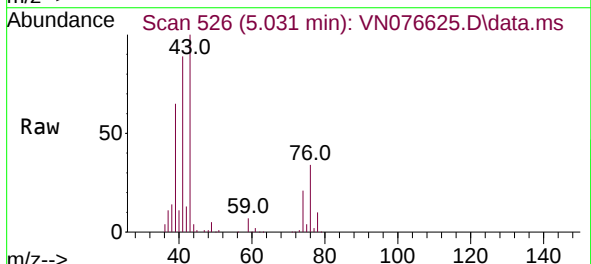
Acq: 13 Feb 2023 12:15

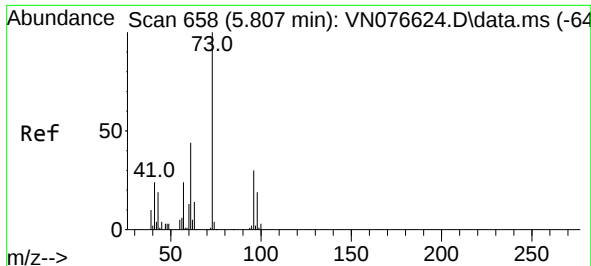
Tgt Ion: 43 Resp: 593735

Ion Ratio Lower Upper

43 100

74 21.8 23.9 35.9#





#19

Methyl tert-butyl Ether

Concen: 80.700 ug/l

RT: 5.807 min Scan# 61

Delta R.T. -0.005 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 73 Resp: 1066590

Ion Ratio Lower Upper

73 100

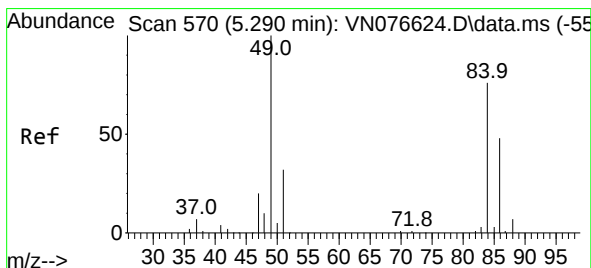
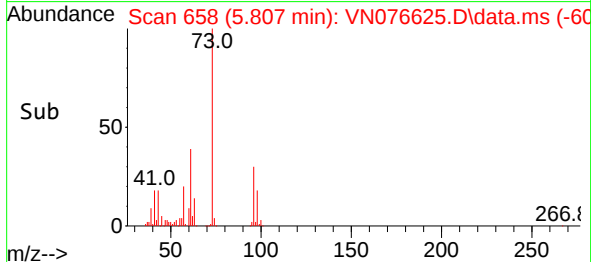
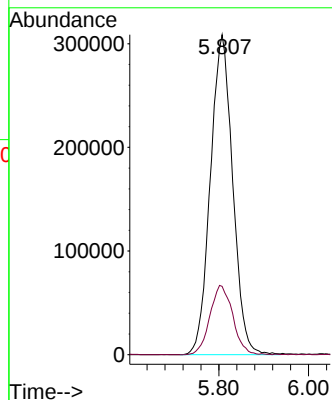
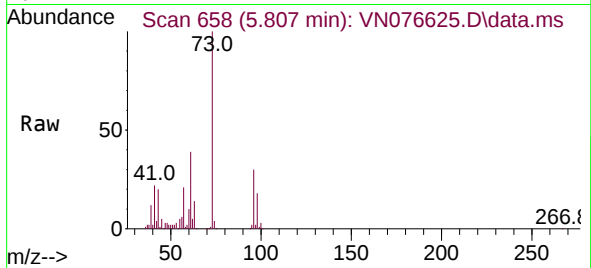
57 21.4 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#20

Methylene Chloride

Concen: 73.885 ug/l

RT: 5.278 min Scan# 568

Delta R.T. -0.011 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Tgt Ion: 84 Resp: 352224

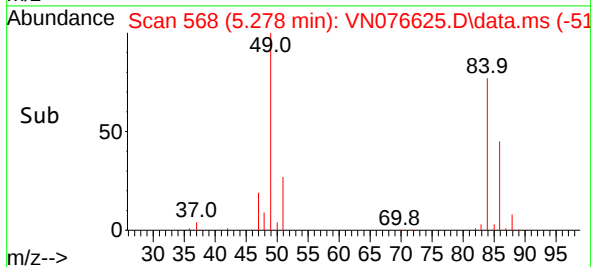
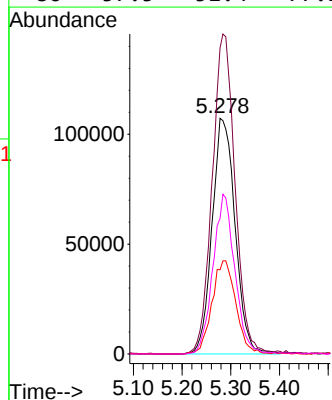
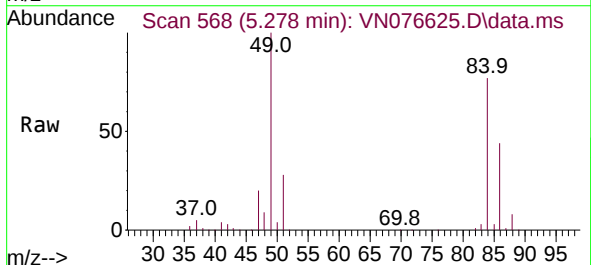
Ion Ratio Lower Upper

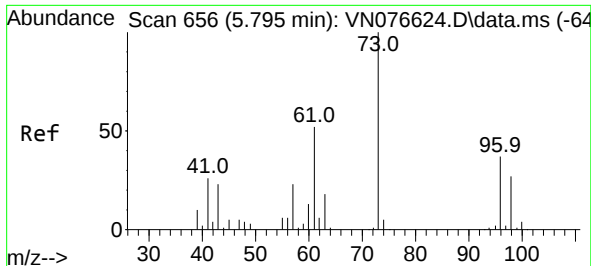
84 100

49 129.8 82.0 123.0#

51 35.7 26.0 39.0

86 57.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 75.645 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.005 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 96 Resp: 32674

Ion Ratio Lower Upper

96 100

61 135.1 98.9 148.3

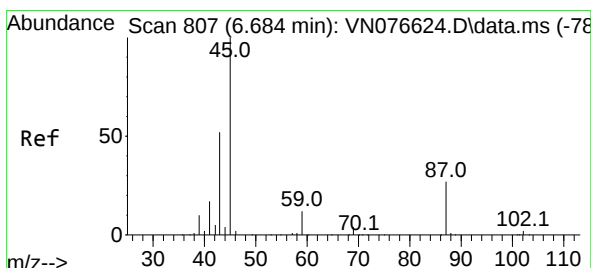
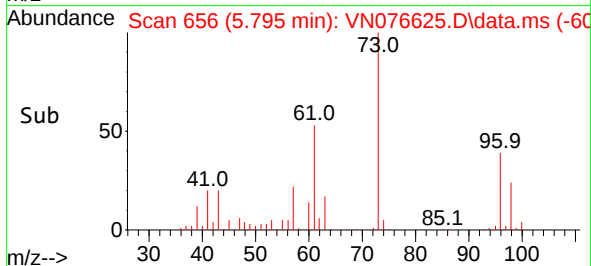
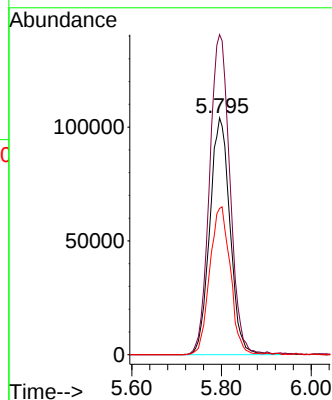
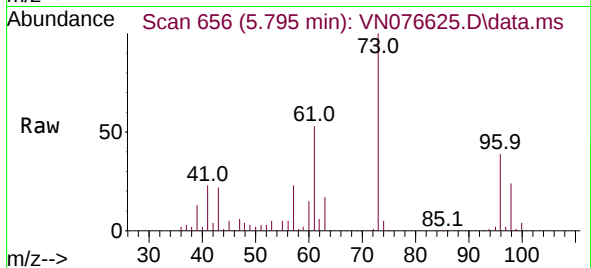
98 61.8 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#22

Diisopropyl ether

Concen: 106.686 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.005 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Tgt Ion: 45 Resp: 1251471

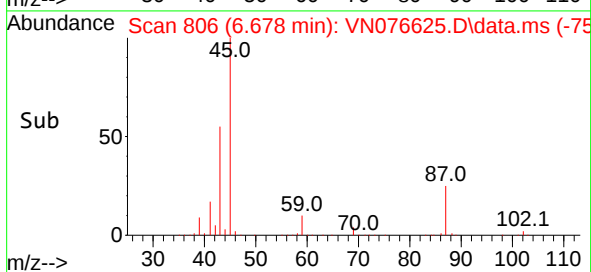
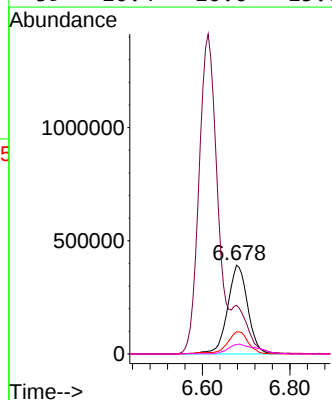
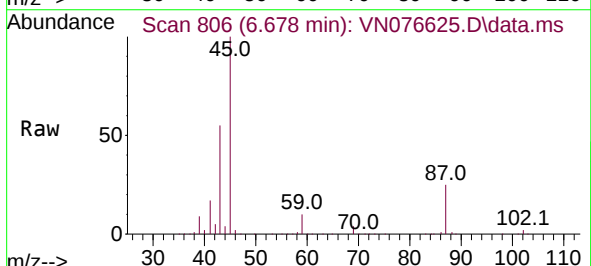
Ion Ratio Lower Upper

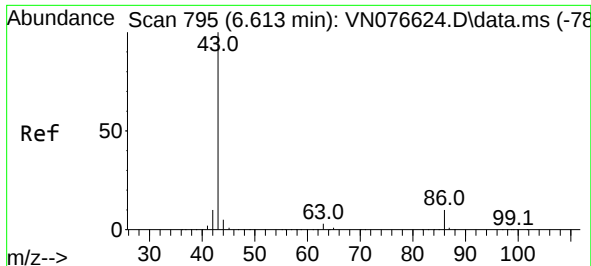
45 100

43 53.9 41.4 62.2

87 24.6 28.2 42.4#

59 10.4 10.0 15.0





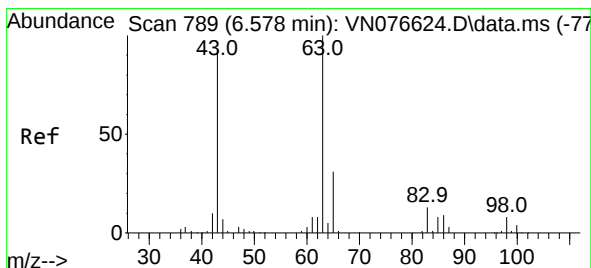
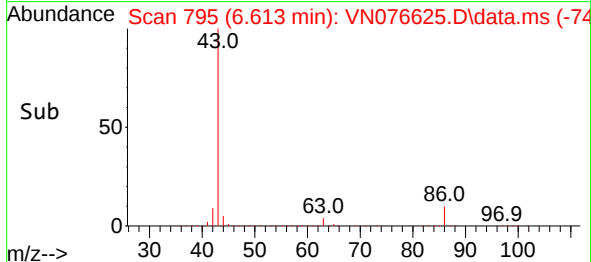
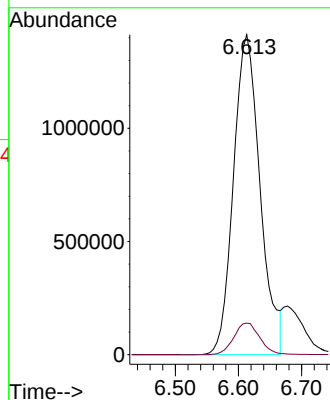
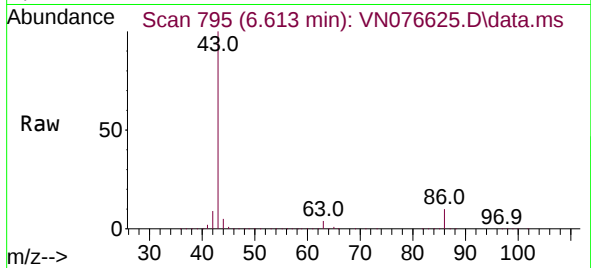
#23
 Vinyl Acetate
 Concen: 564.524 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.005 min
 Lab File: VN076625.D
 Acq: 13 Feb 2023 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Tgt Ion: 43 Resp: 414348
 Ion Ratio Lower Upper
 43 100
 86 9.8 11.3 16.9

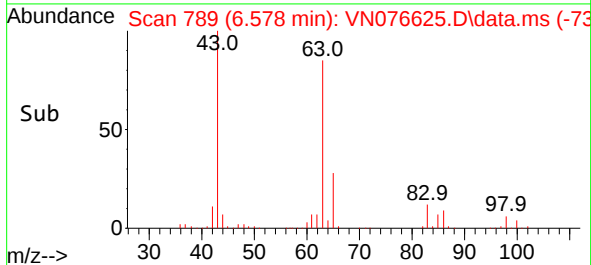
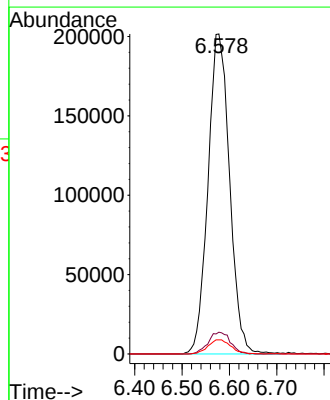
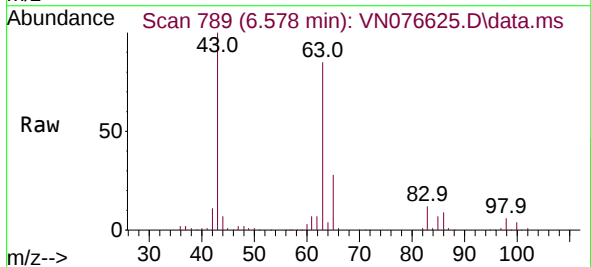
Manual Integrations
 APPROVED

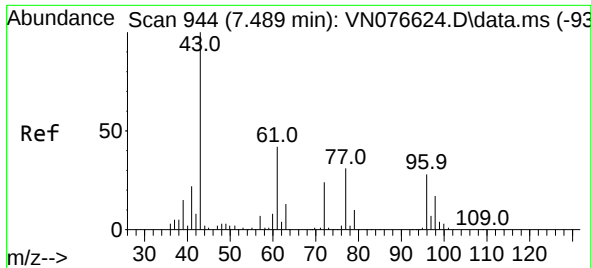
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#24
 1,1-Dichloroethane
 Concen: 84.827 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.005 min
 Lab File: VN076625.D
 Acq: 13 Feb 2023 12:15

Tgt Ion: 63 Resp: 638968
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.4 2.5 7.4





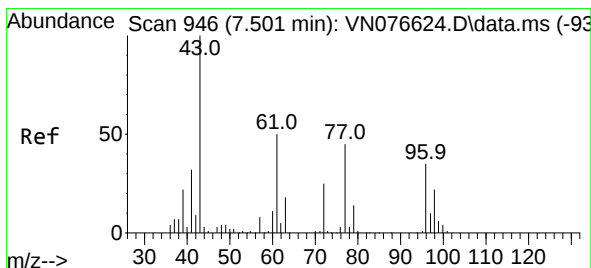
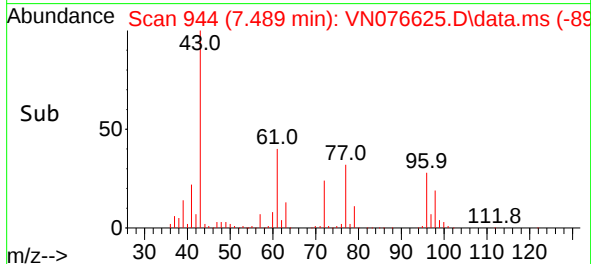
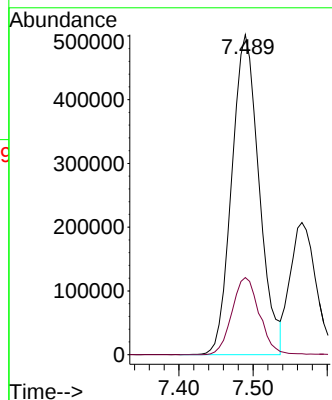
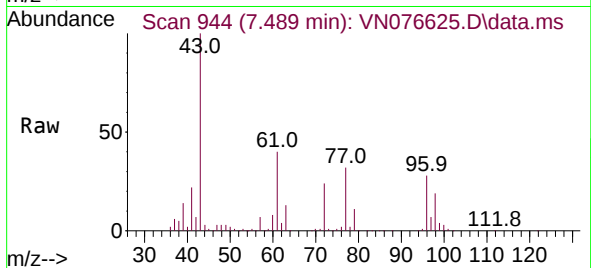
#25
2-Butanone
Concen: 578.851 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 128668
Ion Ratio Lower Upper
43 100
72 24.1 25.1 37.7

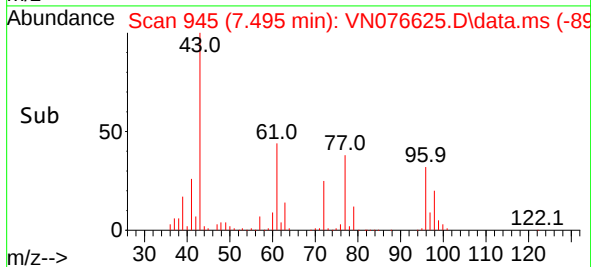
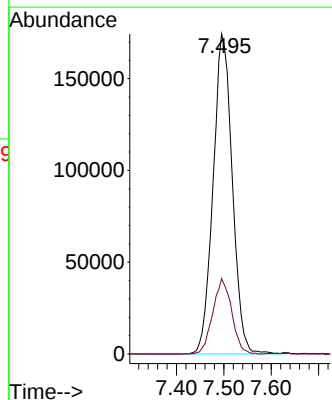
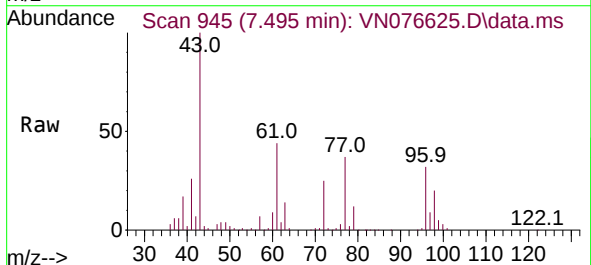
Manual Integrations
APPROVED

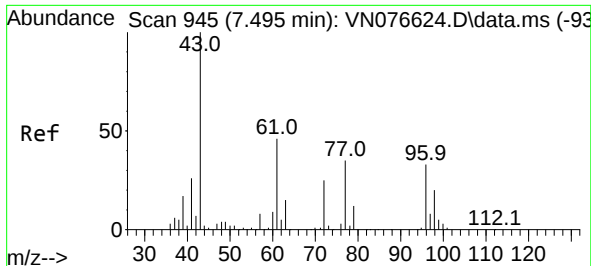
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#26
2,2-Dichloropropane
Concen: 78.062 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

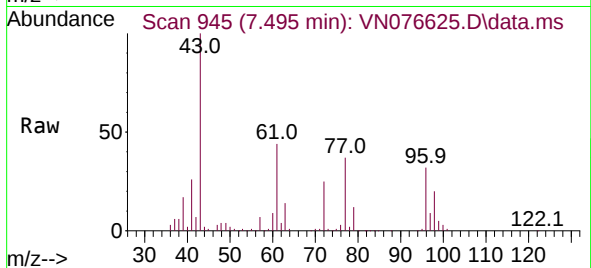
Tgt Ion: 77 Resp: 490841
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 77.388 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.001 min
 Lab File: VN076625.D
 Acq: 13 Feb 2023 12:15

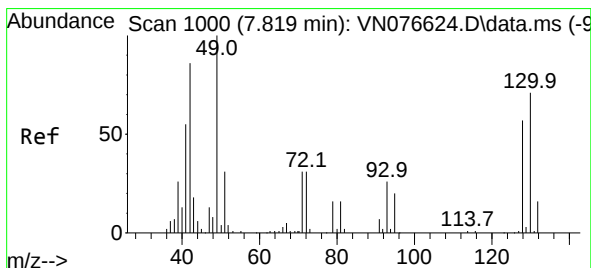
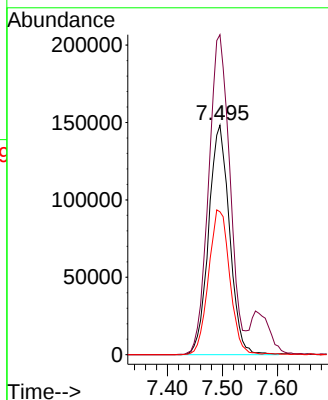
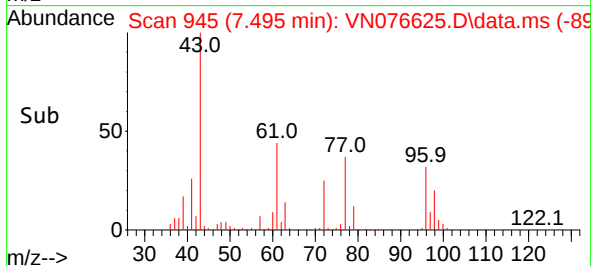
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion: 96 Resp: 390912
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 262.2
 98 64.0 0.0 128.6

