

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075016.D
 Acq On : 26 Oct 2022 11:01
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 27 06:07:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 06:06:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	96004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	176742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	154396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	7038	5.441	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.880%#		
35) Dibromofluoromethane	8.171	113	5369	5.175	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.340%#		
50) Toluene-d8	10.571	98	19668	4.886	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.780%#		
62) 4-Bromofluorobenzene	12.853	95	6490	4.590	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.180%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	5785	4.632	ug/l	90
3) Chloromethane	2.377	50	7103	5.354	ug/l	95
4) Vinyl Chloride	2.524	62	10641	5.623	ug/l	91
5) Bromomethane	2.918	94	9891	6.377	ug/l	90
6) Chloroethane	3.100	64	8105	5.973	ug/l	96
7) Trichlorofluoromethane	3.495	101	10857	5.616	ug/l	90
8) Diethyl Ether	3.971	74	3858	5.471	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	5932	5.556	ug/l	97
10) Methyl Iodide	4.594	142	8876	5.584	ug/l	95
11) Tert butyl alcohol	5.536	59	9198	30.491	ug/l #	82
12) 1,1-Dichloroethene	4.347	96	5594	5.497	ug/l #	80
13) Acrolein	4.189	56	7014	28.427	ug/l	97
14) Allyl chloride	5.030	41	8792	5.915	ug/l	97
15) Acrylonitrile	5.730	53	17368	27.255	ug/l	98
16) Acetone	4.442	43	16205	29.586	ug/l	98
17) Carbon Disulfide	4.718	76	13916	5.438	ug/l	97
18) Methyl Acetate	5.047	43	9687	5.414	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	20377	5.387	ug/l	100
20) Methylene Chloride	5.283	84	7069	5.788	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	6124	5.496	ug/l #	81
22) Diisopropyl ether	6.683	45	17371	5.296	ug/l	96
23) Vinyl Acetate	6.618	43	72237m	28.353	ug/l	
24) 1,1-Dichloroethane	6.583	63	11657	5.619	ug/l	95
25) 2-Butanone	7.494	43	23406	27.169	ug/l	100
26) 2,2-Dichloropropane	7.494	77	10774	5.646	ug/l	93
27) cis-1,2-Dichloroethene	7.494	96	7084	5.324	ug/l	91
28) Bromochloromethane	7.824	49	4419	5.053	ug/l #	93
29) Tetrahydrofuran	7.847	42	14464	25.982	ug/l	99
30) Chloroform	7.977	83	12465	5.534	ug/l	94
31) Cyclohexane	8.259	56	12045	6.261	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	10879	5.319	ug/l	94
36) 1,1-Dichloropropene	8.377	75	8313	5.175	ug/l	99
37) Ethyl Acetate	7.577	43	10654	6.048	ug/l #	84
38) Carbon Tetrachloride	8.365	117	9045	5.119	ug/l	86
39) Methylcyclohexane	9.606	83	11033	5.203	ug/l	94
40) Benzene	8.612	78	26394	5.366	ug/l	98

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 06:07:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 06:06:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	4570	5.415	ug/l	95
42) 1,2-Dichloroethane	8.677	62	9958	5.565	ug/l	98
43) Isopropyl Acetate	8.694	43	14613	5.348	ug/l	99
44) Trichloroethene	9.359	130	6875	5.572	ug/l	99
45) 1,2-Dichloropropane	9.618	63	6088	5.201	ug/l	93
46) Dibromomethane	9.706	93	5001	5.484	ug/l	94
47) Bromodichloromethane	9.888	83	9878	5.594	ug/l	99
48) Methyl methacrylate	9.688	41	6738	5.376	ug/l	93
49) 1,4-Dioxane	9.694	88	3345	101.910	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	46721	26.496	ug/l	96
52) Toluene	10.635	92	16612	5.053	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	8865	4.756	ug/l	89
54) cis-1,3-Dichloropropene	10.312	75	9998	5.057	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	7023	5.387	ug/l	94
56) Ethyl methacrylate	10.876	69	9495	4.775	ug/l	90
57) 1,3-Dichloropropane	11.165	76	11469	5.283	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	17113	22.261	ug/l	98
59) 2-Hexanone	11.200	43	35038	26.181	ug/l	96
60) Dibromochloromethane	11.365	129	6561	4.770	ug/l	97
61) 1,2-Dibromoethane	11.470	107	6752	5.054	ug/l	97
64) Tetrachloroethene	11.106	164	5290	5.589	ug/l	89
65) Chlorobenzene	11.894	112	17751	5.386	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	6572	5.376	ug/l	96
67) Ethyl Benzene	11.965	91	30175	5.089	ug/l	99
68) m/p-Xylenes	12.076	106	23539	9.894	ug/l	95
69) o-Xylene	12.400	106	11933	5.072	ug/l	99
70) Styrene	12.417	104	17465	4.655	ug/l	96
71) Bromoform	12.582	173	4113	4.494	ug/l #	100
73) Isopropylbenzene	12.700	105	30042	5.633	ug/l	96
74) N-amyl acetate	12.494	43	11541	5.851	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	10699	6.150	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	8301m	5.282	ug/l	
77) Bromobenzene	12.982	156	6703	5.708	ug/l	94
78) n-propylbenzene	13.041	91	32532	5.433	ug/l	99
79) 2-Chlorotoluene	13.129	91	20904	5.713	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	24238	5.411	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	2835	5.159	ug/l	90
82) 4-Chlorotoluene	13.129	91	20904	5.713	ug/l	98
83) tert-Butylbenzene	13.441	119	21927	5.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	24223	5.345	ug/l	97
85) sec-Butylbenzene	13.617	105	29232	5.250	ug/l	97
86) p-Isopropyltoluene	13.729	119	22353	4.861	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	12255	5.330	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	12361	5.432	ug/l	95
89) n-Butylbenzene	14.059	91	18066	4.879	ug/l	99
90) Hexachloroethane	14.335	117	4546	5.392	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	12480	5.460	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2045	5.685	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	4953	5.036	ug/l	98
94) Hexachlorobutadiene	15.506	225	2807	5.854	ug/l	91
95) Naphthalene	15.641	128	19009	5.025	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	4843	4.955	ug/l	93