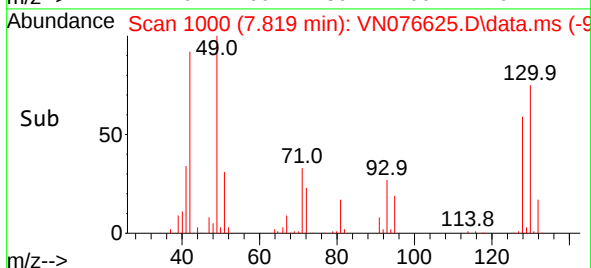
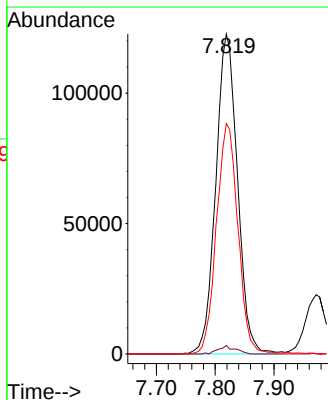
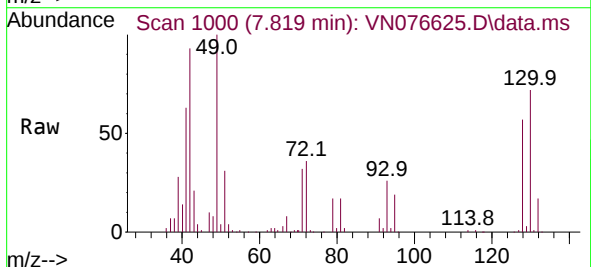
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#28
 Bromochloromethane
 Concen: 104.384 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.005 min
 Lab File: VN076625.D
 Acq: 13 Feb 2023 12:15

Tgt Ion: 49 Resp: 315046
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 71.1 74.3 111.5#





#29

Tetrahydrofuran

Concen: 606.250 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.005 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 42 Resp: 86608

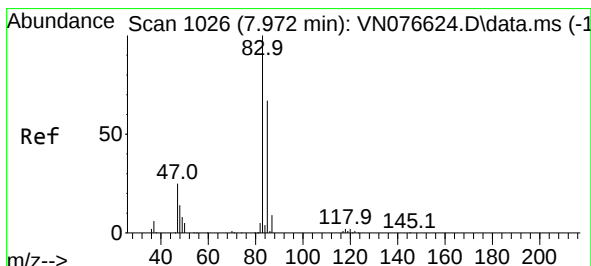
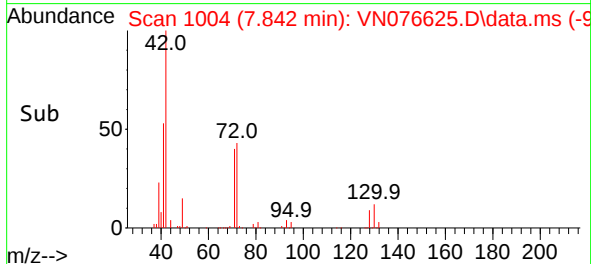
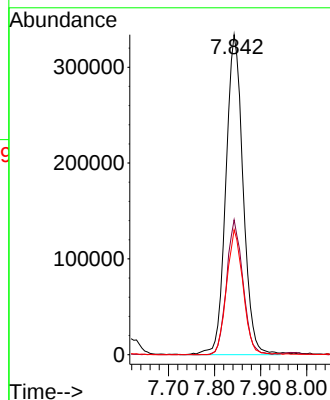
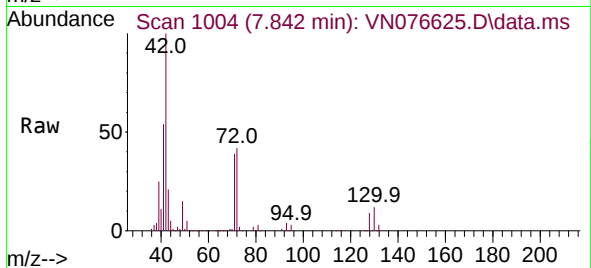
Ion	Ratio	Lower	Upper
42	100		
72	39.9	42.9	64.3
71	37.3	39.9	59.9

Manual Integrations

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Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#30

Chloroform

Concen: 78.047 ug/l

RT: 7.972 min Scan# 1026

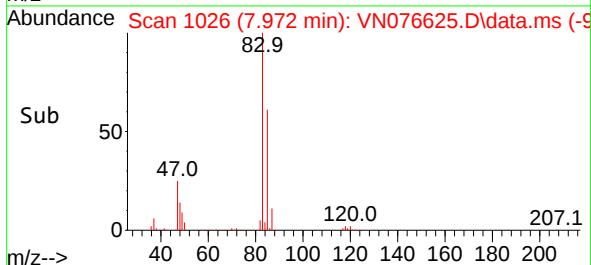
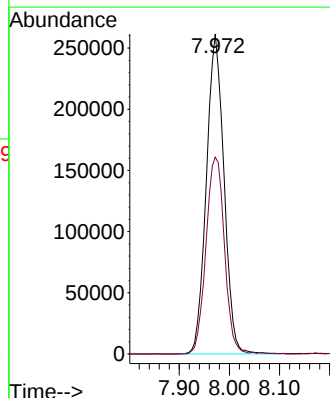
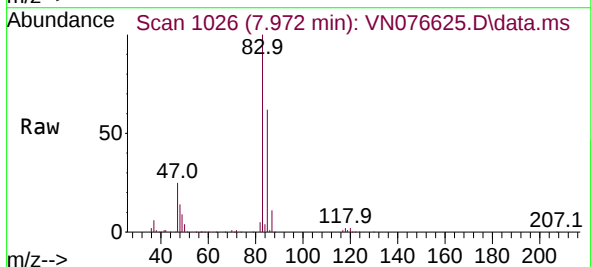
Delta R.T. 0.001 min

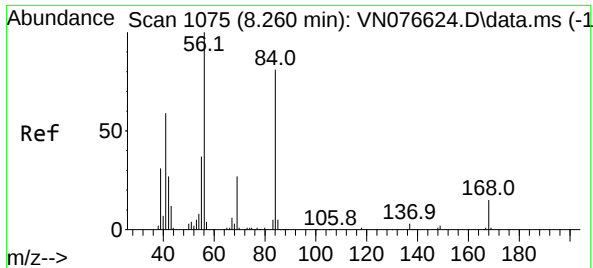
Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Tgt Ion: 83 Resp: 637755

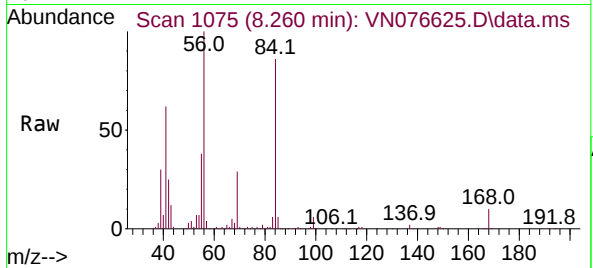
Ion	Ratio	Lower	Upper
83	100		
85	61.5	52.5	78.7





#31
Cyclohexane
Concen: 79.827 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

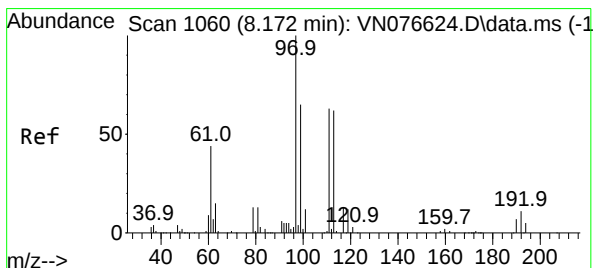
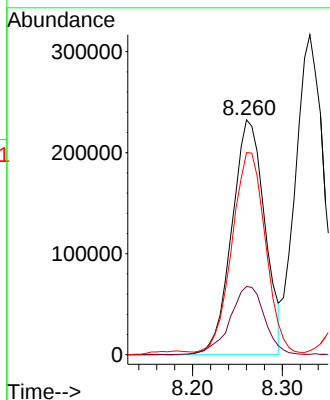
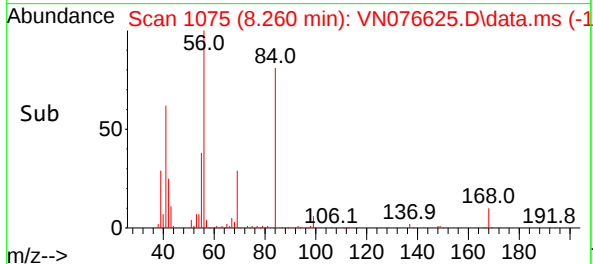
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



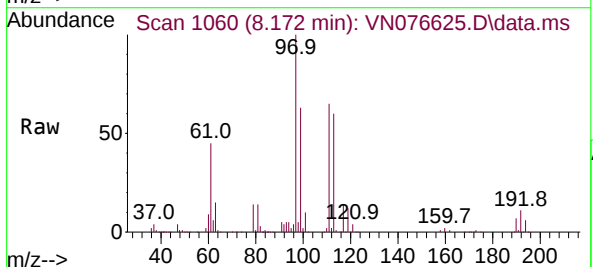
Tgt Ion: 56 Resp: 59180
Ion Ratio Lower Upper
56 100
69 28.9 27.0 40.4
84 84.5 79.5 119.3

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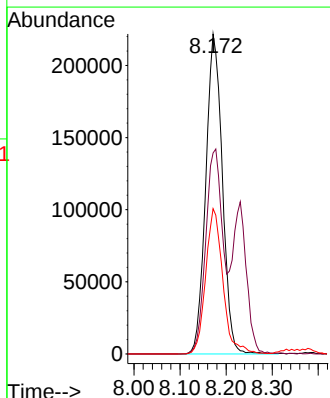
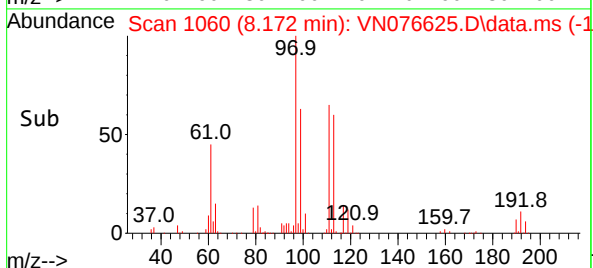
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

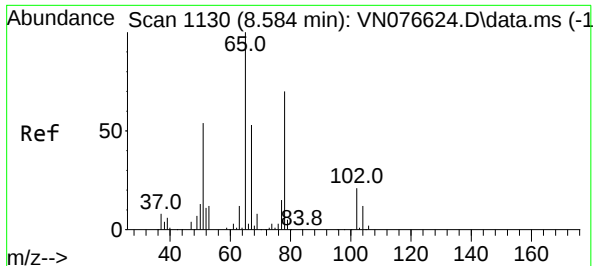


#32
1,1,1-Trichloroethane
Concen: 76.017 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15



Tgt Ion: 97 Resp: 556606
Ion Ratio Lower Upper
97 100
99 64.4 53.5 80.3
61 47.2 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 83.598 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 65 Resp: 39211

Ion Ratio Lower Upper

65 100

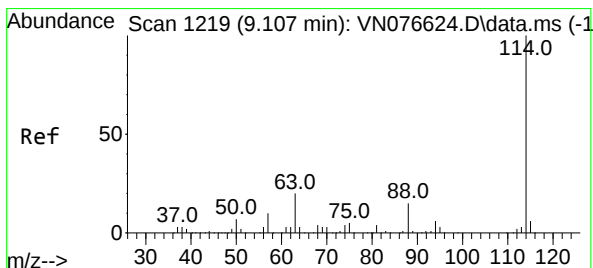
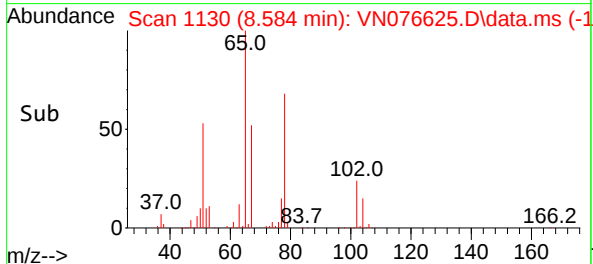
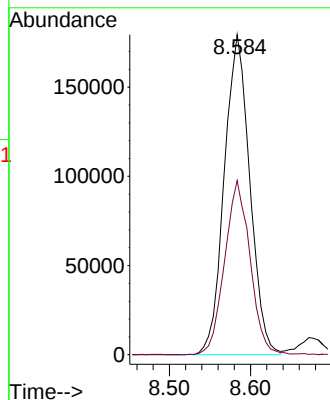
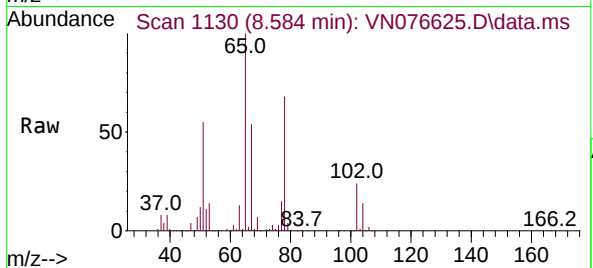
67 54.3 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.001 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

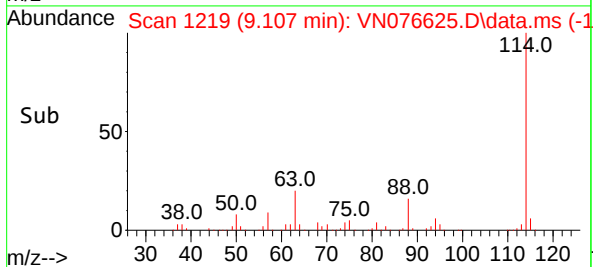
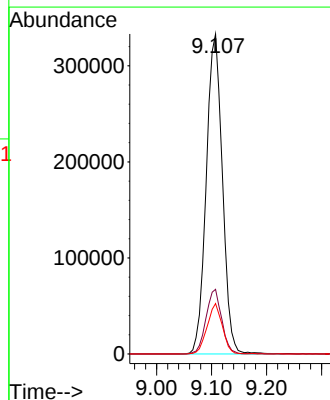
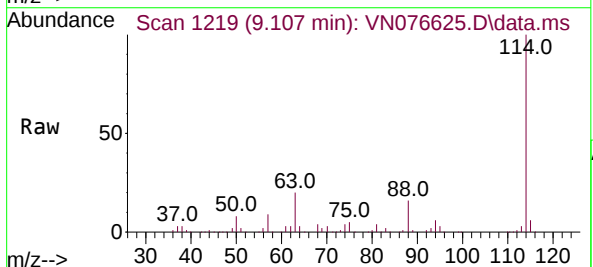
Tgt Ion:114 Resp: 680388

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.6

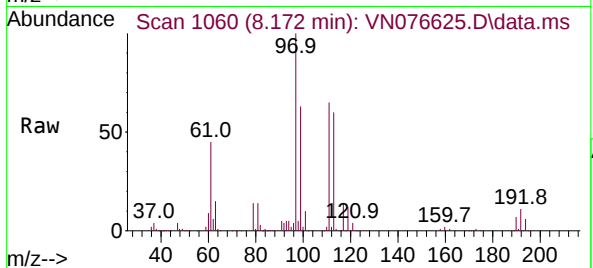
88 15.8 0.0 32.0





#35
Dibromofluoromethane
Concen: 77.189 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

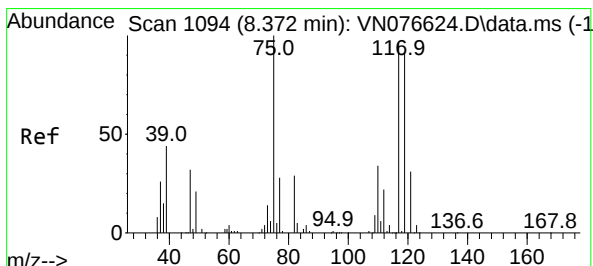
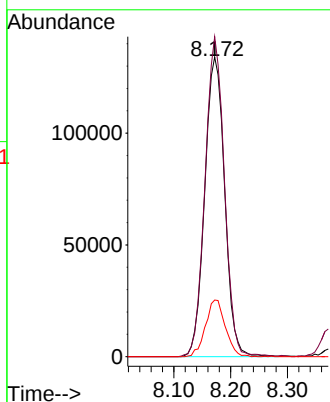
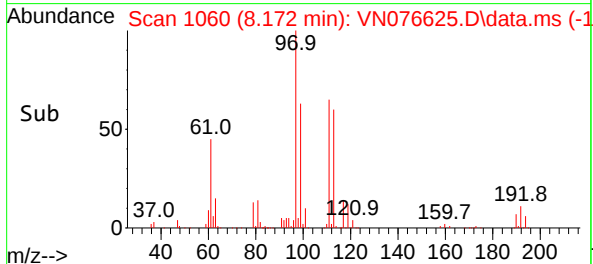
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC075



Tgt Ion: 113 Resp: 32647
Ion Ratio Lower Upper
113 100
111 103.9 82.0 123.0
192 18.9 14.8 22.2

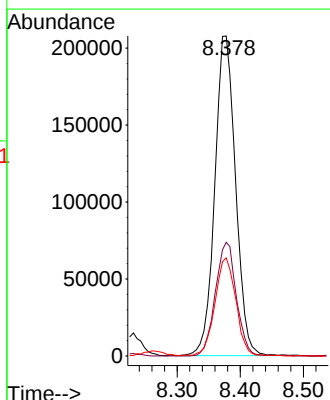
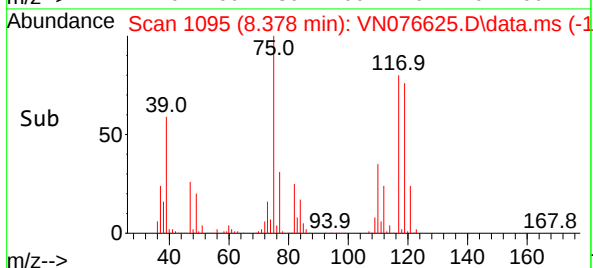
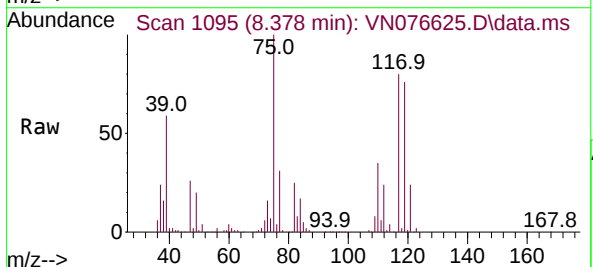
Manual Integrations
APPROVED

Reviewed By : John Carlone 02/14/2023
Supervised By : Mahesh Dadoda 02/14/2023



#36
1,1-Dichloropropene
Concen: 78.611 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Tgt Ion: 75 Resp: 474716
Ion Ratio Lower Upper
75 100
110 36.0 18.6 55.6
77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 113.301 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.005 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 43 Resp: 51260

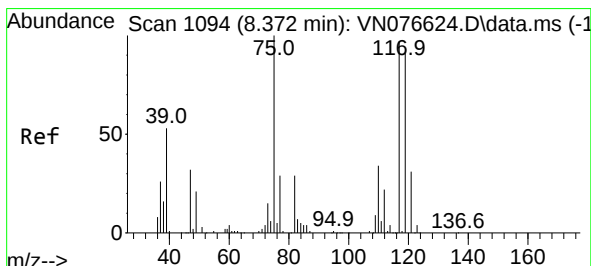
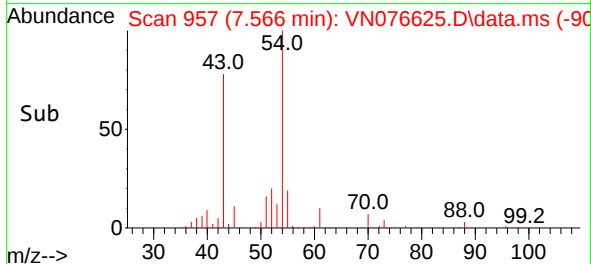
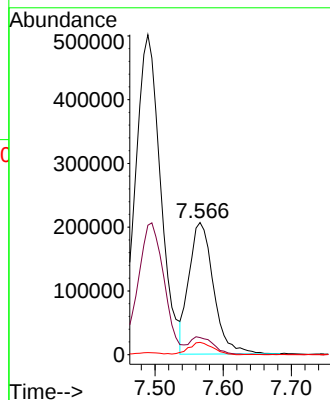
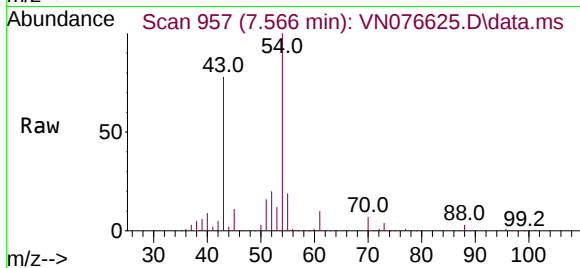
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.8	17.6
70	9.2	10.4	15.6

Manual Integrations

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Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#38

Carbon Tetrachloride

Concen: 75.984 ug/l

RT: 8.366 min Scan# 1093

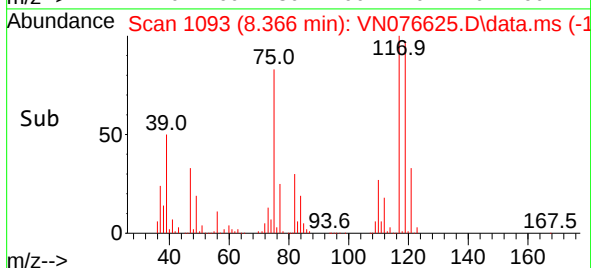
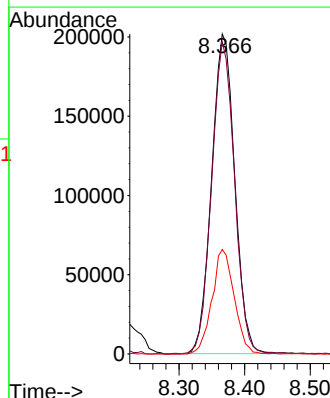
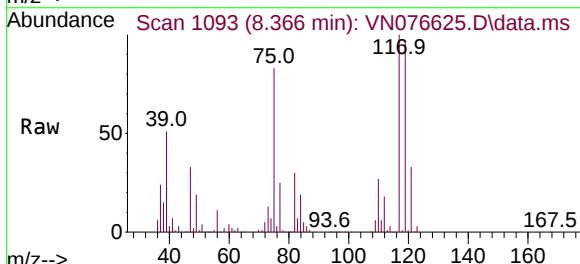
Delta R.T. 0.001 min

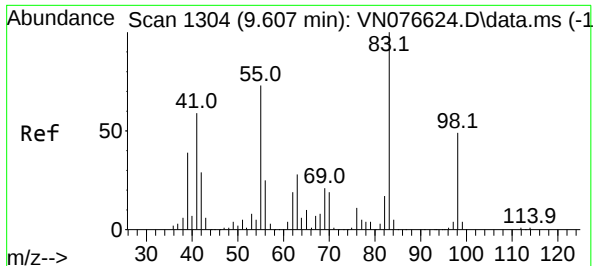
Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Tgt Ion:117 Resp: 493347

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.2	115.8
121	32.7	23.9	35.9





#39

Methylcyclohexane

Concen: 77.183 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.005 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 83 Resp: 57883

Ion Ratio Lower Upper

83 100

55 76.0 53.8 80.6

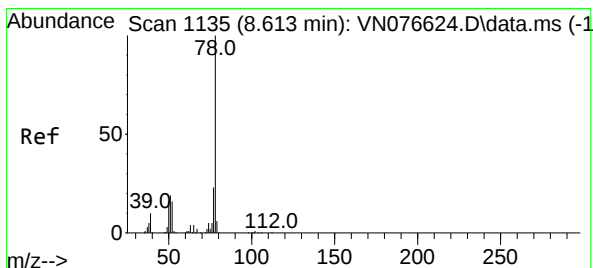
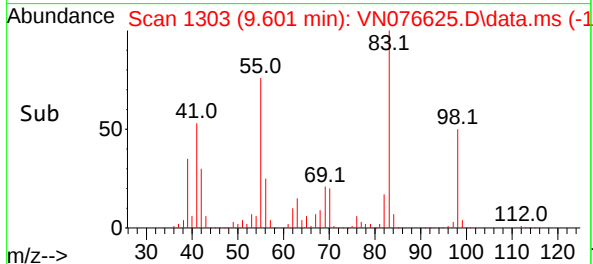
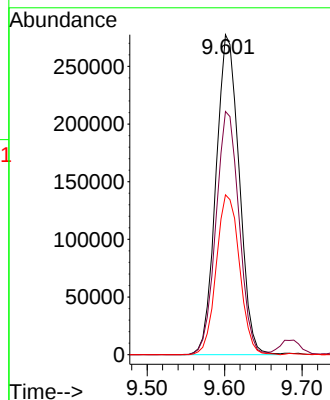
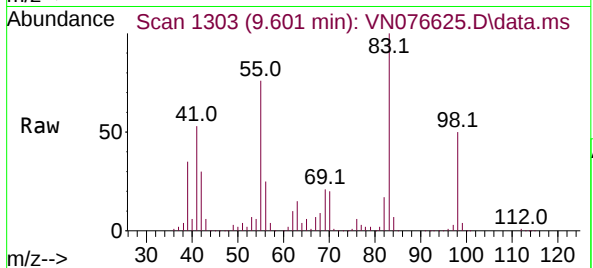
98 50.0 39.0 58.6

Manual Integrations

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Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#40

Benzene

Concen: 79.331 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.001 min

Lab File: VN076625.D

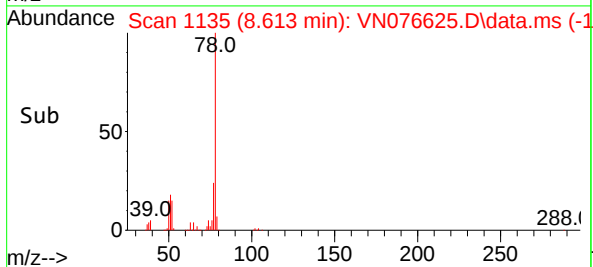
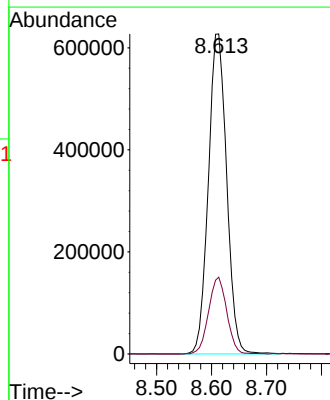
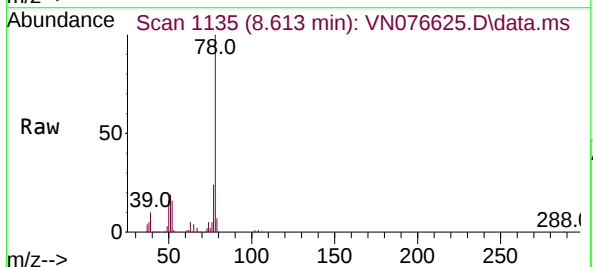
Acq: 13 Feb 2023 12:15

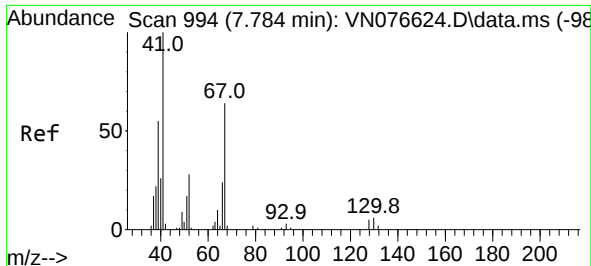
Tgt Ion: 78 Resp: 1452186

Ion Ratio Lower Upper

78 100

77 24.0 18.6 27.8





#41
Methacrylonitrile
Concen: 120.363 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

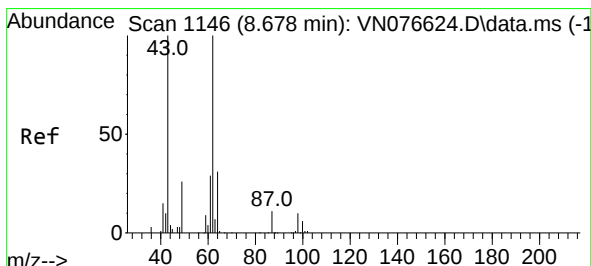
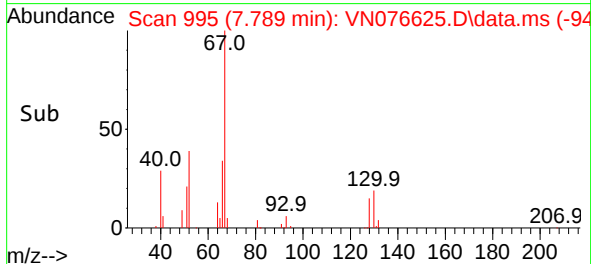
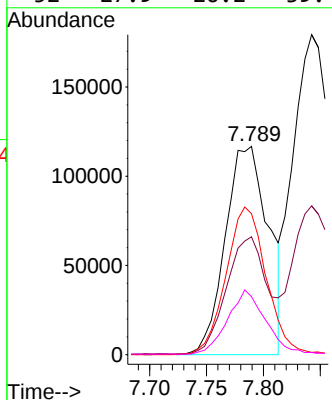
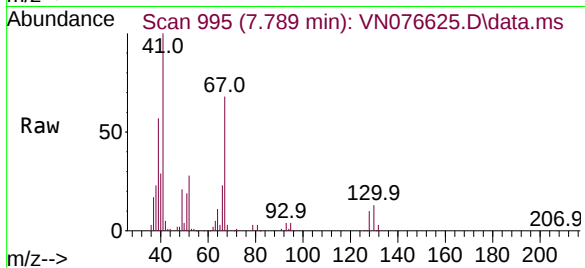
ClientSampleId :

VSTDICC075

Tgt Ion: 41 Resp: 308334
Ion Ratio Lower Upper
41 100
39 53.9 41.3 61.9
67 66.6 69.6 104.4
52 27.9 26.2 39.4

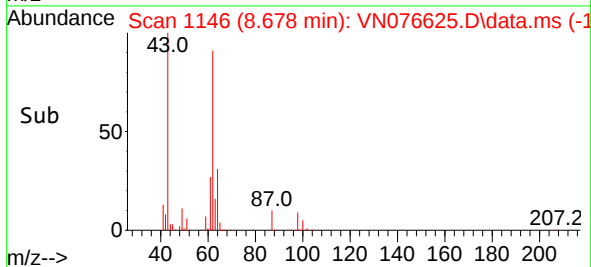
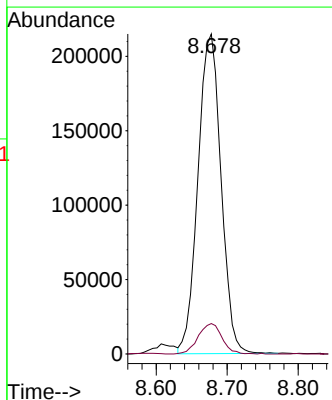
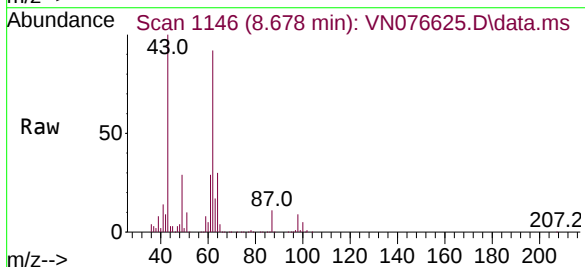
Manual Integrations
APPROVED

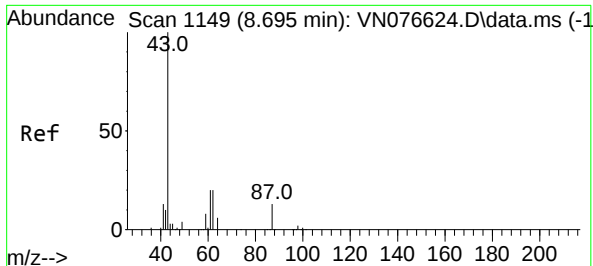
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#42
1,2-Dichloroethane
Concen: 81.577 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

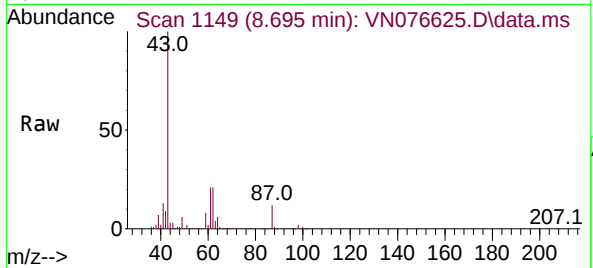
Tgt Ion: 62 Resp: 486193
Ion Ratio Lower Upper
62 100
98 9.8 0.0 21.6





#43
Isopropyl Acetate
Concen: 117.792 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

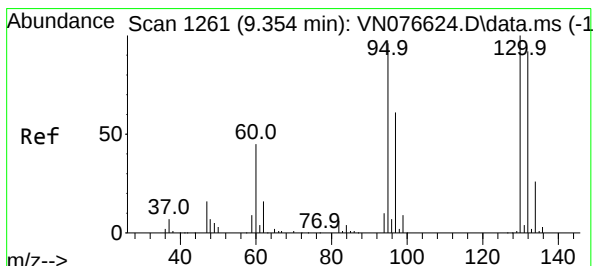
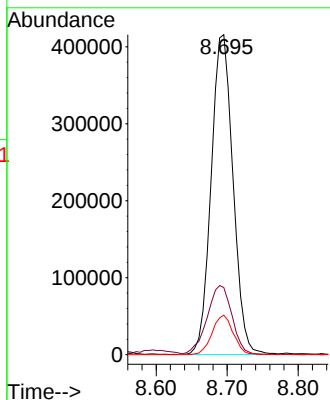
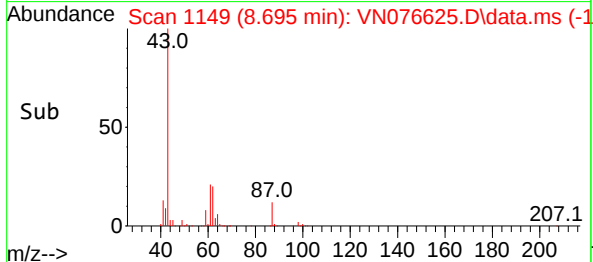
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



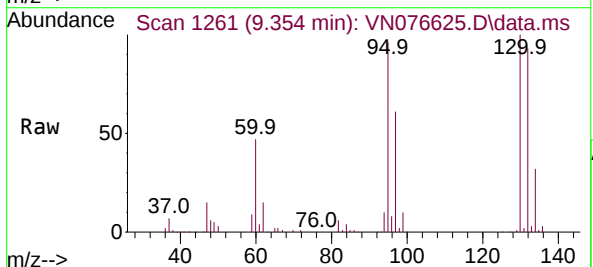
Tgt Ion: 43 Resp: 886770
Ion Ratio Lower Upper
43 100
61 24.6 24.5 36.7
87 12.0 13.6 20.4

Manual Integrations
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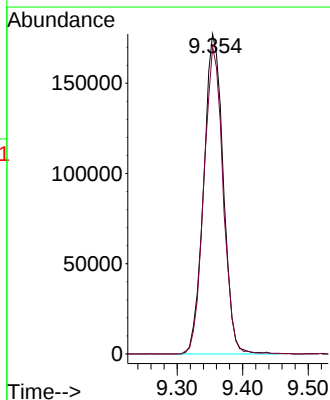
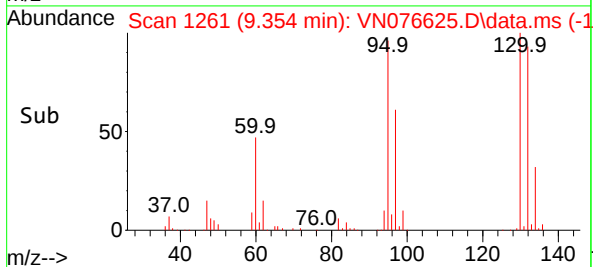
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

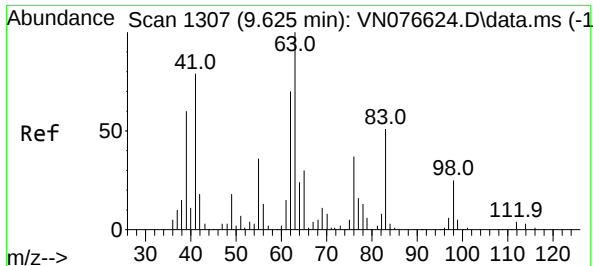


#44
Trichloroethene
Concen: 74.932 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15



Tgt Ion:130 Resp: 366289
Ion Ratio Lower Upper
130 100
95 96.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 86.754 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.001 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 63 Resp: 381418

Ion Ratio Lower Upper

63 100

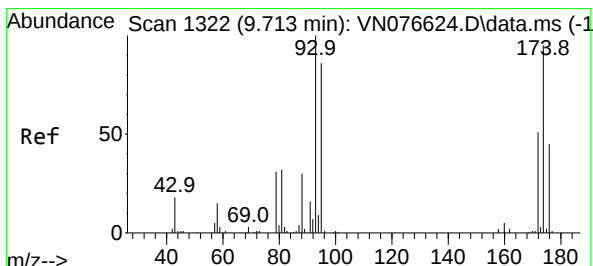
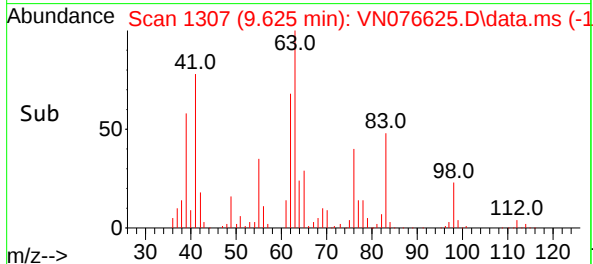
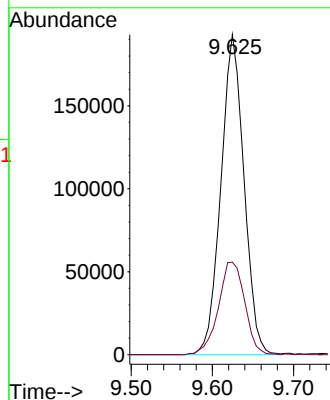
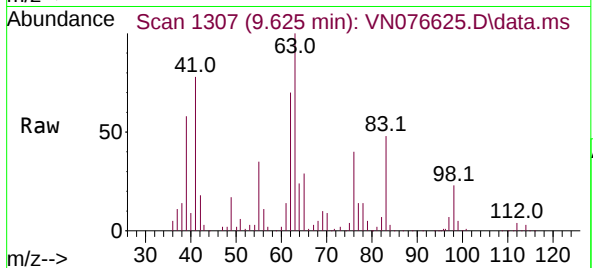
65 28.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#46

Dibromomethane

Concen: 79.468 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.001 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

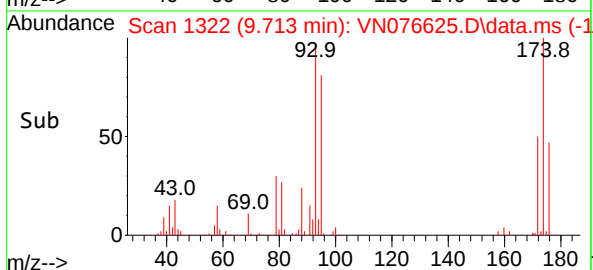
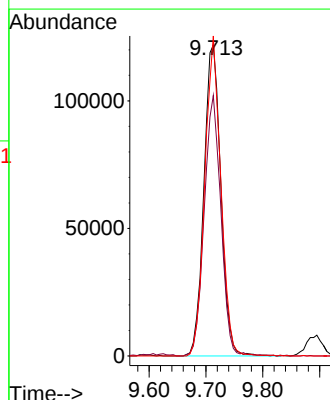
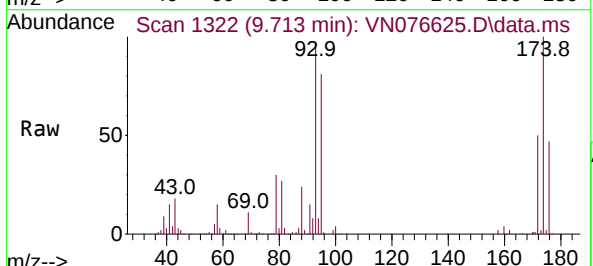
Tgt Ion: 93 Resp: 252036

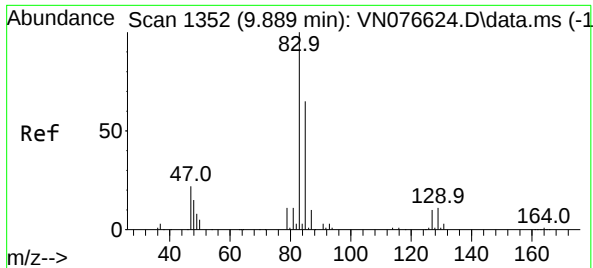
Ion Ratio Lower Upper

93 100

95 82.5 68.0 102.0

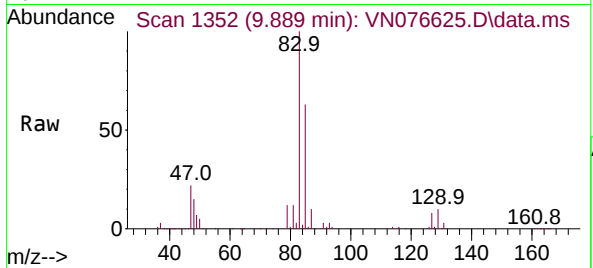
174 97.2 80.9 121.3





#47
Bromodichloromethane
Concen: 79.566 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

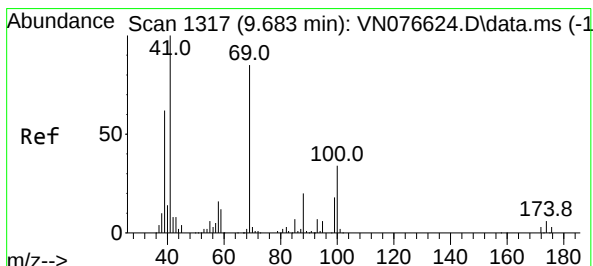
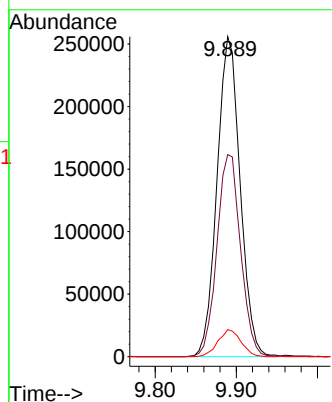
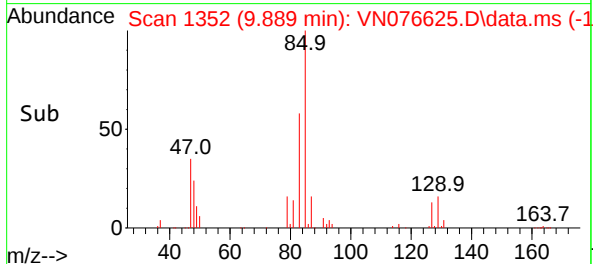
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 83 Resp: 50744
Ion Ratio Lower Upper
83 100
85 63.2 50.7 76.1
127 8.5 7.0 10.6