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

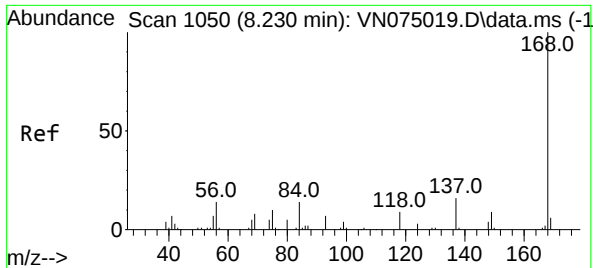
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 06:07:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 06:06:29 2022
Response via : Initial Calibration

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



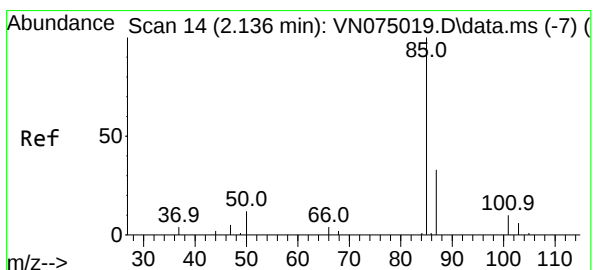
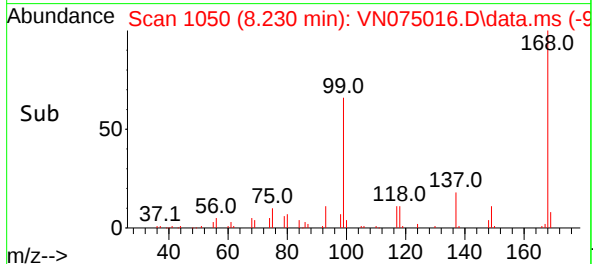
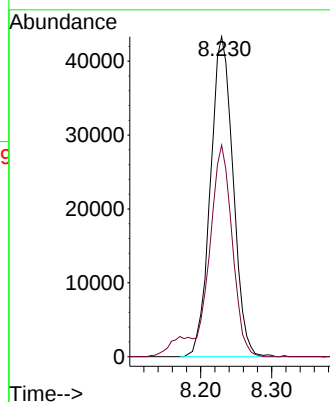
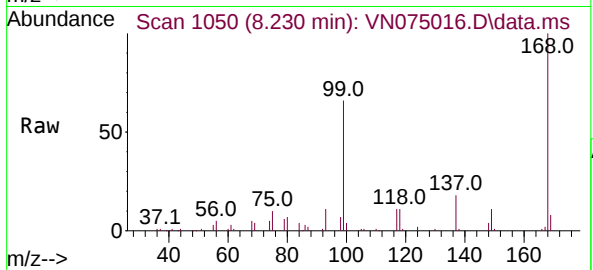
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 96004
Ion Ratio Lower Upper
168 100
99 66.1 51.6 77.4

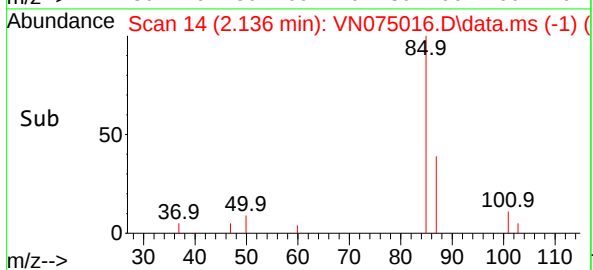
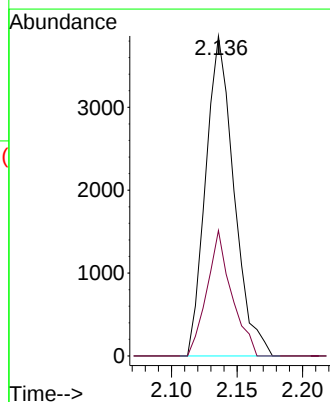
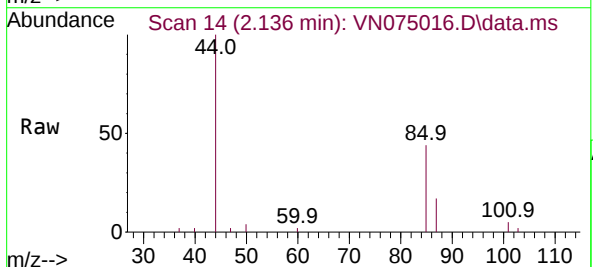
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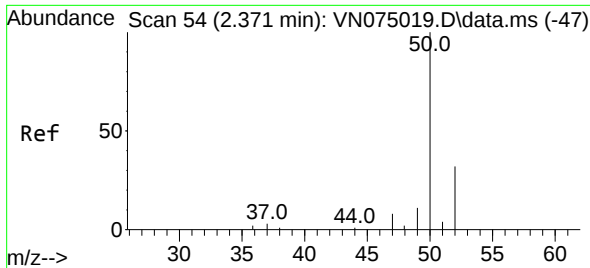
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 4.632 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion: 85 Resp: 5785
Ion Ratio Lower Upper
85 100
87 39.2 16.7 50.0





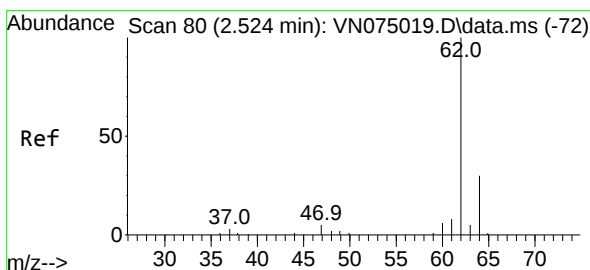
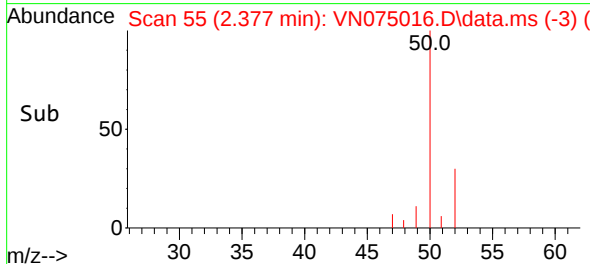
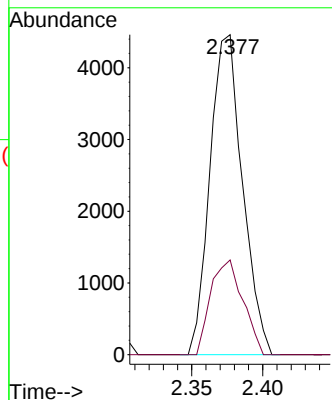
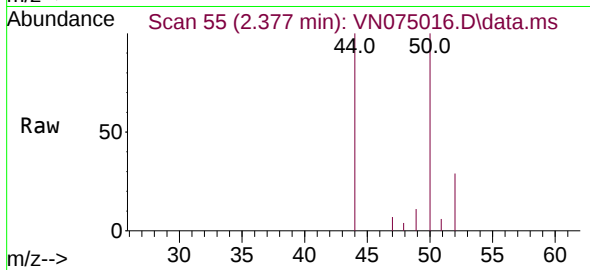
#3
Chloromethane
Concen: 5.354 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 710
Ion Ratio Lower Upper
50 100
52 29.6 25.8 38.6