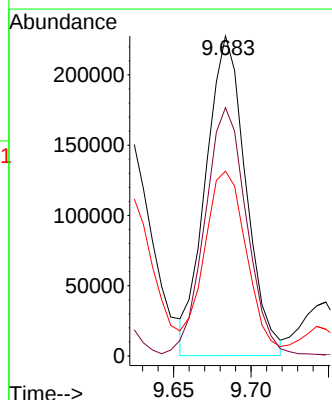
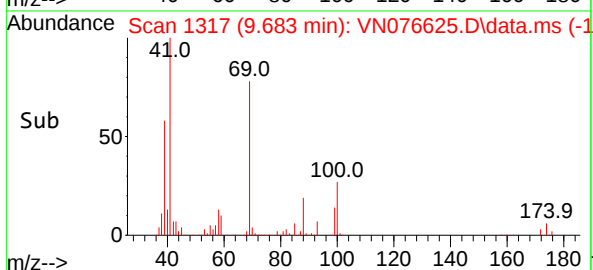
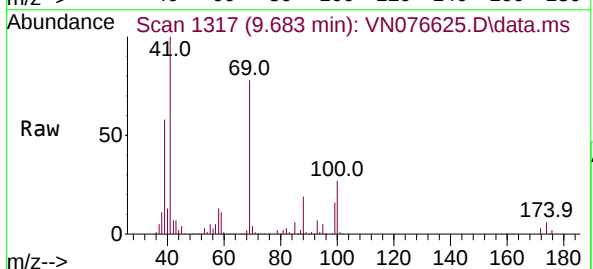
Manual Integrations
APPROVED

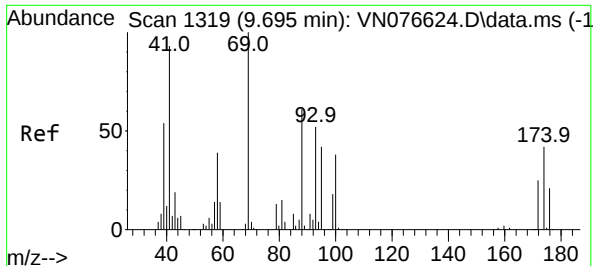
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#48
Methyl methacrylate
Concen: 110.640 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Tgt Ion: 41 Resp: 409635
Ion Ratio Lower Upper
41 100
69 82.0 83.0 124.4#
39 61.2 43.8 65.8





#49

1,4-Dioxane

Concen: 1751.521 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.005 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 88 Resp: 138723

Ion Ratio Lower Upper

88 100

43 29.7 16.7 25.1

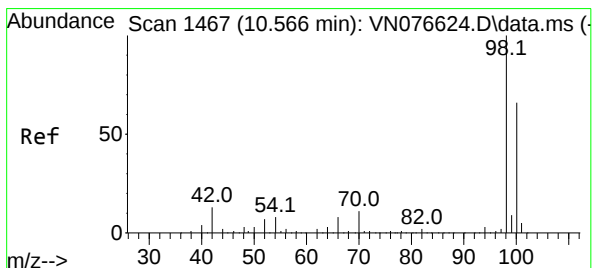
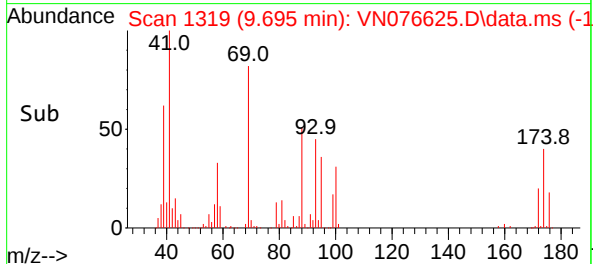
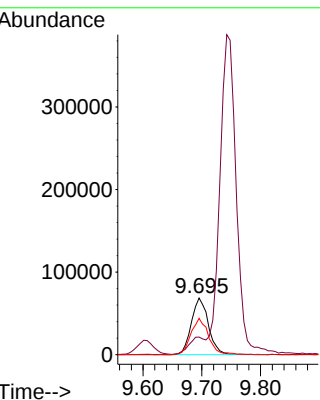
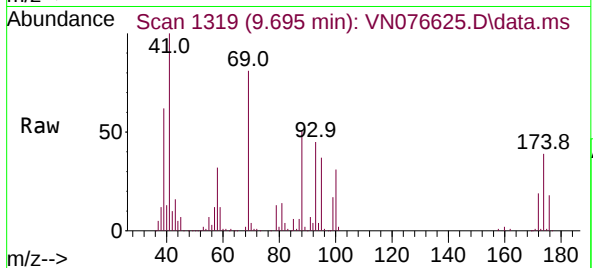
58 66.4 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#50

Toluene-d8

Concen: 79.824 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.005 min

Lab File: VN076625.D

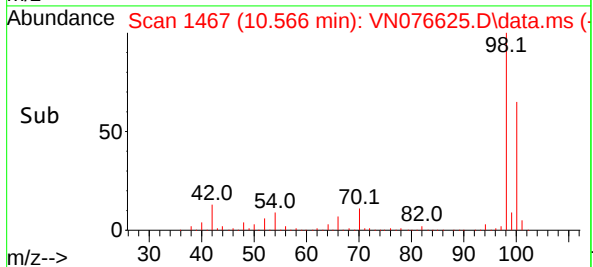
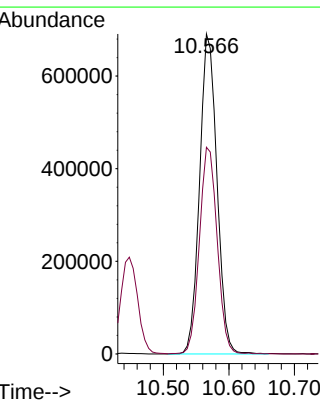
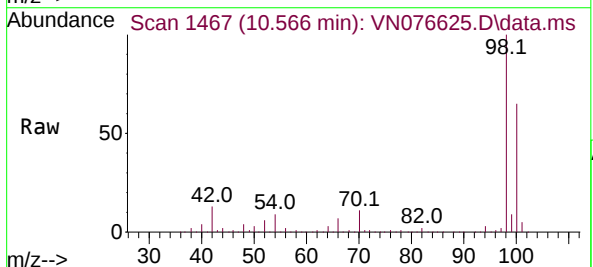
Acq: 13 Feb 2023 12:15

Tgt Ion: 98 Resp: 1270127

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3





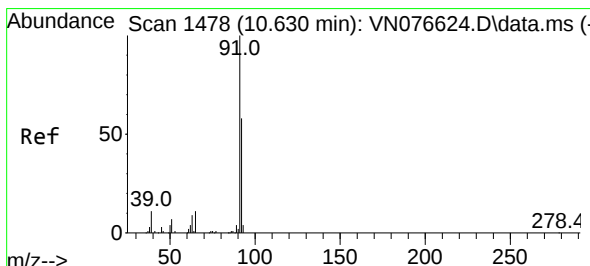
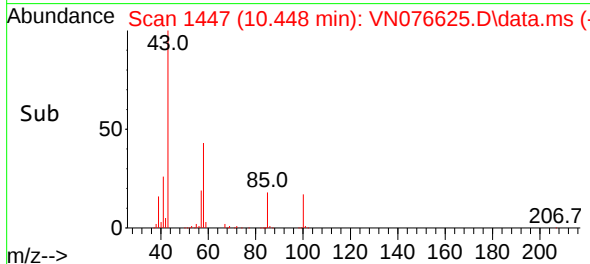
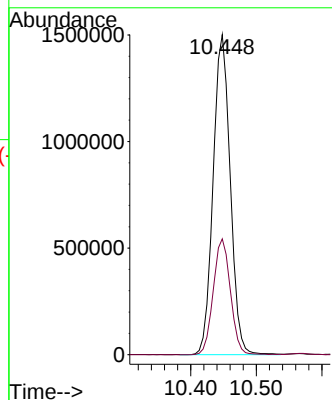
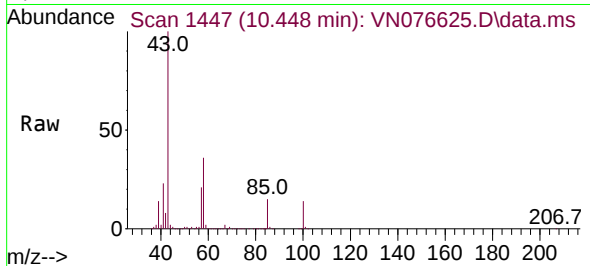
#51
4-Methyl-2-Pentanone
Concen: 600.041 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 271493
Ion Ratio Lower Upper
43 100
58 36.4 36.4 54.6

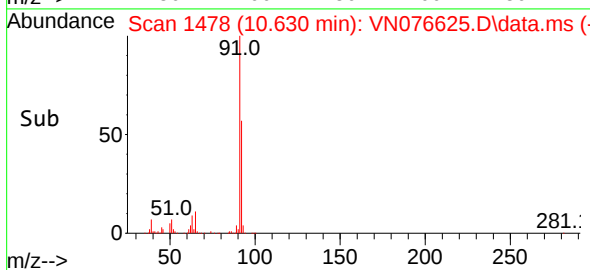
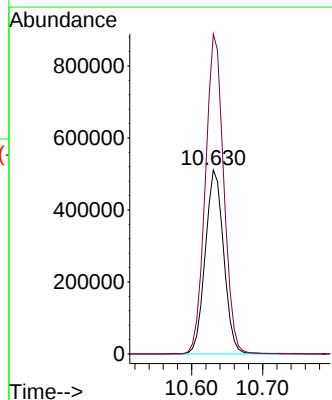
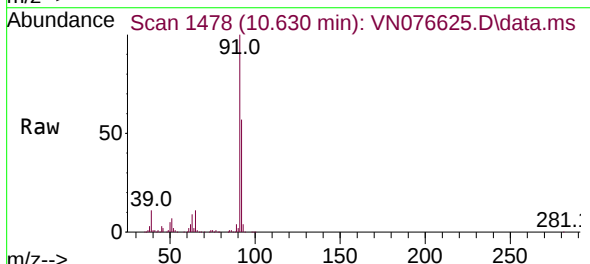
Manual Integrations
APPROVED

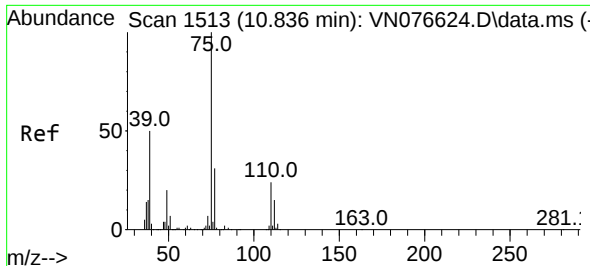
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#52
Toluene
Concen: 78.067 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

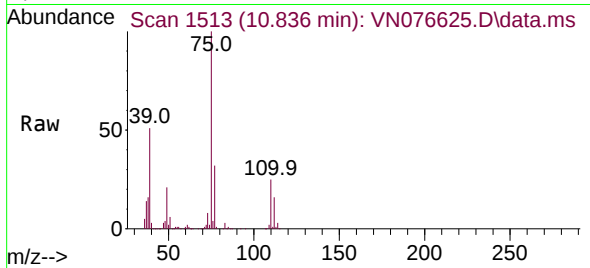
Tgt Ion: 92 Resp: 922252
Ion Ratio Lower Upper
92 100
91 173.9 136.3 204.5





#53
 t-1,3-Dichloropropene
 Concen: 89.442 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.001 min
 Lab File: VN076625.D
 Acq: 13 Feb 2023 12:15

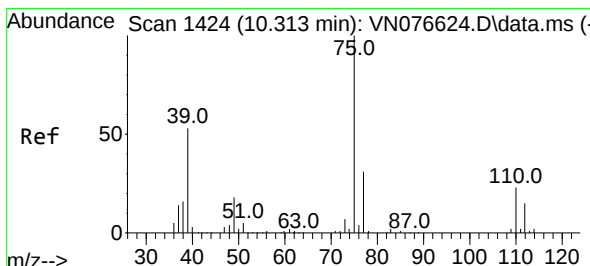
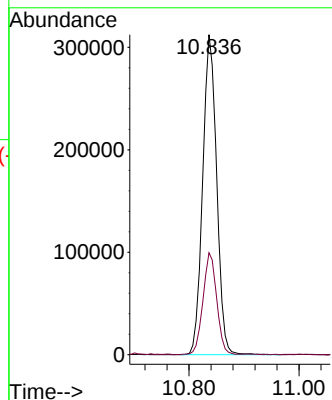
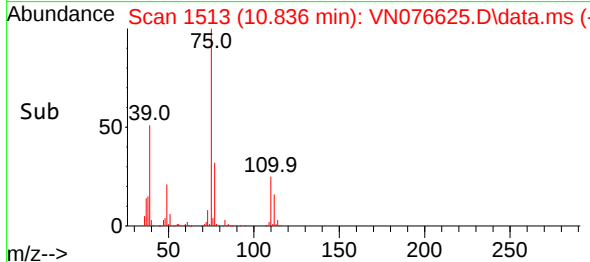
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



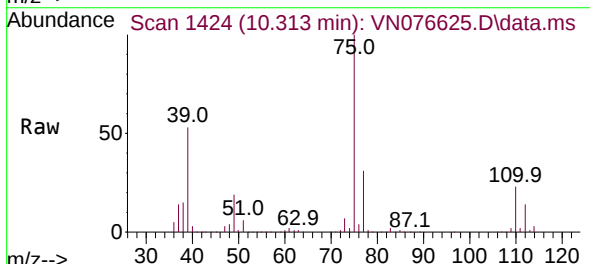
Tgt Ion: 75 Resp: 55116
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.5 36.7

Manual Integrations
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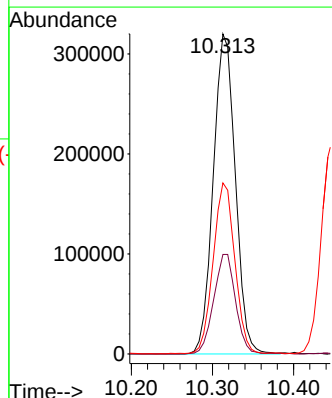
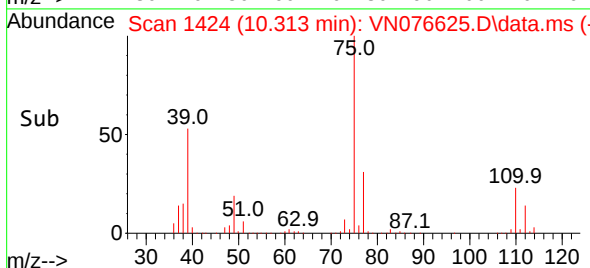
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

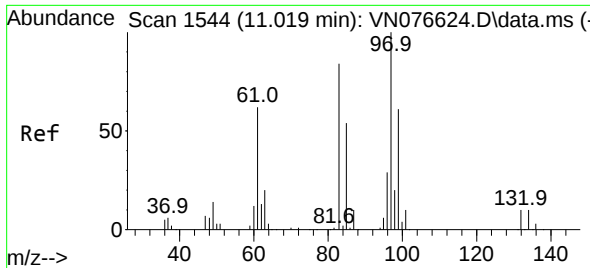


#54
 cis-1,3-Dichloropropene
 Concen: 86.059 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.005 min
 Lab File: VN076625.D
 Acq: 13 Feb 2023 12:15



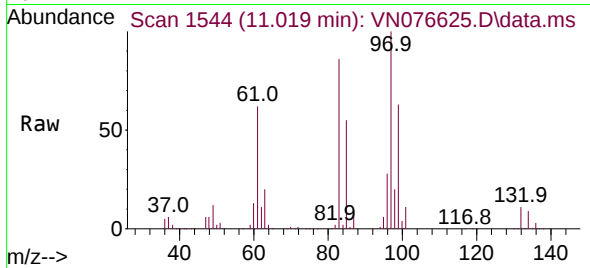
Tgt Ion: 75 Resp: 604745
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 53.2 31.1 46.7#





#55
1,1,2-Trichloroethane
Concen: 79.105 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

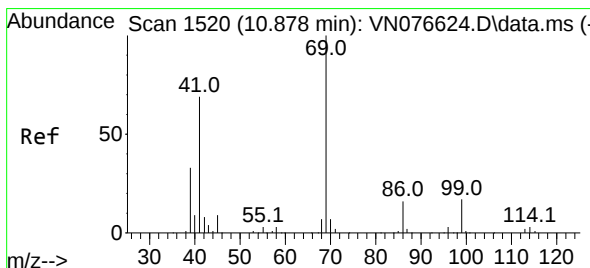
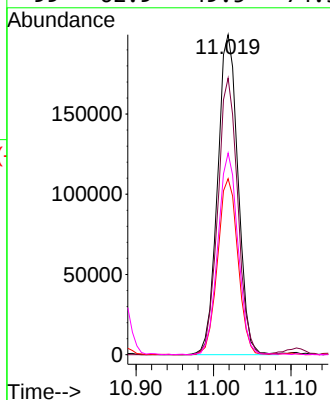
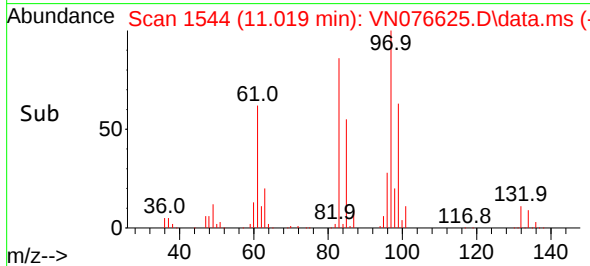
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 97 Resp: 366010
Ion Ratio Lower Upper
97 100
83 86.4 67.5 101.3
85 55.0 43.0 64.6
99 62.9 49.5 74.3

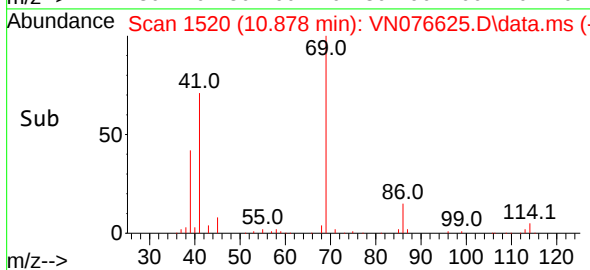
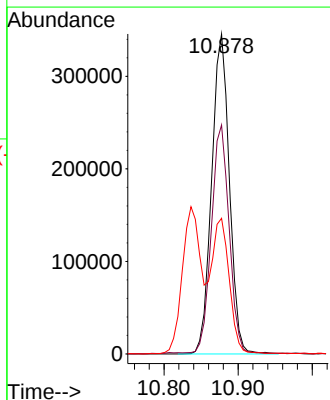
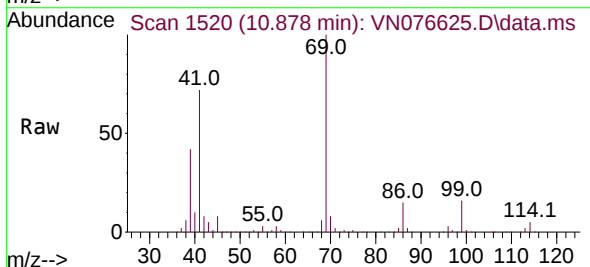
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#56
Ethyl methacrylate
Concen: 92.644 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Tgt Ion: 69 Resp: 573702
Ion Ratio Lower Upper
69 100
41 71.4 43.5 65.3#
39 43.4 21.3 31.9#





#57

1,3-Dichloropropane

Concen: 81.711 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 76 Resp: 61197

Ion Ratio Lower Upper

76 100

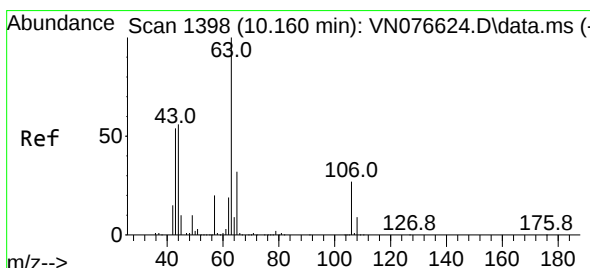
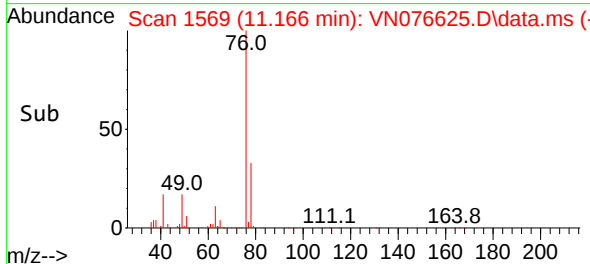
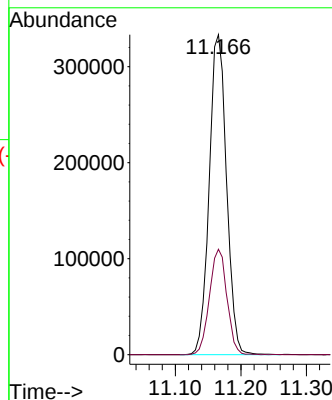
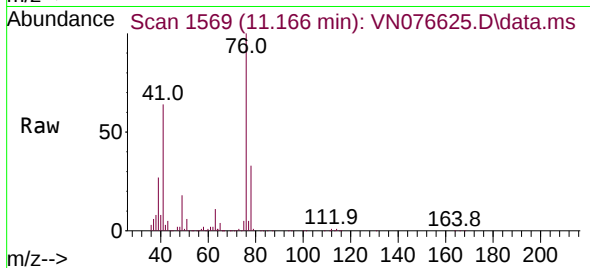
78 33.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 745.752 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.005 min

Lab File: VN076625.D

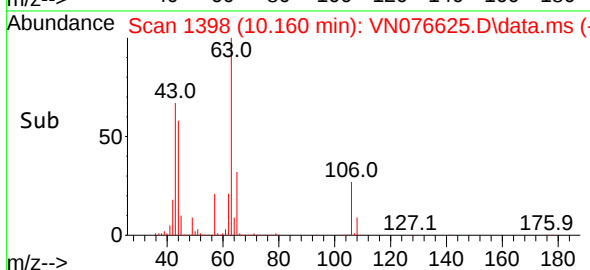
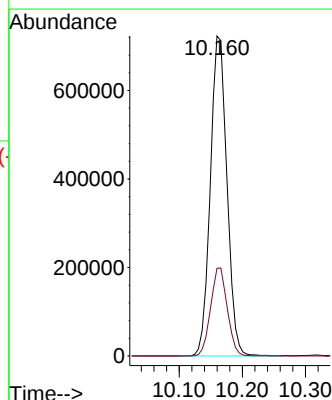
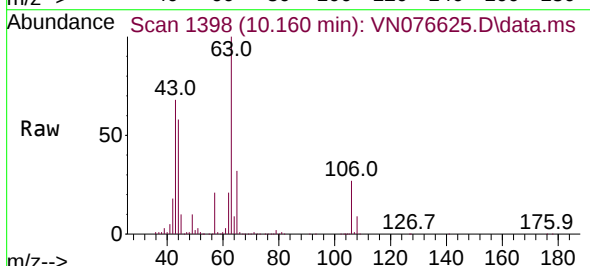
Acq: 13 Feb 2023 12:15

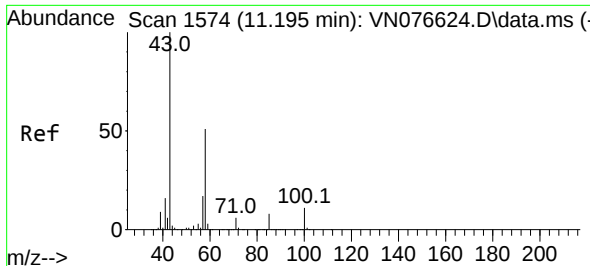
Tgt Ion: 63 Resp: 1319724

Ion Ratio Lower Upper

63 100

106 27.5 25.6 38.4





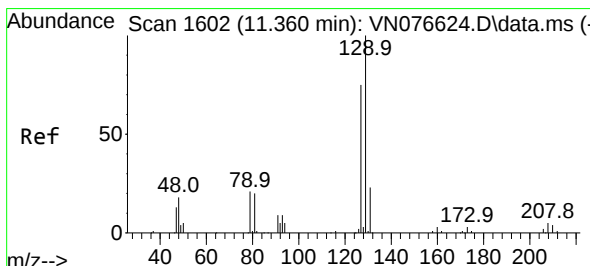
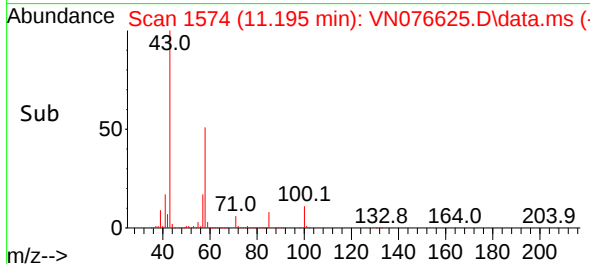
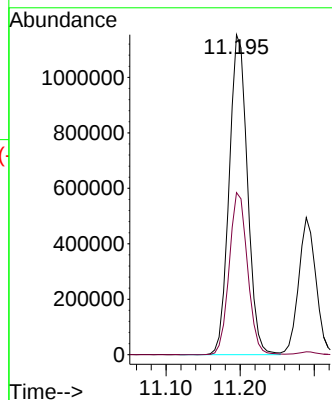
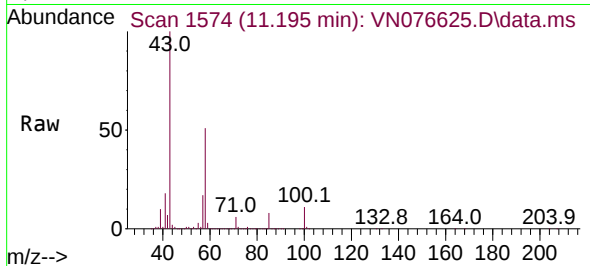
#59
2-Hexanone
Concen: 612.454 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 1975569
Ion Ratio Lower Upper
43 100
58 50.8 31.8 95.4

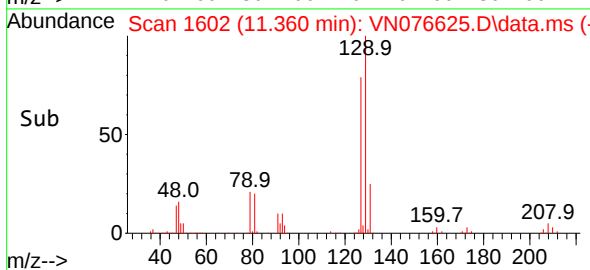
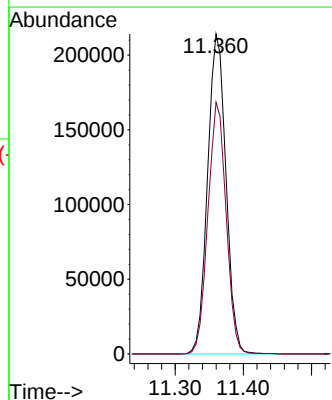
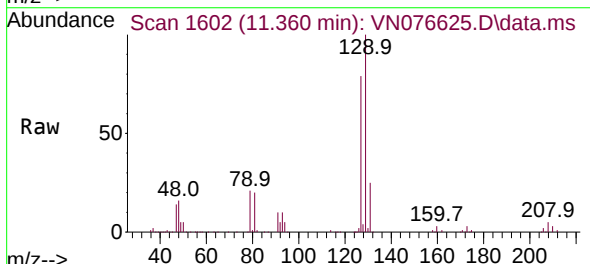
Manual Integrations
APPROVED

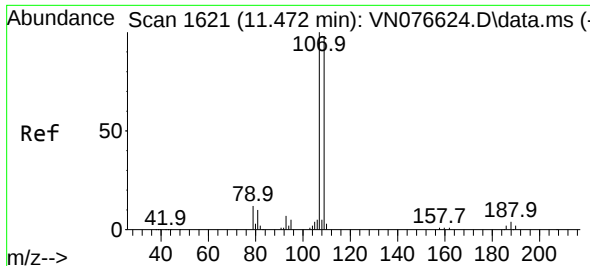
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#60
Dibromochloromethane
Concen: 82.336 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

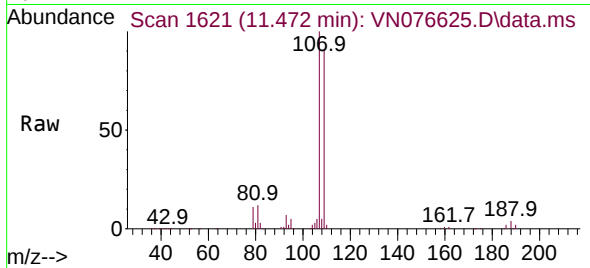
Tgt Ion:129 Resp: 401483
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.7





#61
1,2-Dibromoethane
Concen: 81.165 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

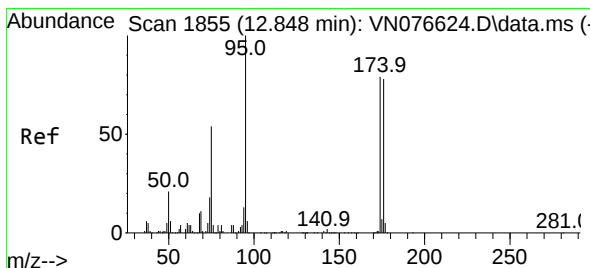
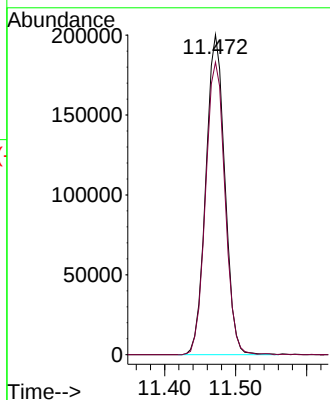
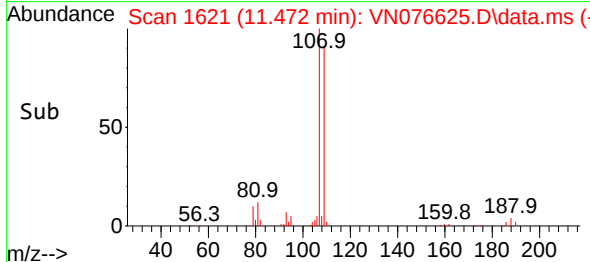
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



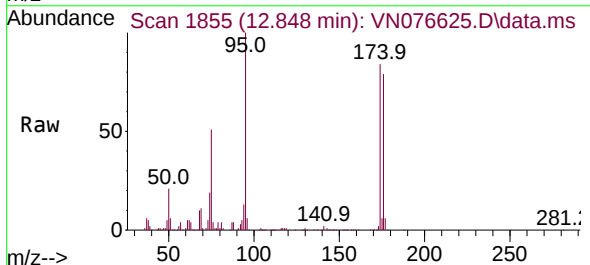
Tgt Ion: 107 Resp: 37174
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.0

Manual Integrations
APPROVED

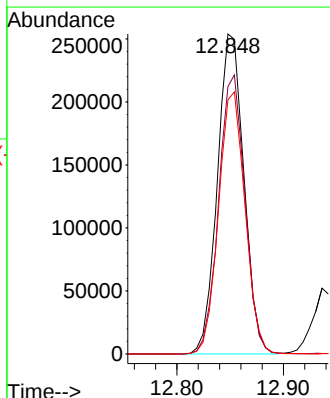
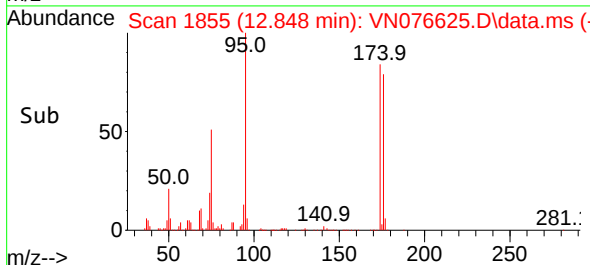
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

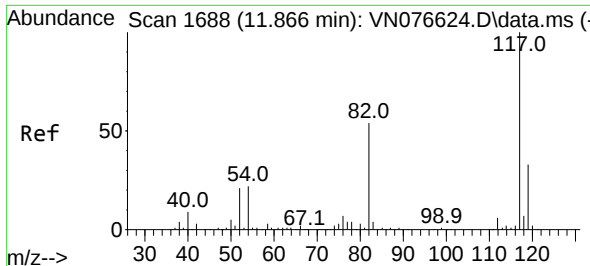


#62
4-Bromofluorobenzene
Concen: 78.295 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15



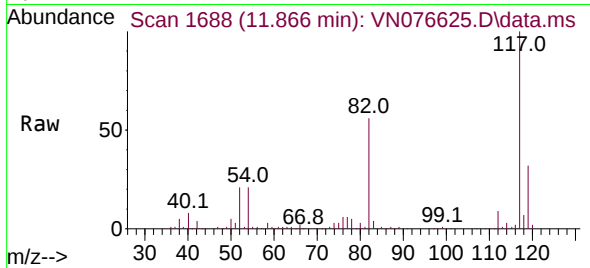
Tgt Ion: 95 Resp: 438888
Ion Ratio Lower Upper
95 100
174 86.2 0.0 154.0
176 81.8 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

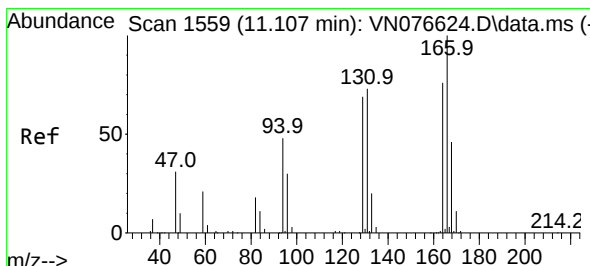
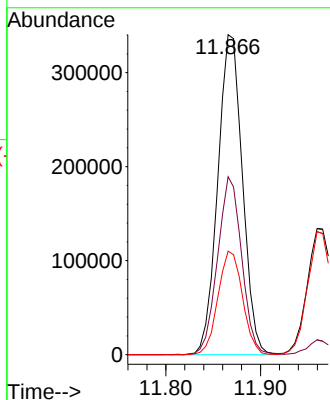
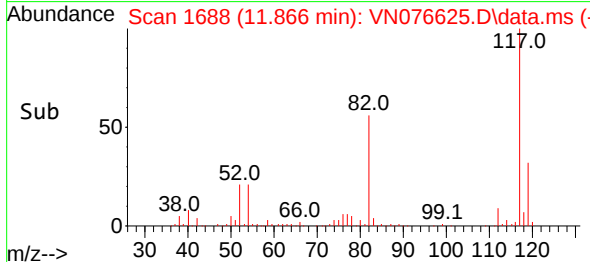
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



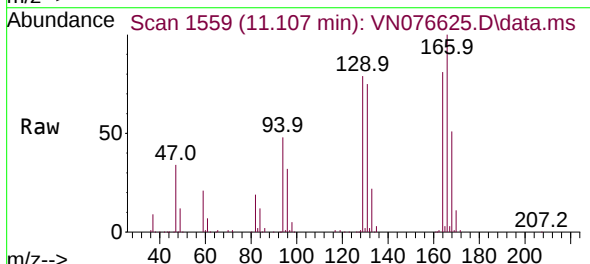
Tgt Ion:117 Resp: 61640
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 32.4 25.1 37.7

Manual Integrations
APPROVED

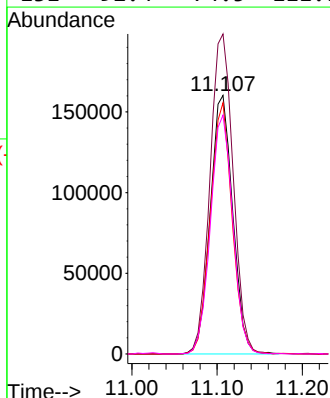
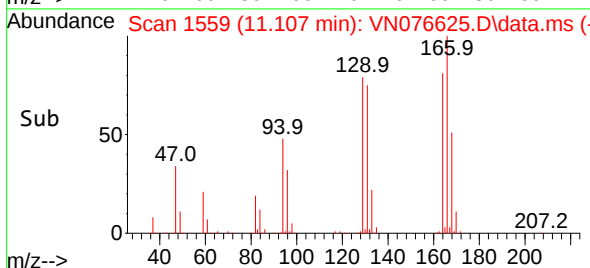
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

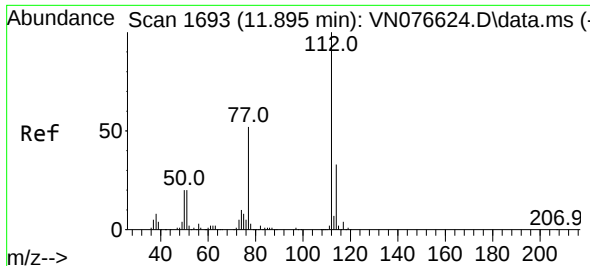


#64
Tetrachloroethene
Concen: 57.351 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15



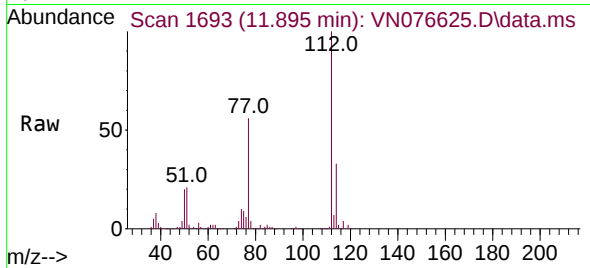
Tgt Ion:164 Resp: 294366
Ion Ratio Lower Upper
164 100
166 123.8 100.2 150.4
129 97.2 76.8 115.2
131 92.4 74.5 111.7





#65
Chlorobenzene
Concen: 77.663 ug/l
RT: 11.895 min Scan# 1189
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

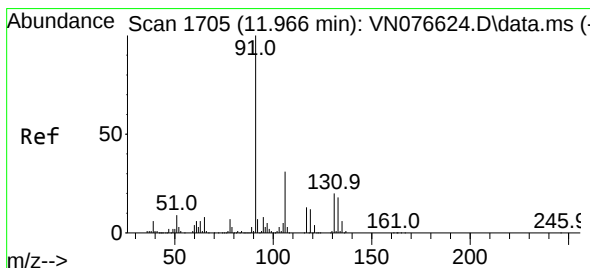
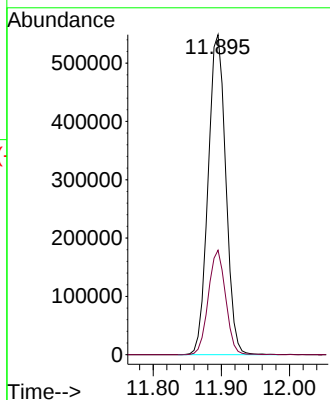
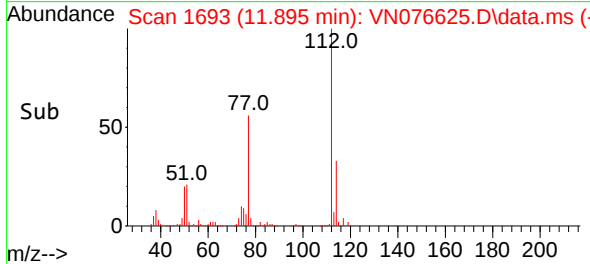
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



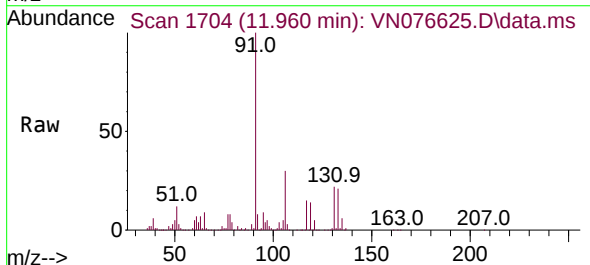
Tgt Ion:112 Resp: 989984
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9

Manual Integrations
APPROVED

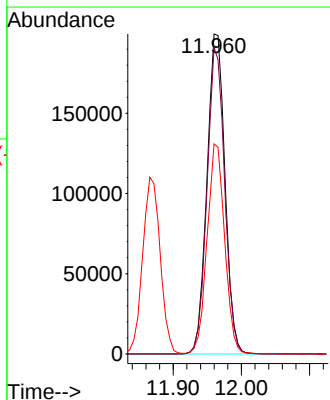
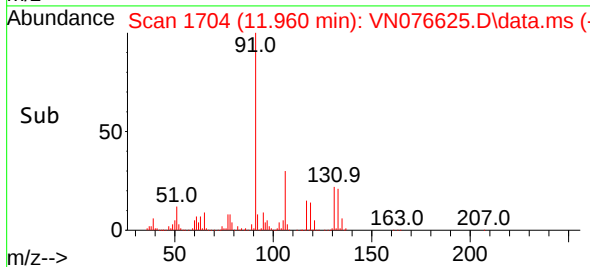
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

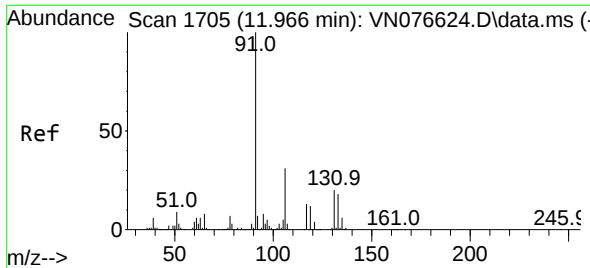


#66
1,1,1,2-Tetrachloroethane
Concen: 77.624 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15



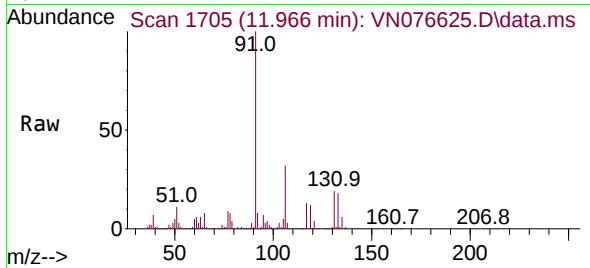
Tgt Ion:131 Resp: 366424
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.2
119 64.3 32.4 97.0





#67
Ethyl Benzene
Concen: 77.900 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