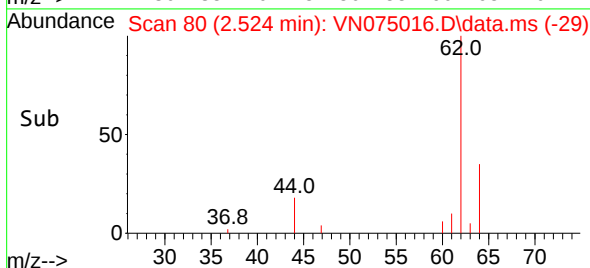
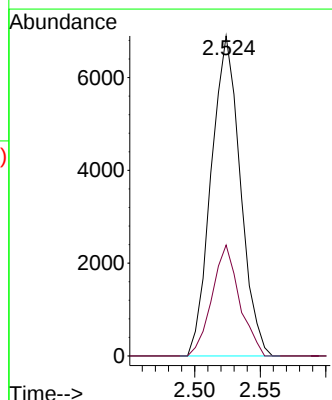
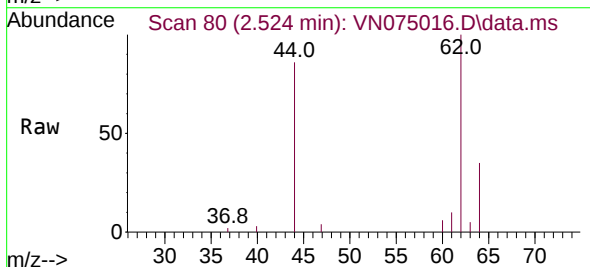
Manual Integrations
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#4
Vinyl Chloride
Concen: 5.623 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

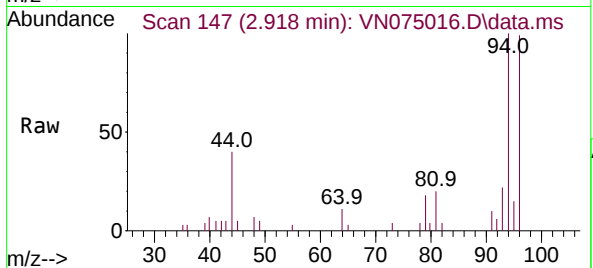
Tgt Ion: 62 Resp: 10641
Ion Ratio Lower Upper
62 100
64 34.6 24.0 36.0





#5
Bromomethane
Concen: 6.377 ug/l
RT: 2.918 min Scan# 147
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

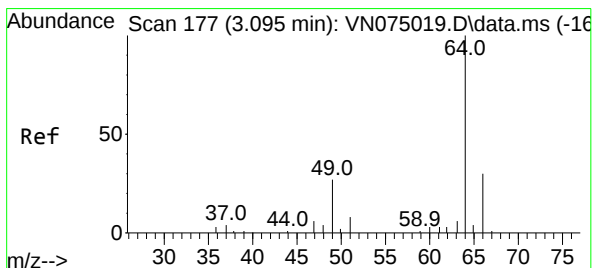
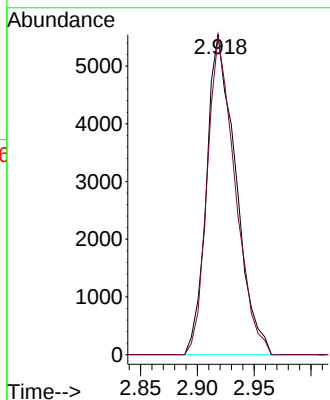
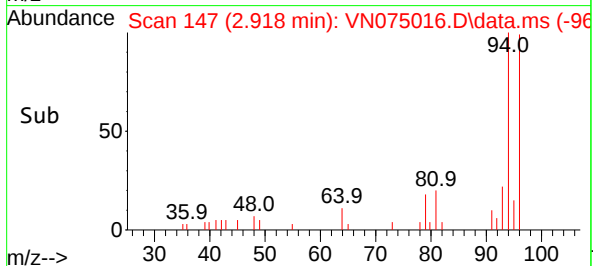
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 989
Ion Ratio Lower Upper
94 100
96 99.3 71.8 107.6

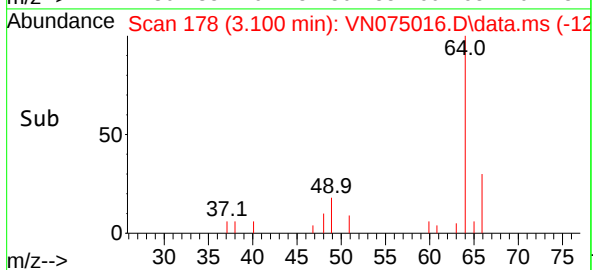
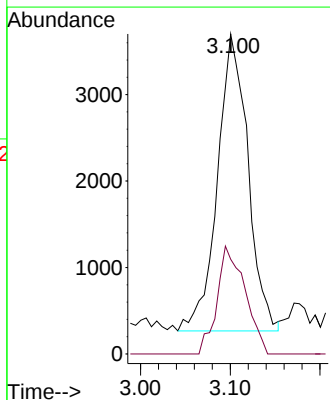
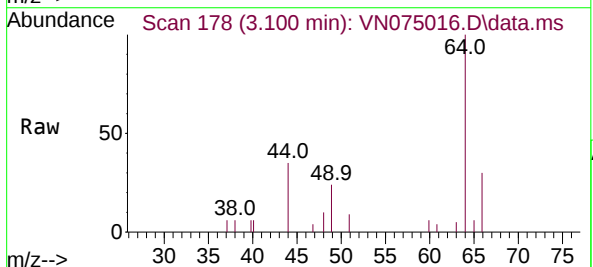
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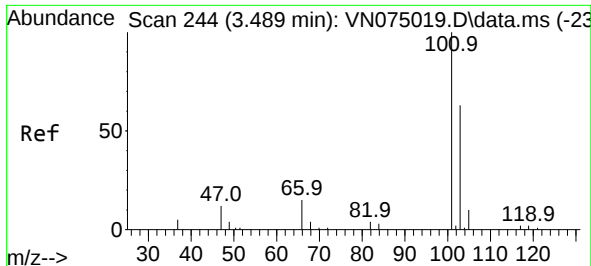
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#6
Chloroethane
Concen: 5.973 ug/l
RT: 3.100 min Scan# 178
Delta R.T. 0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