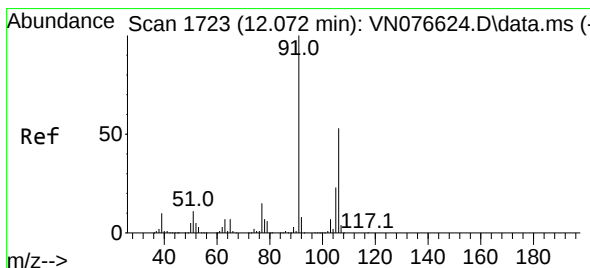
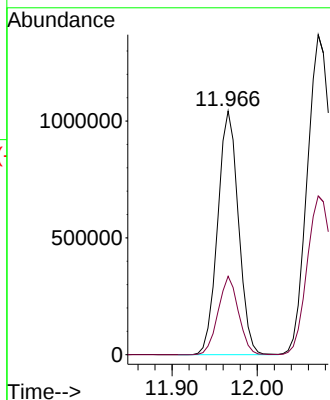
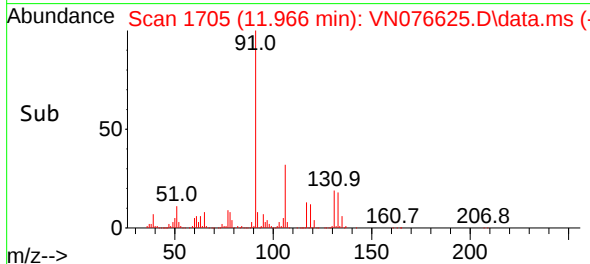
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



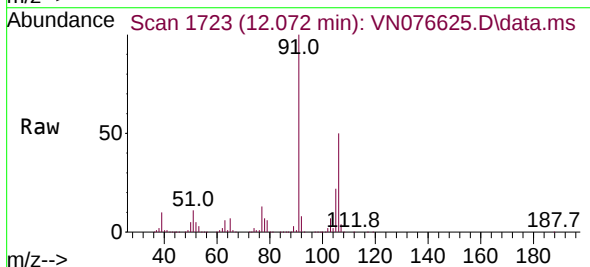
Tgt Ion: 91 Resp: 1764729
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

Manual Integrations
APPROVED

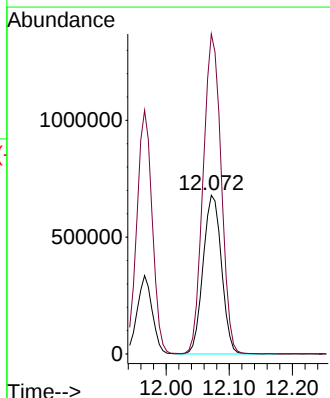
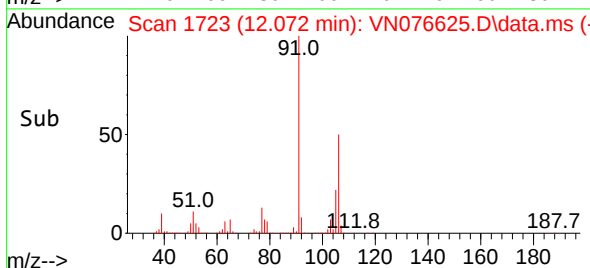
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

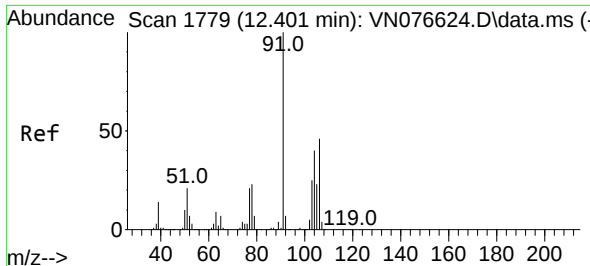


#68
m/p-Xylenes
Concen: 155.586 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15



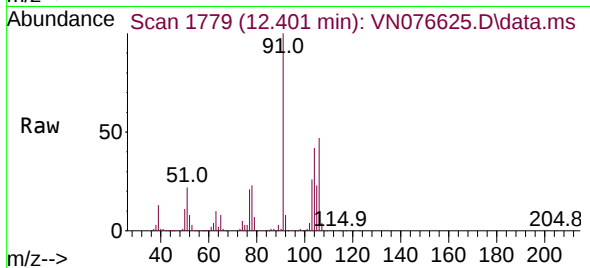
Tgt Ion:106 Resp: 1373242
Ion Ratio Lower Upper
106 100
91 197.2 160.2 240.4





#69
o-Xylene
Concen: 78.205 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

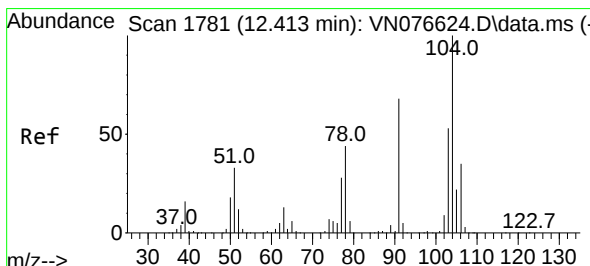
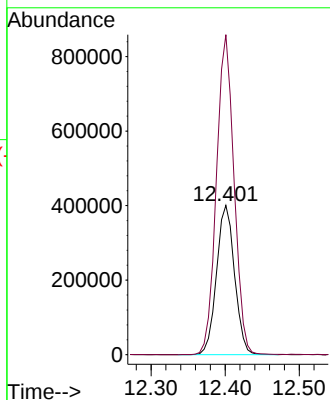
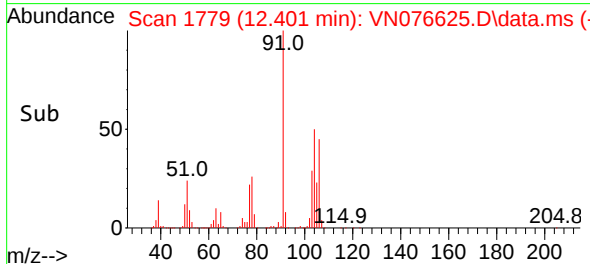
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:106 Resp: 675934
Ion Ratio Lower Upper
106 100
91 209.9 106.2 318.5

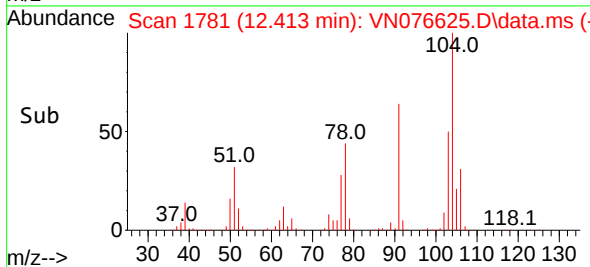
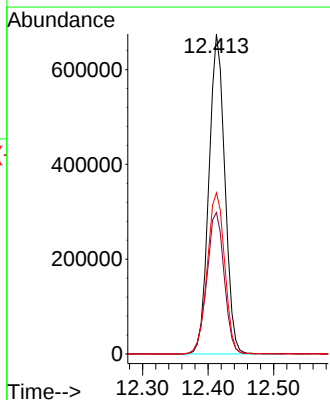
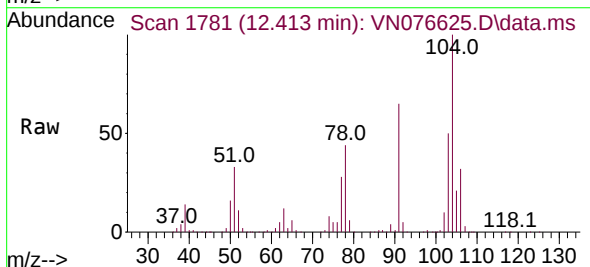
Manual Integrations
APPROVED

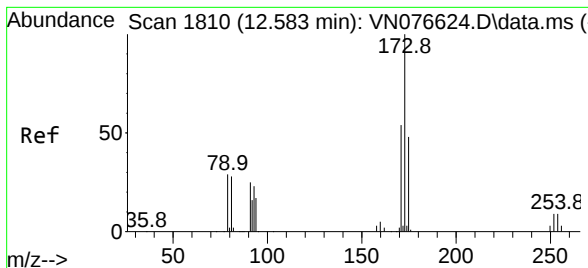
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#70
Styrene
Concen: 82.994 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Tgt Ion:104 Resp: 1140877
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.4
103 54.9 43.7 65.5





#71

Bromoform

Concen: 89.022 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.005 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

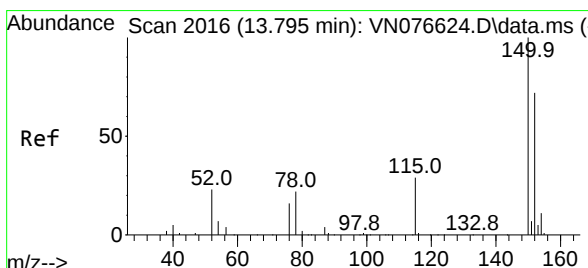
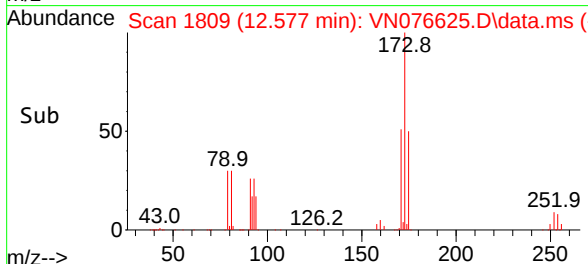
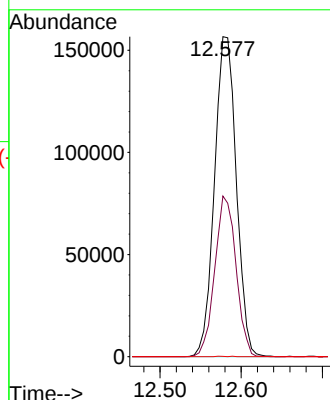
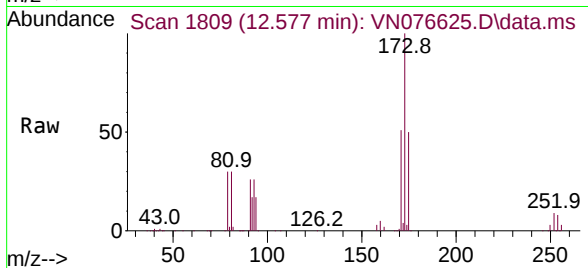
Tgt Ion:173 Resp: 293328
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.8 74.3
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

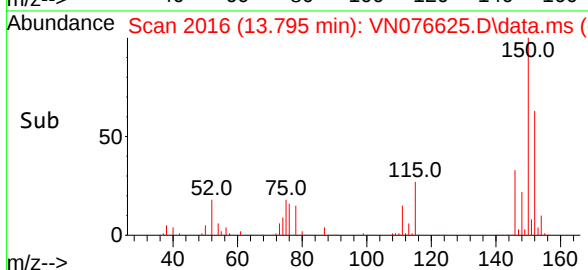
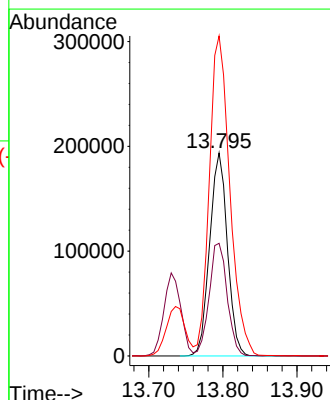
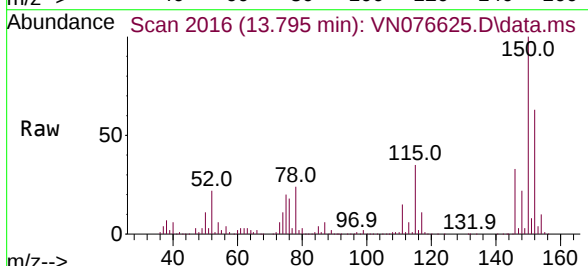
RT: 13.795 min Scan# 2016

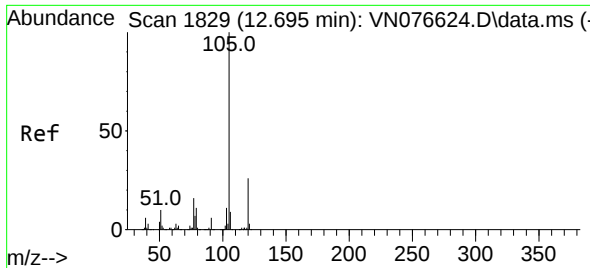
Delta R.T. 0.001 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

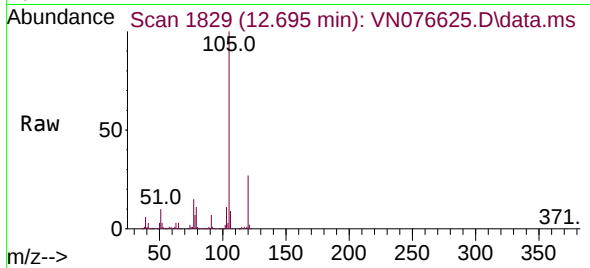
Tgt Ion:152 Resp: 322187
 Ion Ratio Lower Upper
 152 100
 115 56.5 30.8 92.3
 150 182.0 0.0 348.8





#73
Isopropylbenzene
Concen: 67.491 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

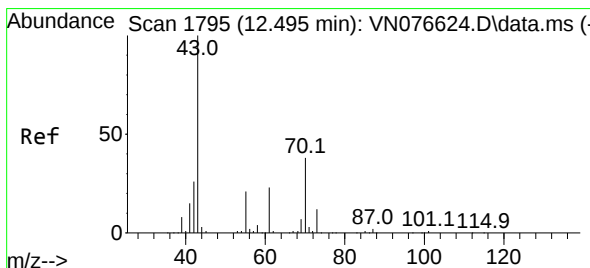
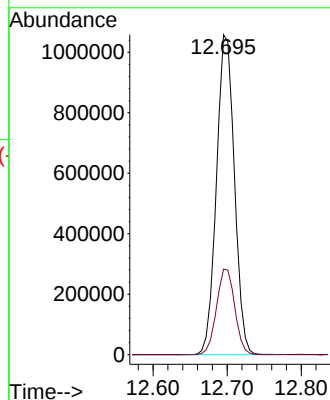
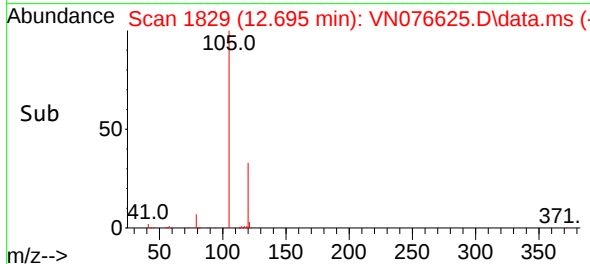
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:105 Resp: 1780839
Ion Ratio Lower Upper
105 100
120 27.2 13.0 39.0

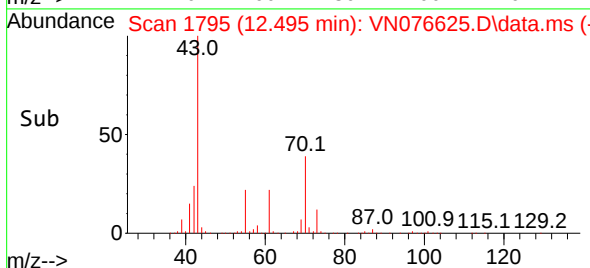
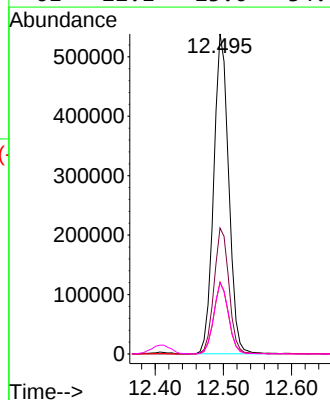
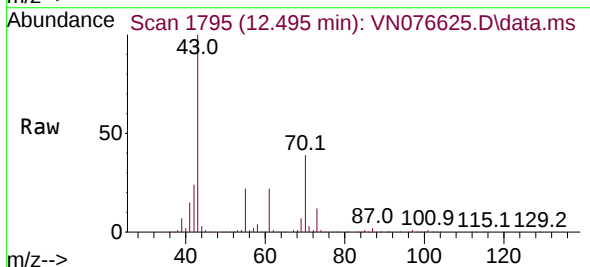
Manual Integrations
APPROVED

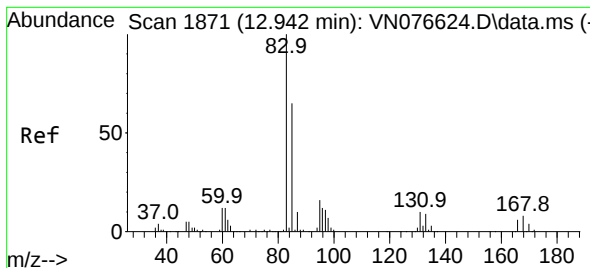
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#74
N-ethyl acetate
Concen: 112.269 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Tgt Ion: 43 Resp: 826119
Ion Ratio Lower Upper
43 100
70 39.3 43.1 64.7#
55 22.0 22.4 33.6#
61 22.1 23.0 34.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 76.739 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.001 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 83 Resp: 55501

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

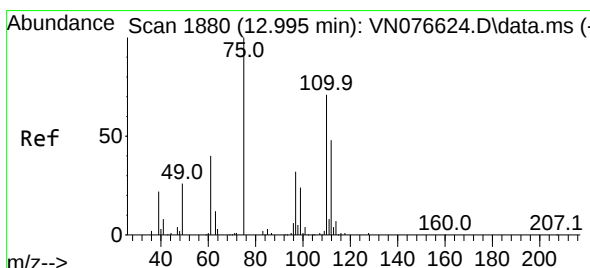
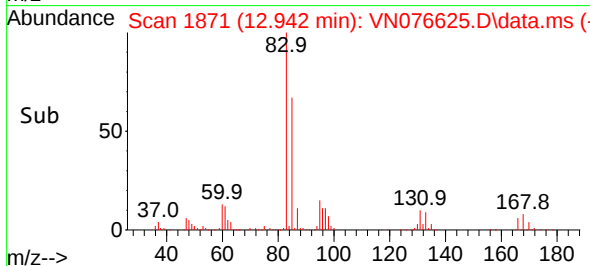
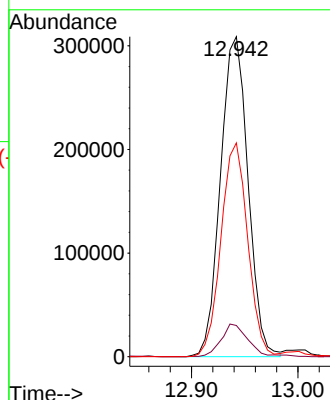
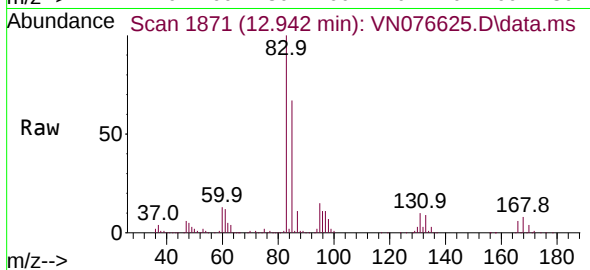
85 64.9 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#76

1,2,3-Trichloropropane

Concen: 77.375 ug/l m

RT: 12.995 min Scan# 1880

Delta R.T. 0.001 min

Lab File: VN076625.D

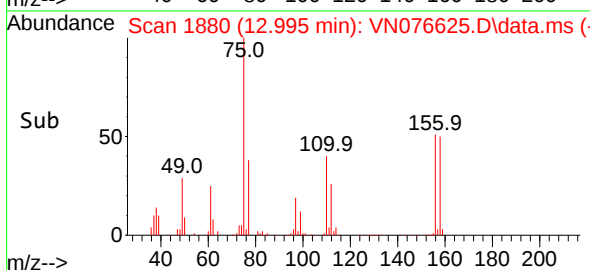
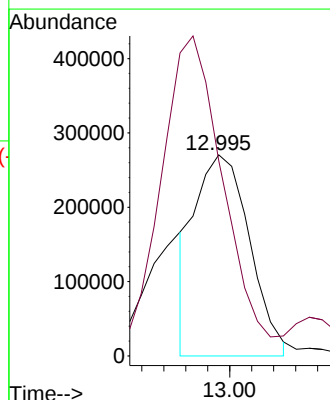
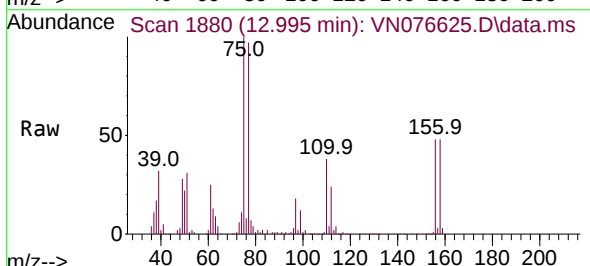
Acq: 13 Feb 2023 12:15

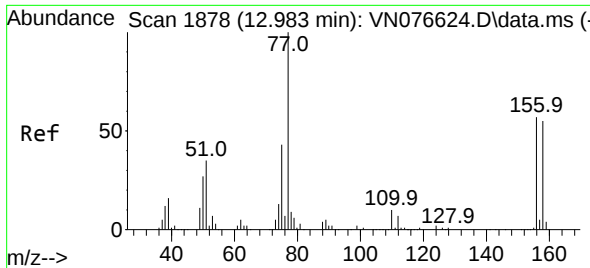
Tgt Ion: 75 Resp: 465120

Ion Ratio Lower Upper

75 100

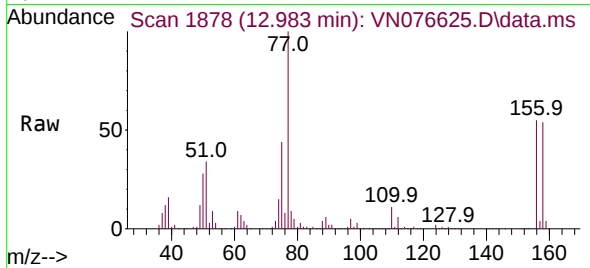
77 182.6 87.5 262.5





#77
Bromobenzene
Concen: 68.966 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