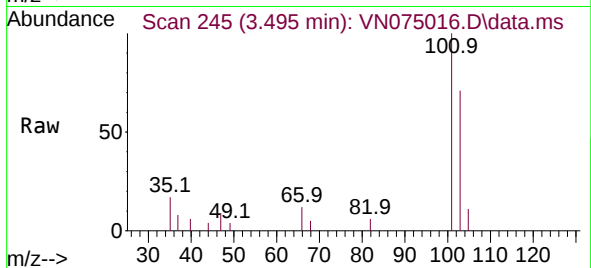
Tgt Ion: 64 Resp: 8105
Ion Ratio Lower Upper
64 100
66 31.9 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 5.616 ug/l
 RT: 3.495 min Scan# 244
 Delta R.T. 0.006 min
 Lab File: VN075016.D
 Acq: 26 Oct 2022 11:01

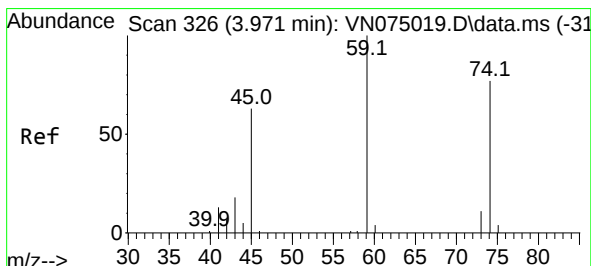
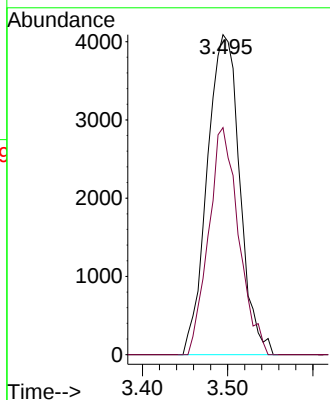
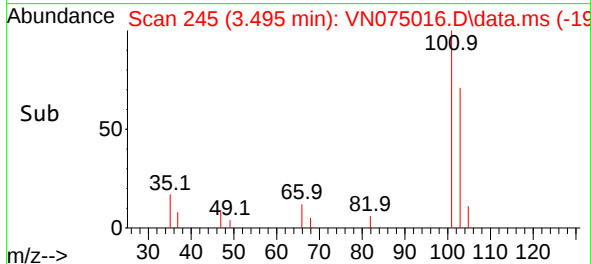
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 1085
 Ion Ratio Lower Upper
 101 100
 103 70.9 50.5 75.7

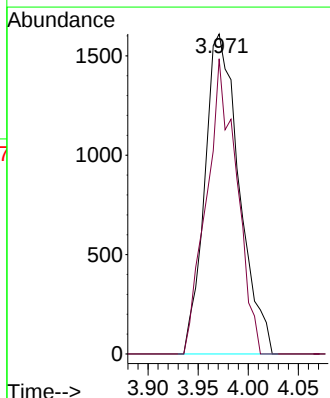
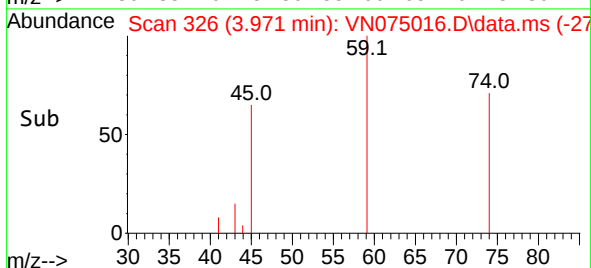
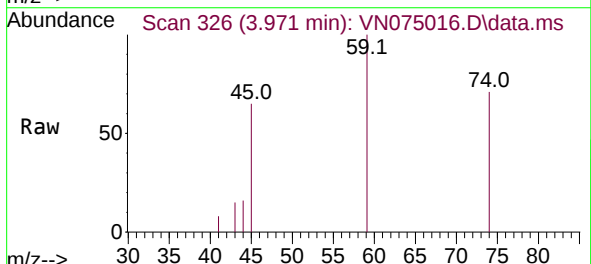
Manual Integrations
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Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#8
 Diethyl Ether
 Concen: 5.471 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN075016.D
 Acq: 26 Oct 2022 11:01

Tgt Ion: 74 Resp: 3858
 Ion Ratio Lower Upper
 74 100
 45 80.6 39.3 117.9





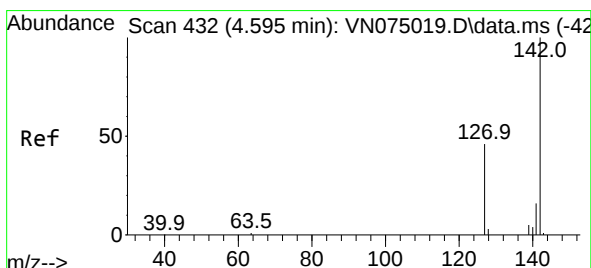
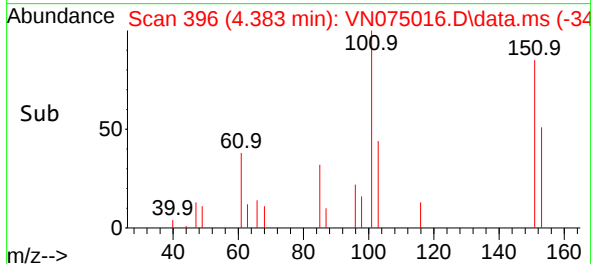
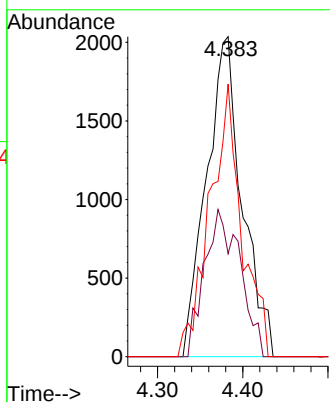
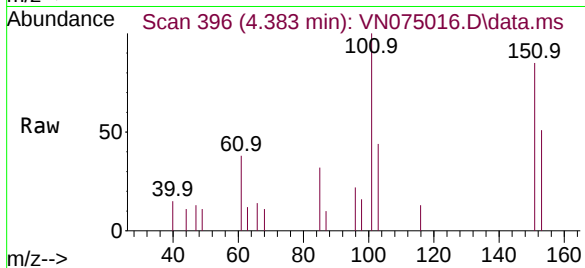
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.556 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 593
Ion Ratio Lower Upper
101 100
85 45.8 37.6 56.4
151 75.6 58.3 87.5

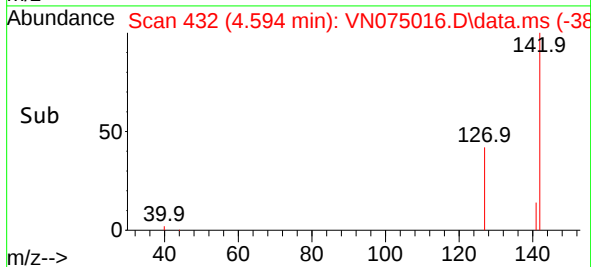
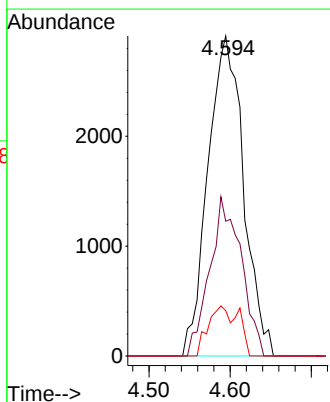
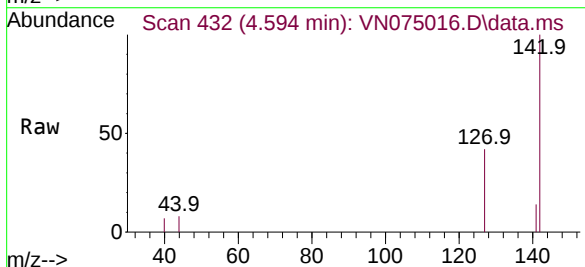
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 5.584 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion:142 Resp: 8876
Ion Ratio Lower Upper
142 100
127 44.0 38.0 57.0
141 13.3 12.2 18.4





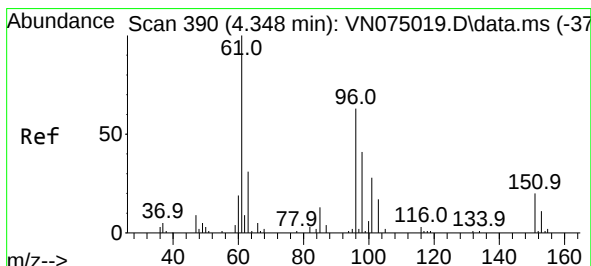
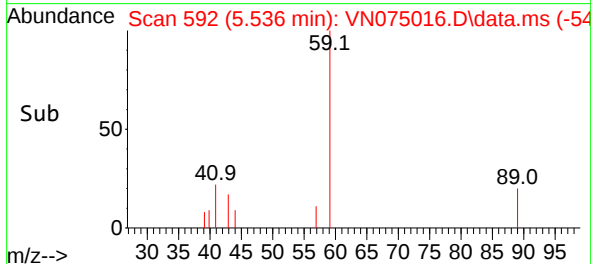
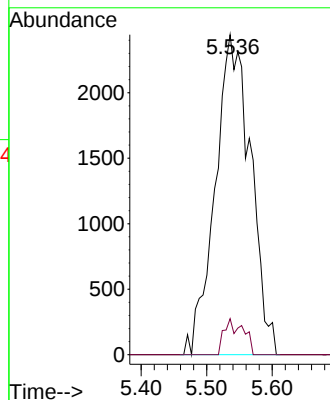
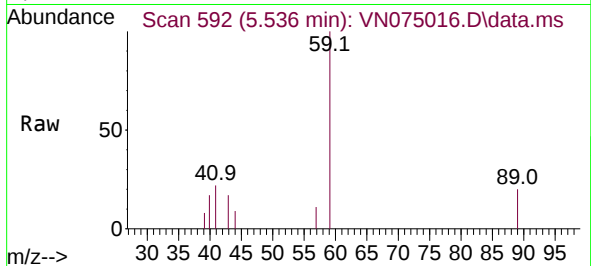
#11
Tert butyl alcohol
Concen: 30.491 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 9198
Ion Ratio Lower Upper
59 100
57 3.9 8.5 12.7

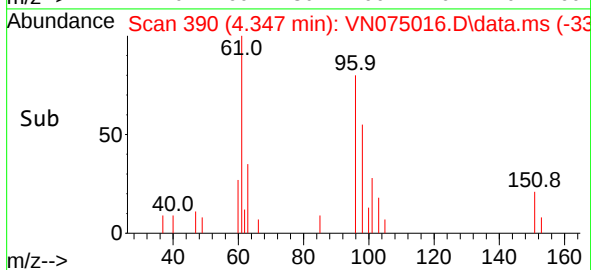
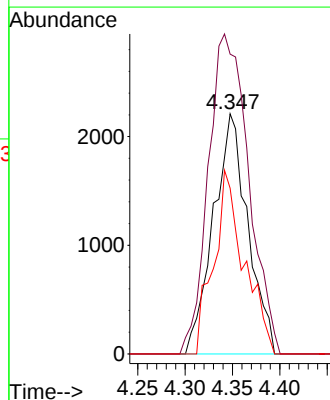
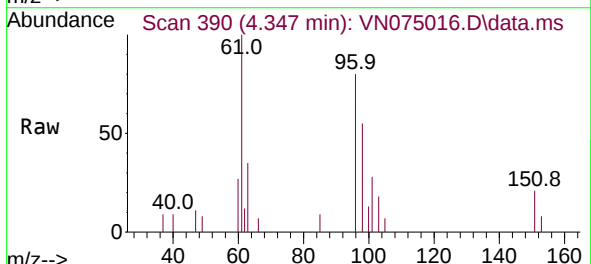
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 5.497 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