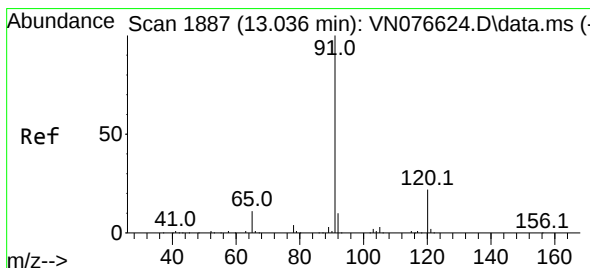
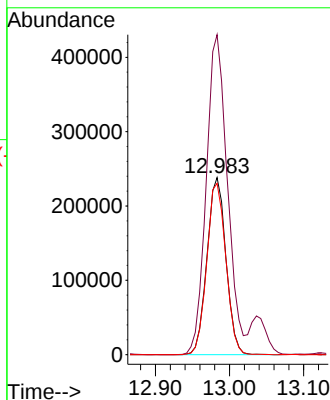
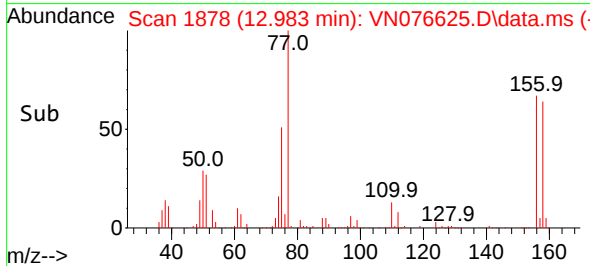
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:156 Resp: 42328
Ion Ratio Lower Upper
156 100
77 200.7 101.6 304.9
158 97.3 48.9 146.7

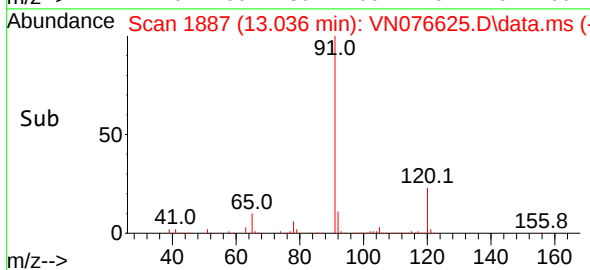
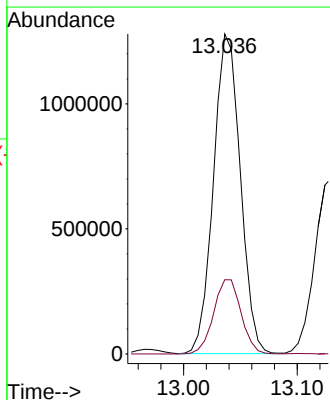
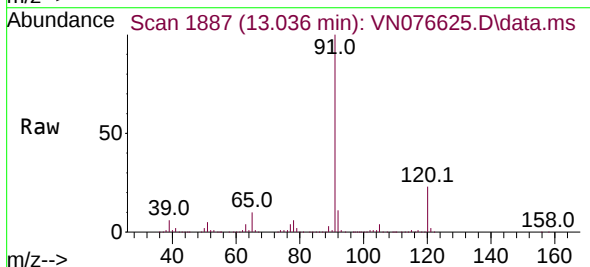
Manual Integrations
APPROVED

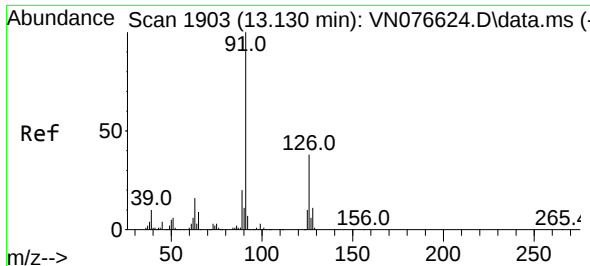
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#78
n-propylbenzene
Concen: 72.232 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Tgt Ion: 91 Resp: 2098652
Ion Ratio Lower Upper
91 100
120 23.8 11.6 34.8





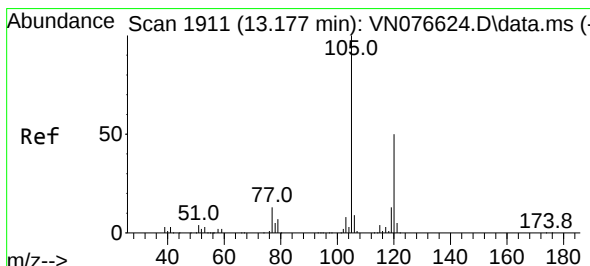
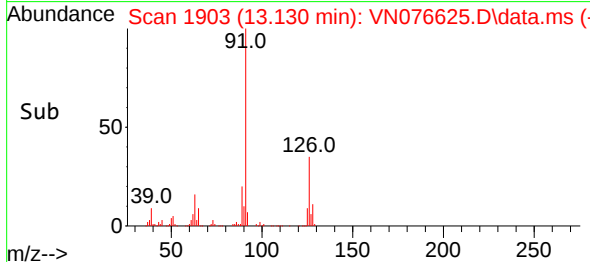
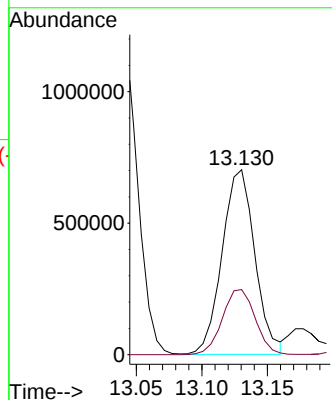
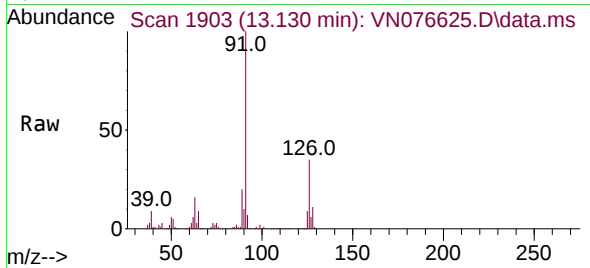
#79
2-Chlorotoluene
Concen: 66.021 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 1221918
Ion Ratio Lower Upper
91 100
126 35.4 16.8 50.3

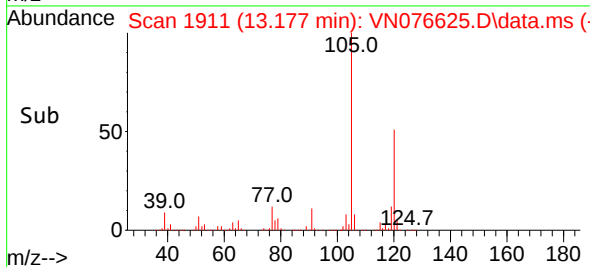
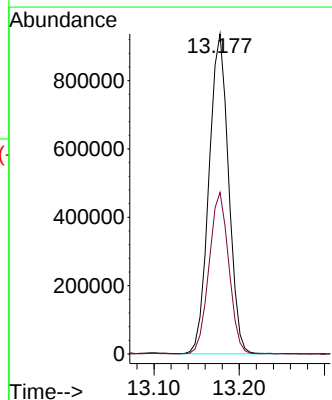
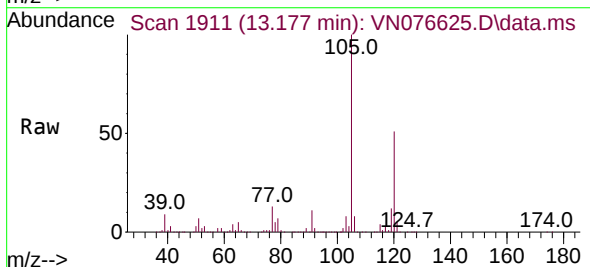
Manual Integrations
APPROVED

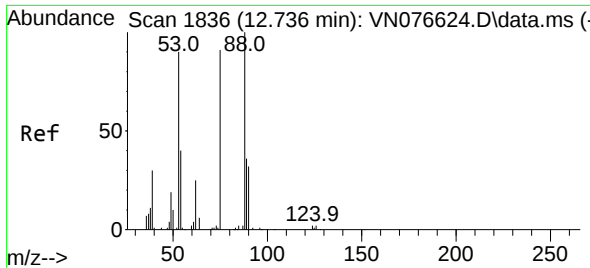
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 68.125 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

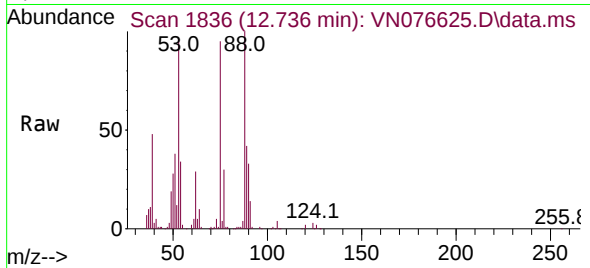
Tgt Ion:105 Resp: 1491890
Ion Ratio Lower Upper
105 100
120 51.0 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 91.887 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.005 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

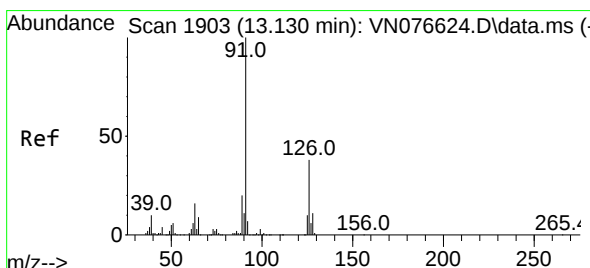
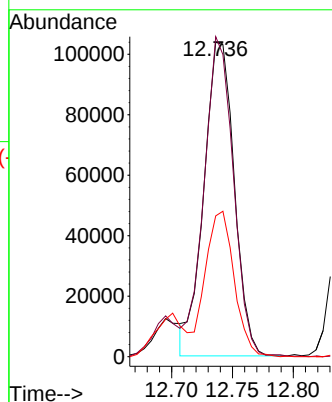
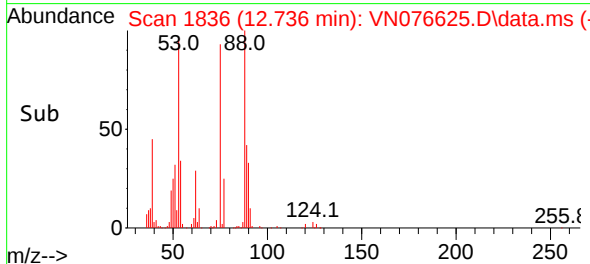
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 75 Resp: 17988
Ion Ratio Lower Upper
75 100
53 99.2 77.1 115.7
89 44.6 41.5 62.3

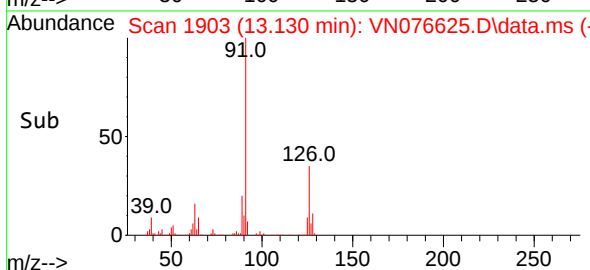
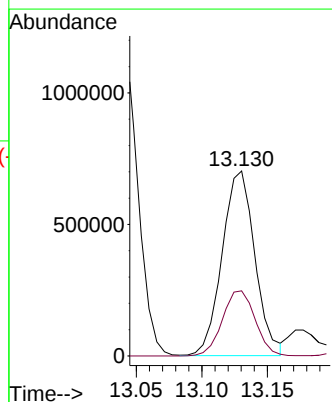
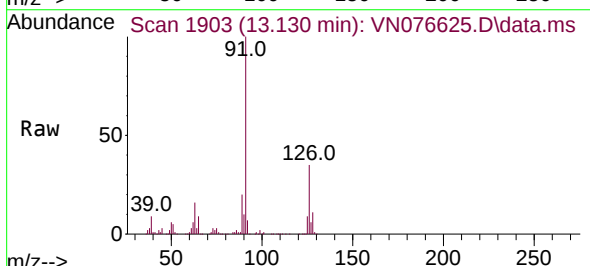
Manual Integrations
APPROVED

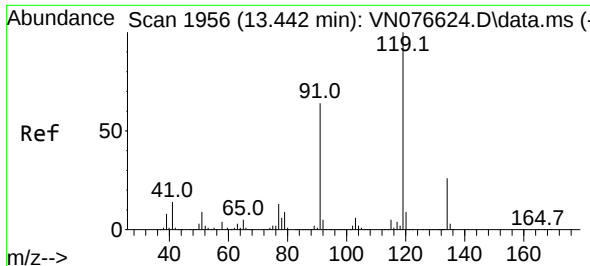
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#82
4-Chlorotoluene
Concen: 66.021 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

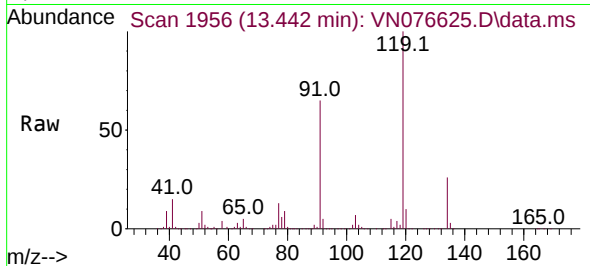
Tgt Ion: 91 Resp: 1221918
Ion Ratio Lower Upper
91 100
126 35.4 16.8 50.3





#83
tert-Butylbenzene
Concen: 66.735 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

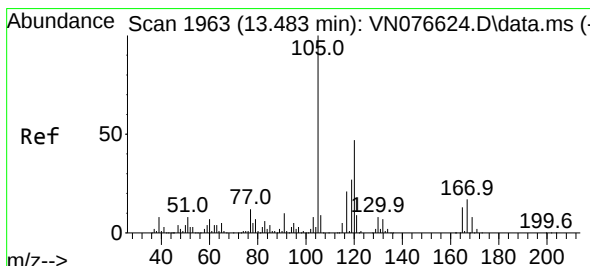
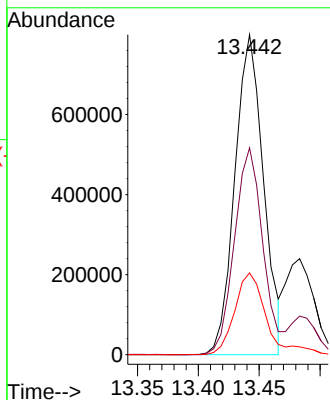
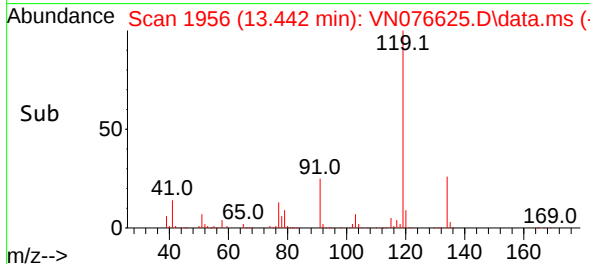
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



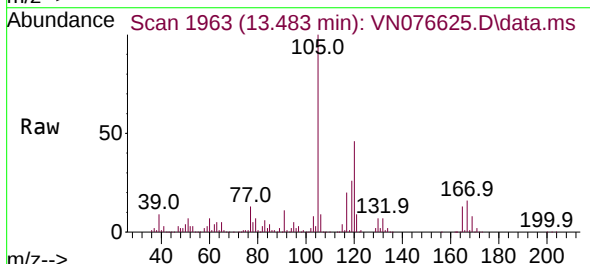
Tgt Ion:119 Resp: 130901
Ion Ratio Lower Upper
119 100
91 65.0 33.2 99.6
134 28.2 13.4 40.1

Manual Integrations
APPROVED

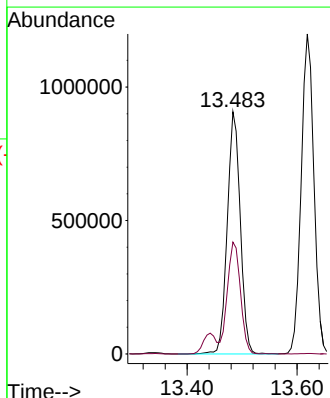
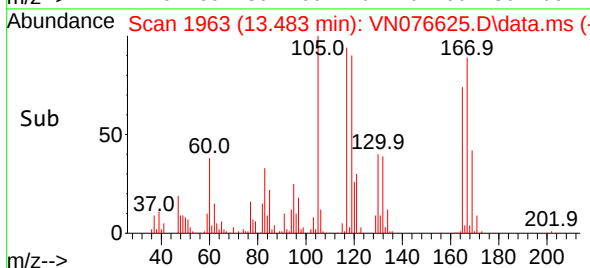
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

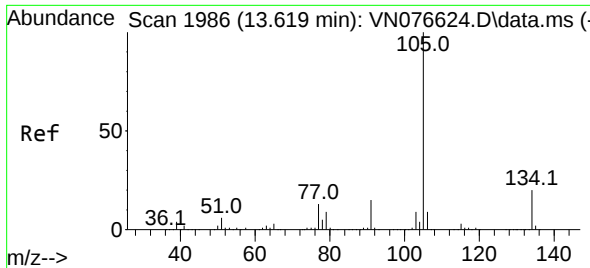


#84
1,2,4-Trimethylbenzene
Concen: 68.419 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15



Tgt Ion:105 Resp: 1491100
Ion Ratio Lower Upper
105 100
120 47.1 22.3 66.8





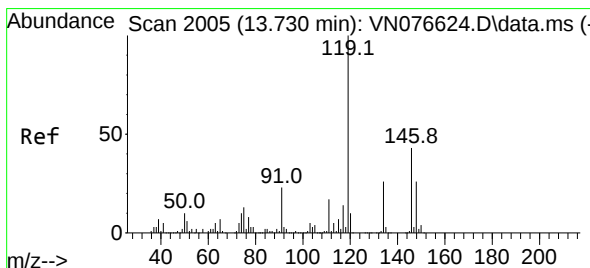
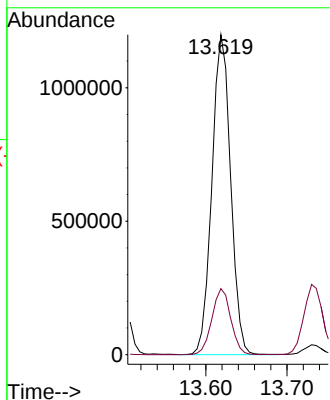
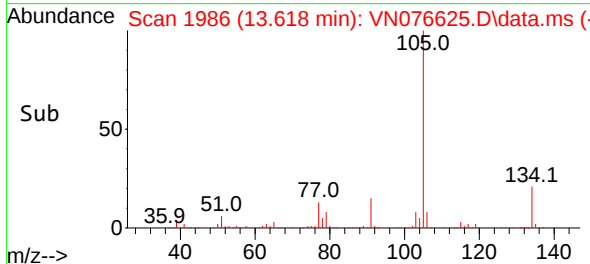
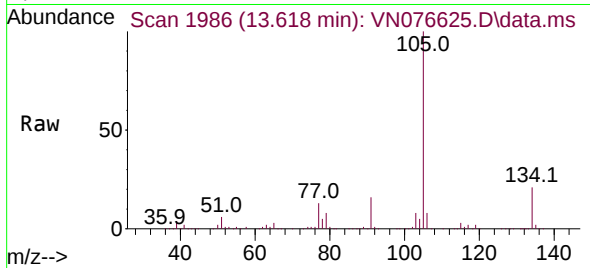
#85
 sec-Butylbenzene
 Concen: 72.625 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076625.D
 Acq: 13 Feb 2023 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Tgt Ion:105 Resp: 1920989
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.1

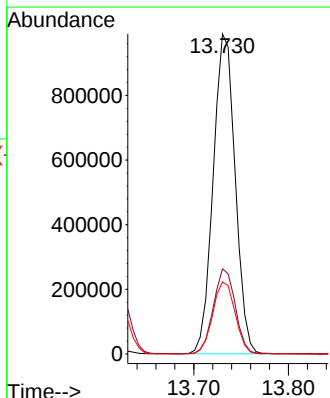
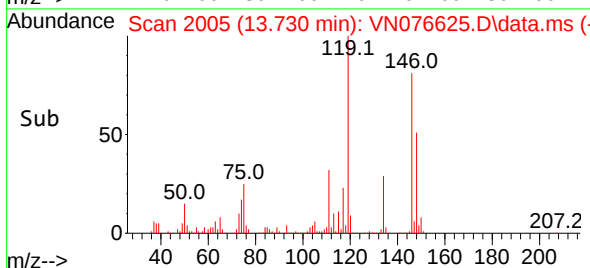
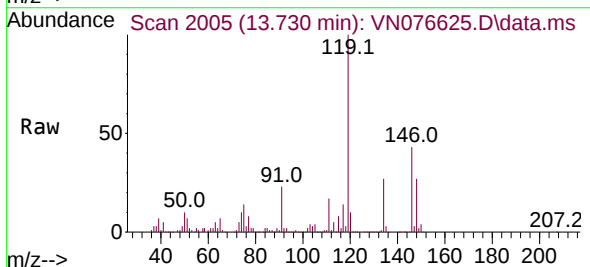
Manual Integrations
 APPROVED

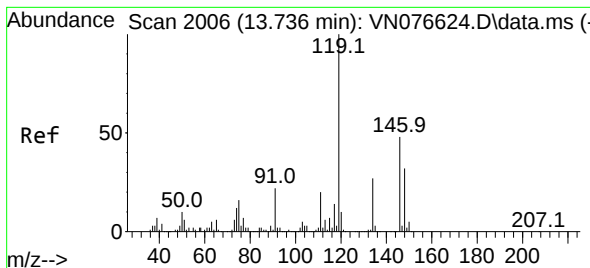
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#86
 p-Isopropyltoluene
 Concen: 73.645 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.001 min
 Lab File: VN076625.D
 Acq: 13 Feb 2023 12:15

Tgt Ion:119 Resp: 1596356
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.4
 91 22.9 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 71.728 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.001 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:146 Resp: 810259

Ion Ratio Lower Upper

146 100

111 39.3 20.3 61.0

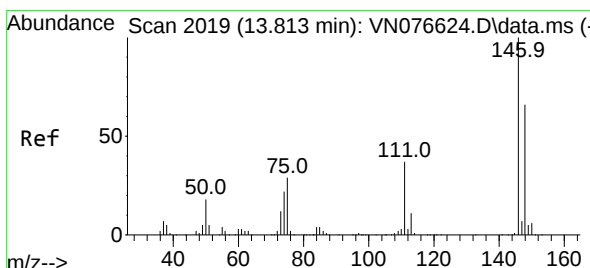
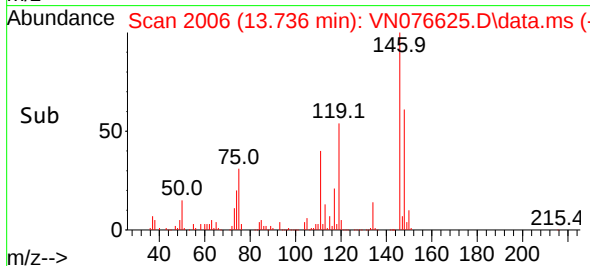
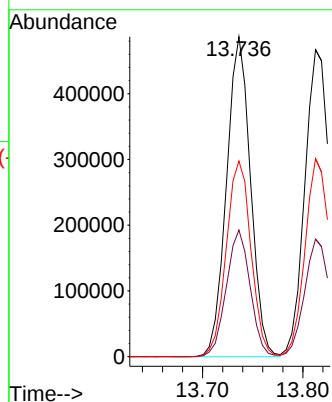
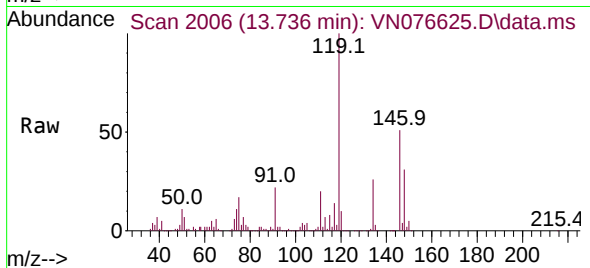
148 63.0 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#88

1,4-Dichlorobenzene

Concen: 70.770 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. 0.001 min

Lab File: VN076625.D

Acq: 13 Feb 2023 12:15

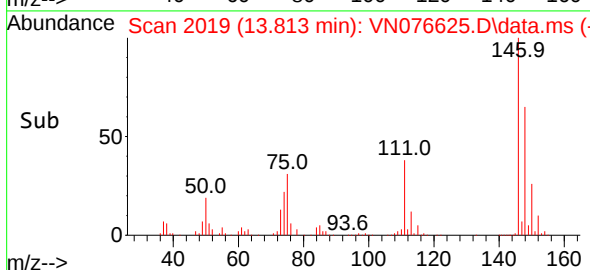
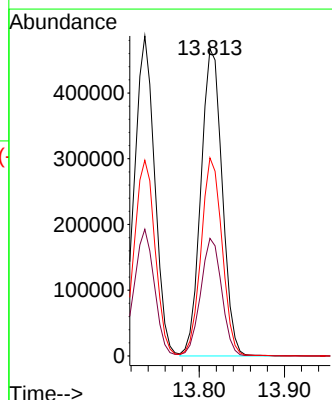
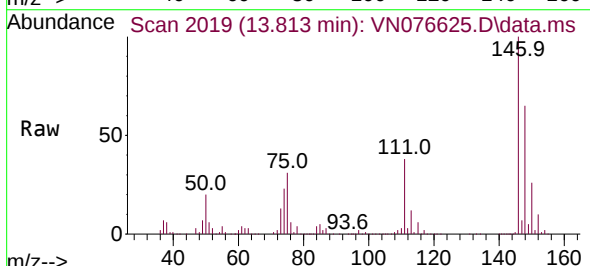
Tgt Ion:146 Resp: 812059

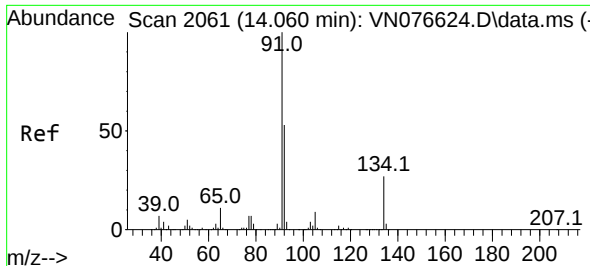
Ion Ratio Lower Upper

146 100

111 38.0 19.8 59.4

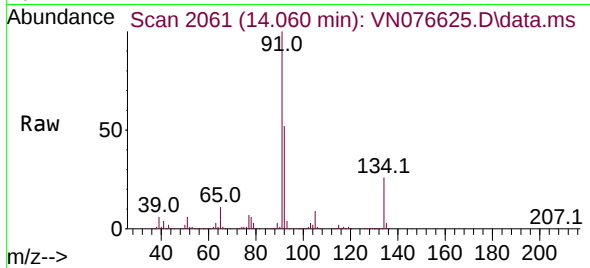
148 63.6 31.6 94.8





#89
n-Butylbenzene
Concen: 82.611 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

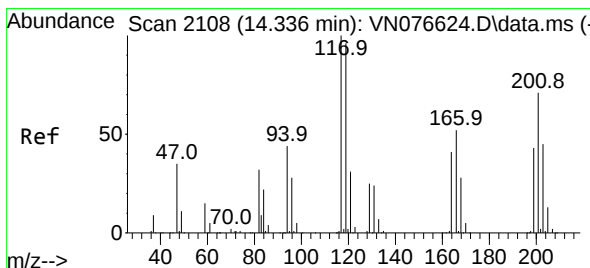
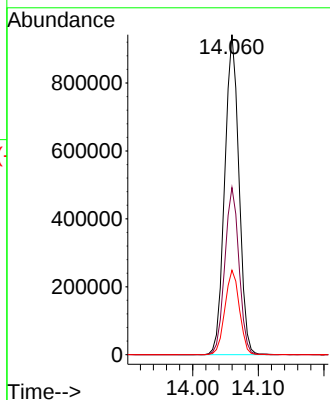
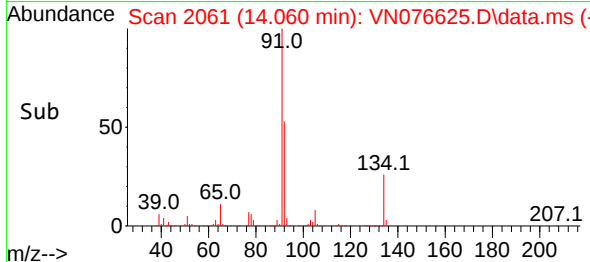
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 91 Resp: 1417978
Ion Ratio Lower Upper
91 100
92 52.1 27.0 80.8
134 26.8 13.1 39.3

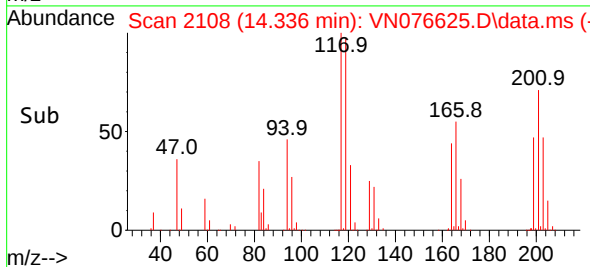
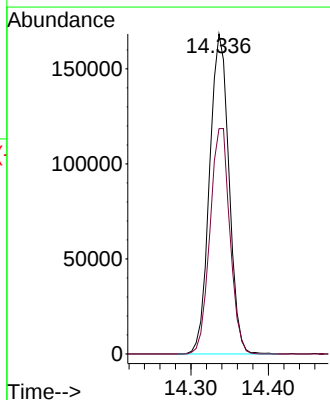
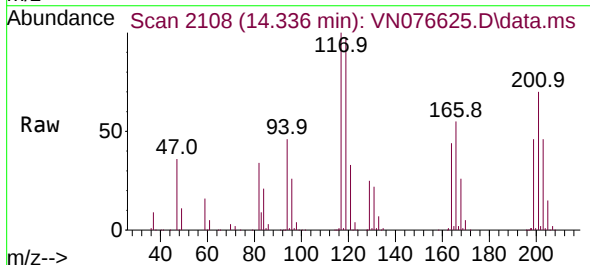
Manual Integrations
APPROVED

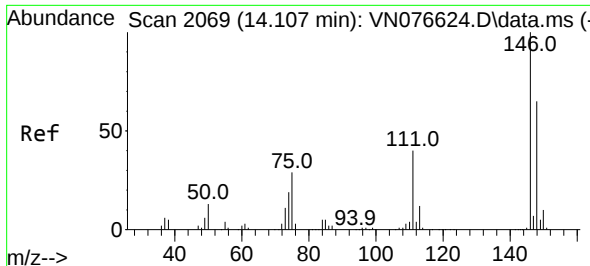
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#90
Hexachloroethane
Concen: 77.600 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

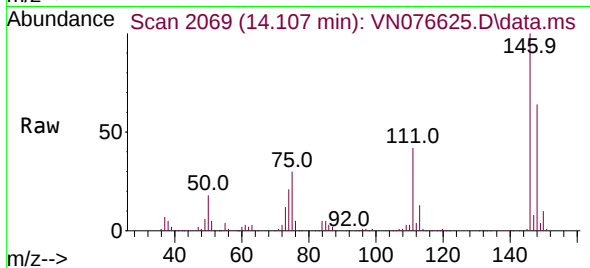
Tgt Ion:117 Resp: 292997
Ion Ratio Lower Upper
117 100
201 72.2 37.2 111.6





#91
1,2-Dichlorobenzene
Concen: 73.471 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

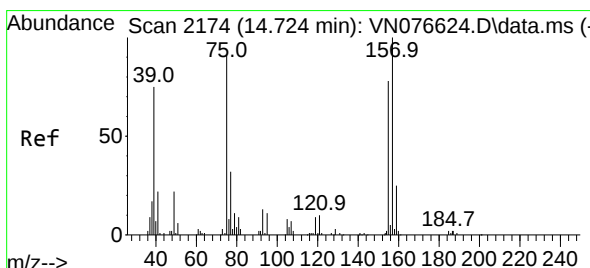
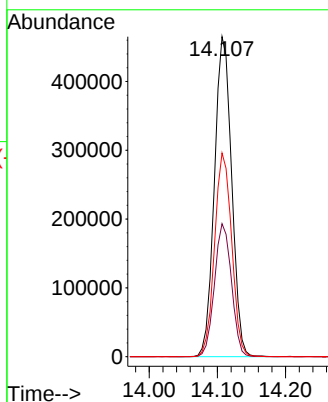
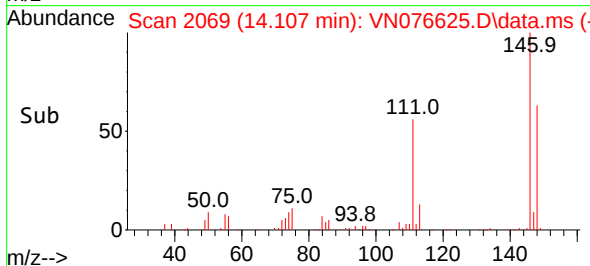
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



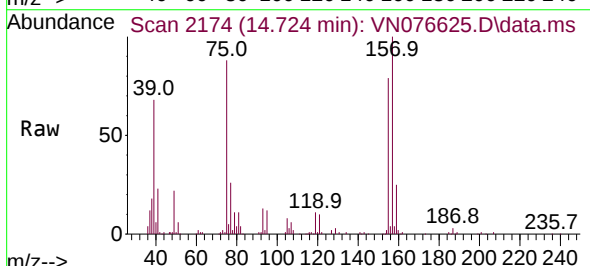
Tgt Ion:146 Resp: 81825
Ion Ratio Lower Upper
146 100
111 41.0 21.4 64.3
148 63.1 31.9 95.9

Manual Integrations
APPROVED

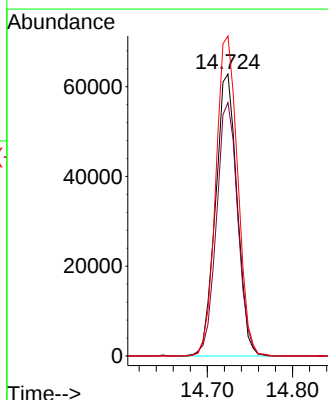
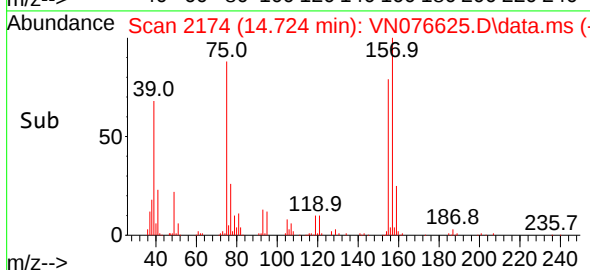
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

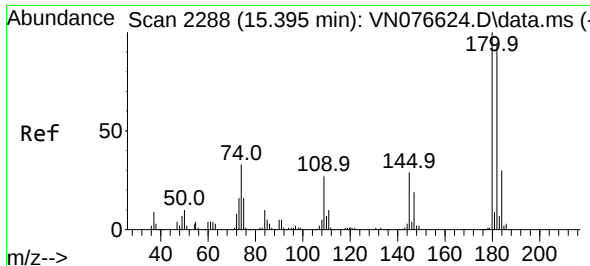


#92
1,2-Dibromo-3-Chloropropane
Concen: 88.402 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15



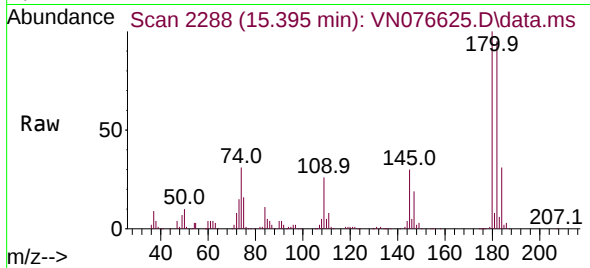
Tgt Ion: 75 Resp: 110655
Ion Ratio Lower Upper
75 100
155 88.7 44.8 134.4
157 114.9 58.4 175.1





#93
1,2,4-Trichlorobenzene
Concen: 94.052 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

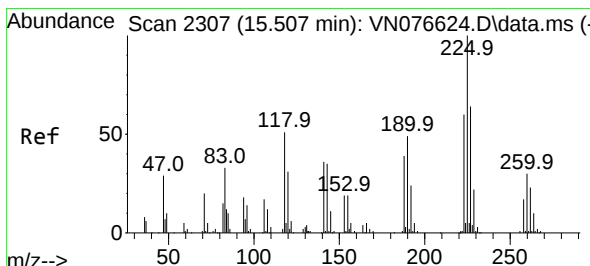
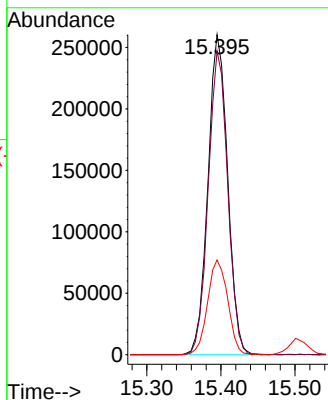
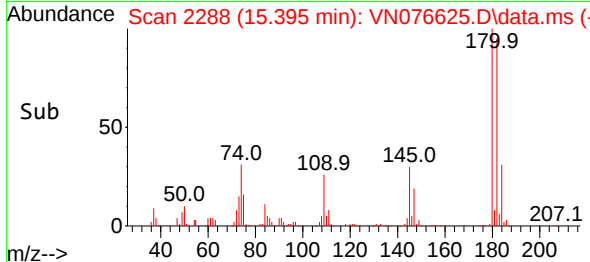
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



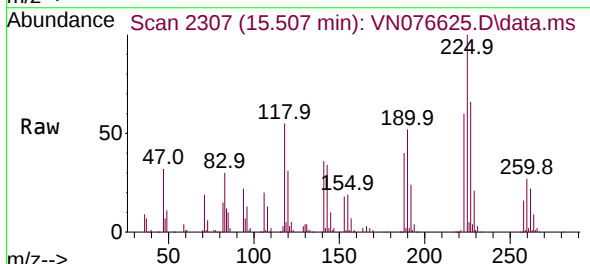
Tgt Ion:180 Resp: 479974
Ion Ratio Lower Upper
180 100
182 93.8 47.4 142.2
145 30.3 16.3 48.8

Manual Integrations
APPROVED

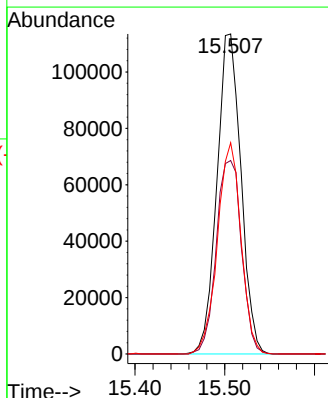
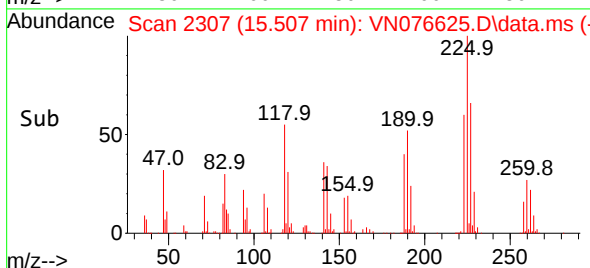
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

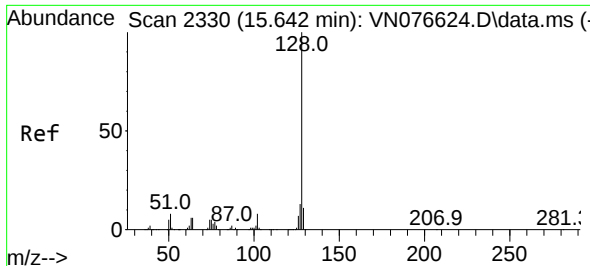


#94
Hexachlorobutadiene
Concen: 73.593 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15



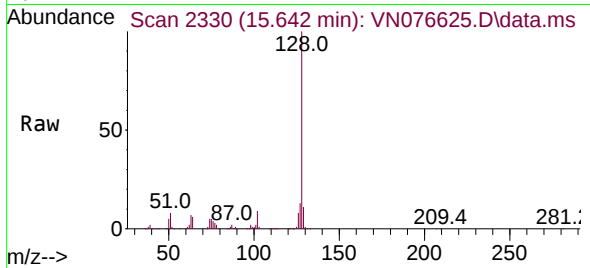
Tgt Ion:225 Resp: 211182
Ion Ratio Lower Upper
225 100
223 63.5 31.2 93.6
227 64.6 31.8 95.3





#95
Naphthalene
Concen: 102.942 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15

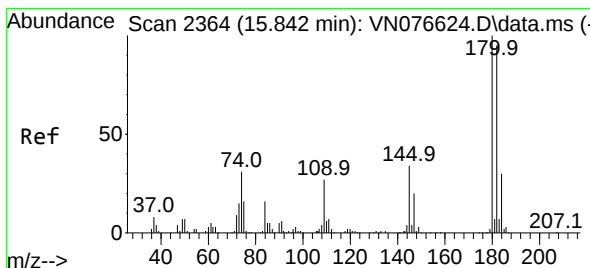
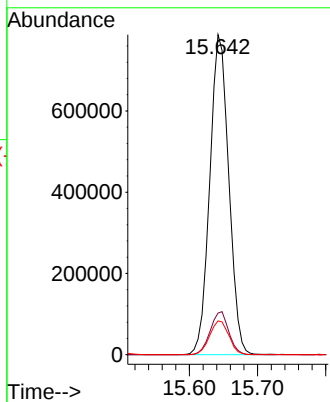
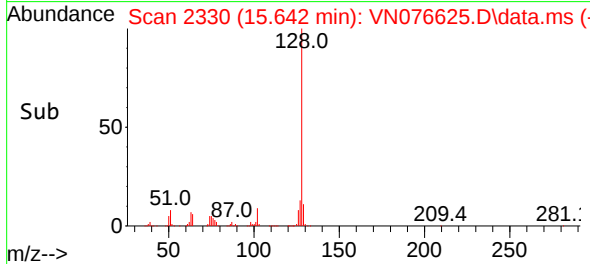
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



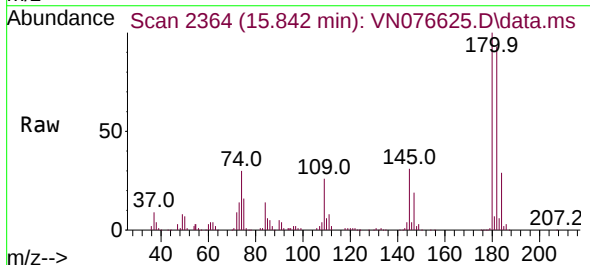
Tgt Ion:128 Resp: 152836
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 94.123 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.001 min
Lab File: VN076625.D
Acq: 13 Feb 2023 12:15



Tgt Ion:180 Resp: 460001
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 32.4 17.2 51.5