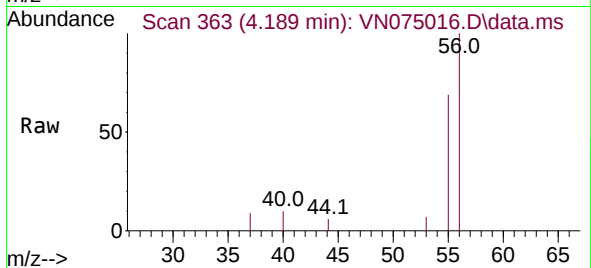
Tgt Ion: 96 Resp: 5594
Ion Ratio Lower Upper
96 100
61 124.9 126.2 189.4#
98 69.0 51.5 77.3





#13
Acrolein
Concen: 28.427 ug/l
RT: 4.189 min Scan# 301
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

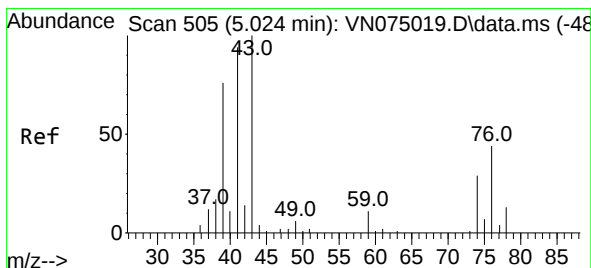
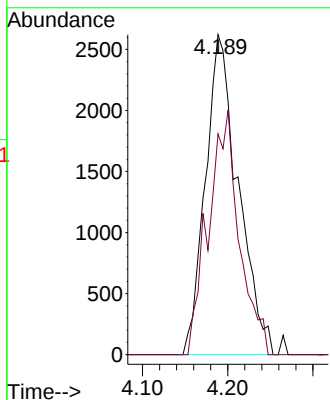
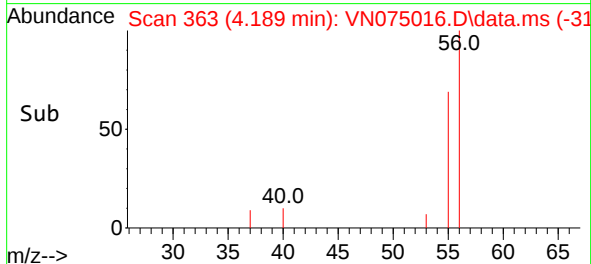
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



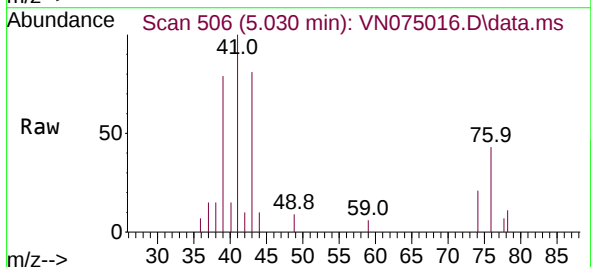
Tgt Ion: 56 Resp: 7014
Ion Ratio Lower Upper
56 100
55 71.8 55.2 82.8

Manual Integrations
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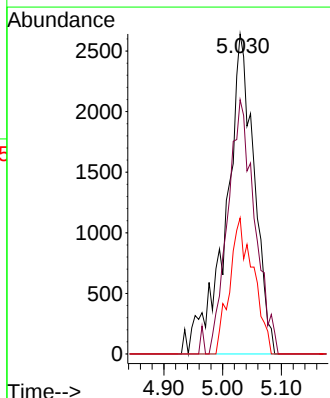
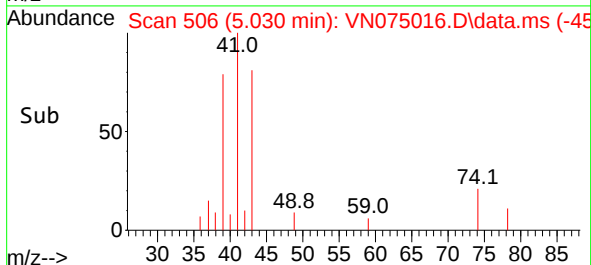
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Allyl chloride
Concen: 5.915 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01



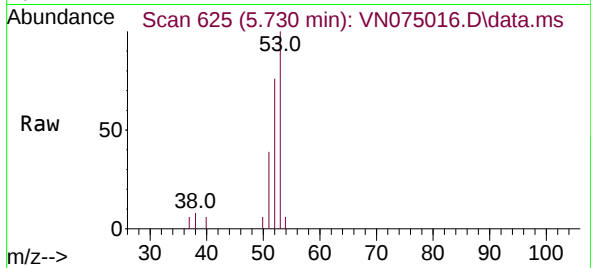
Tgt Ion: 41 Resp: 8792
Ion Ratio Lower Upper
41 100
39 76.0 61.0 91.4
76 35.9 33.4 50.0





#15
Acrylonitrile
Concen: 27.255 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

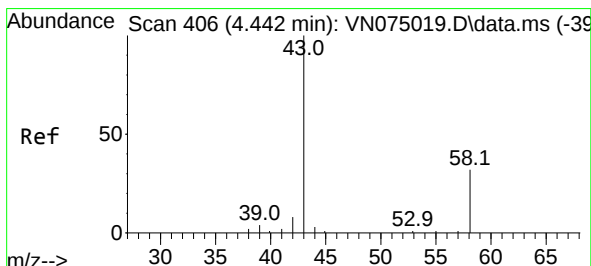
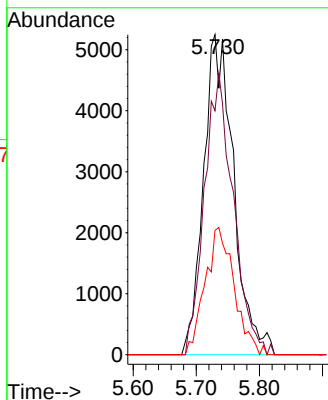
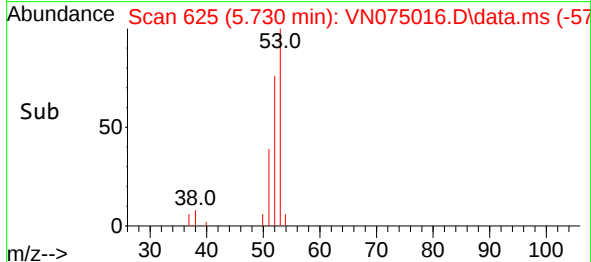
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



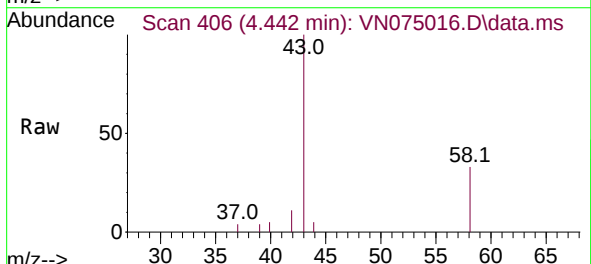
Tgt Ion: 53 Resp: 1736
Ion Ratio Lower Upper
53 100
52 84.6 66.4 99.6
51 38.5 29.6 44.4

Manual Integrations
APPROVED

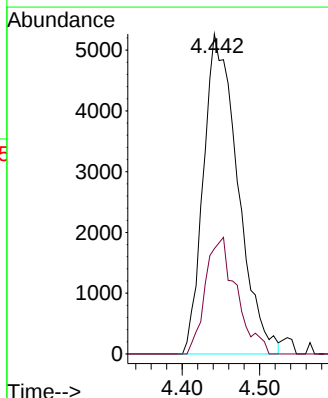
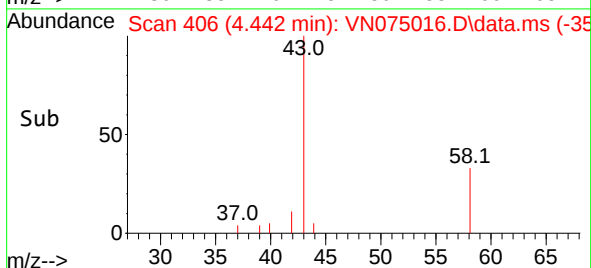
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

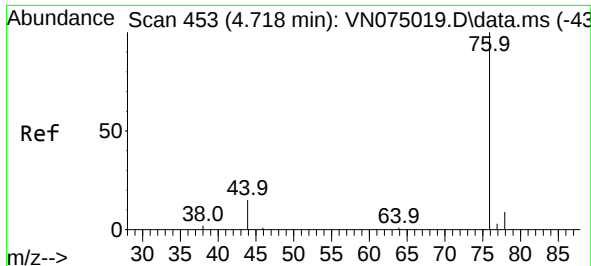


#16
Acetone
Concen: 29.586 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01



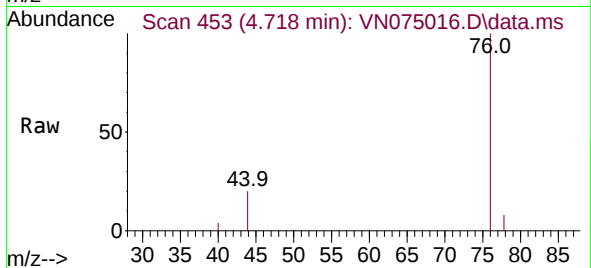
Tgt Ion: 43 Resp: 16205
Ion Ratio Lower Upper
43 100
58 32.9 25.5 38.3





#17
Carbon Disulfide
Concen: 5.438 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

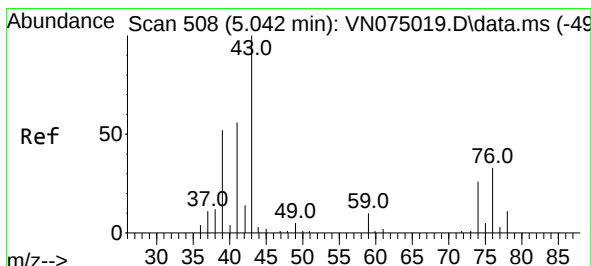
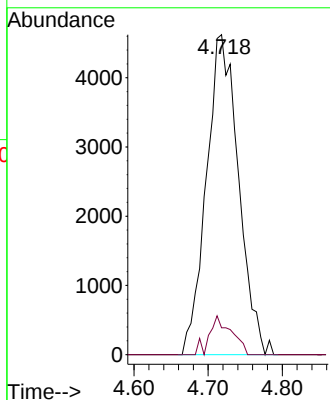
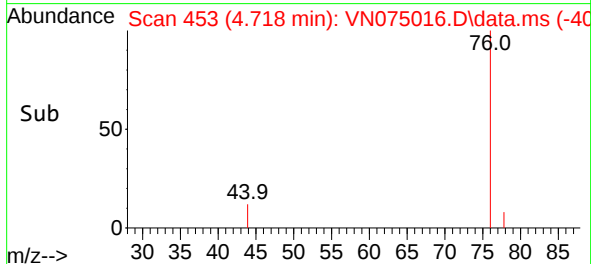
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



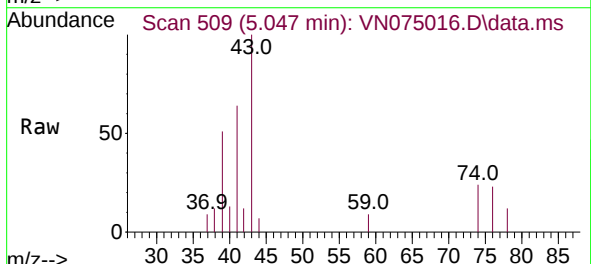
Tgt Ion: 76 Resp: 13910
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

Manual Integrations
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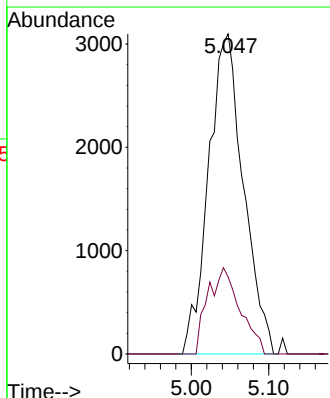
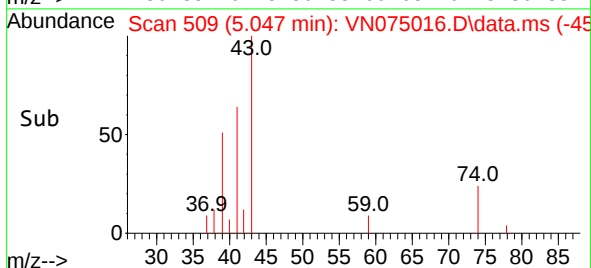
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

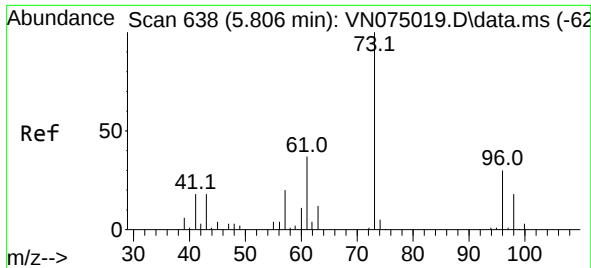


#18
Methyl Acetate
Concen: 5.414 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01



Tgt Ion: 43 Resp: 9687
Ion Ratio Lower Upper
43 100
74 24.9 22.0 33.0





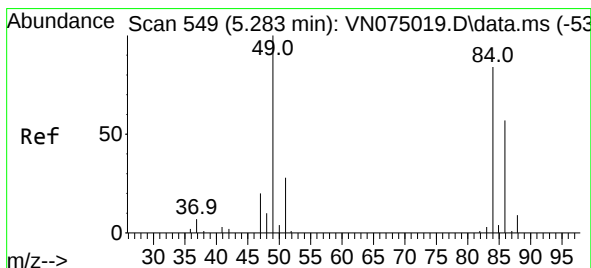
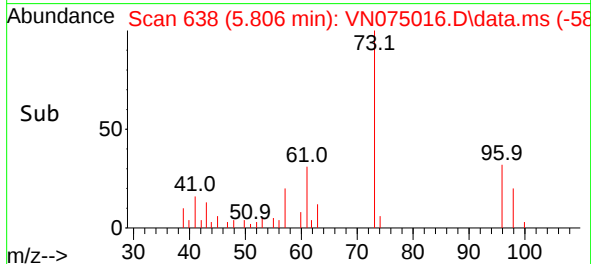
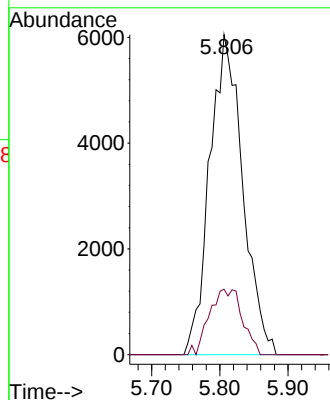
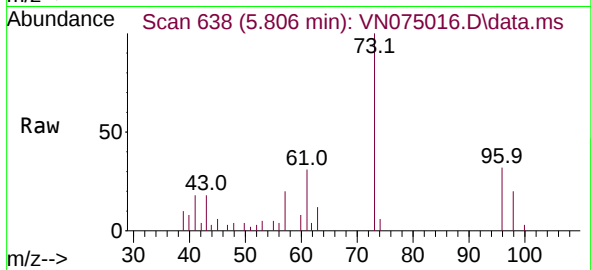
#19
Methyl tert-butyl Ether
Concen: 5.387 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 2037
Ion Ratio Lower Upper
73 100
57 20.4 16.3 24.5

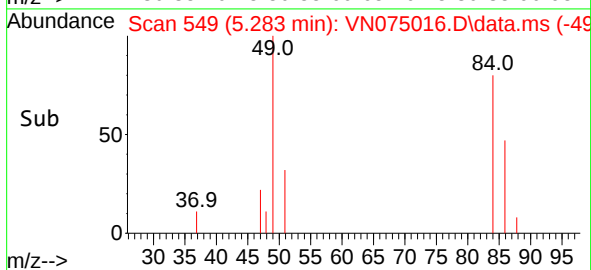
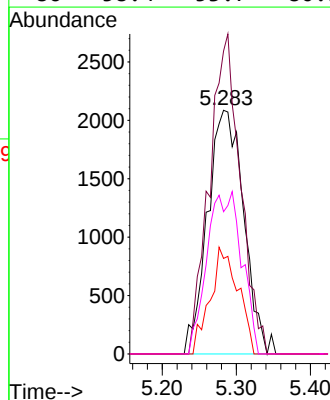
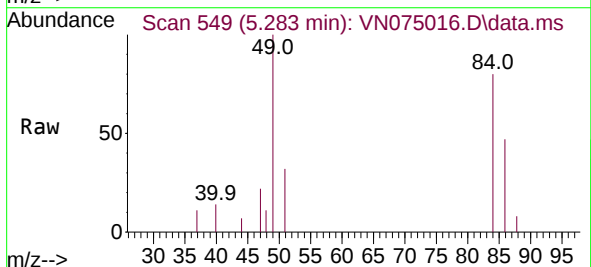
Manual Integrations
APPROVED

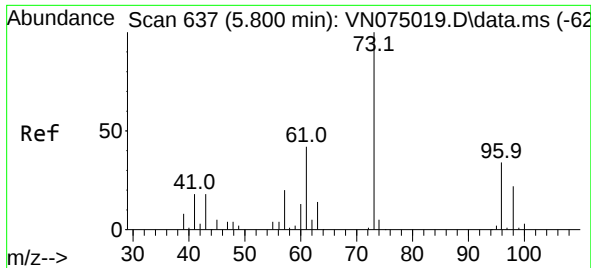
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 5.788 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion: 84 Resp: 7069
Ion Ratio Lower Upper
84 100
49 124.3 94.9 142.3
51 39.2 26.8 40.2
86 58.4 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 5.496 ug/l
RT: 5.794 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

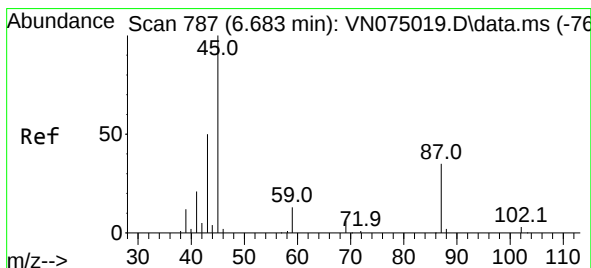
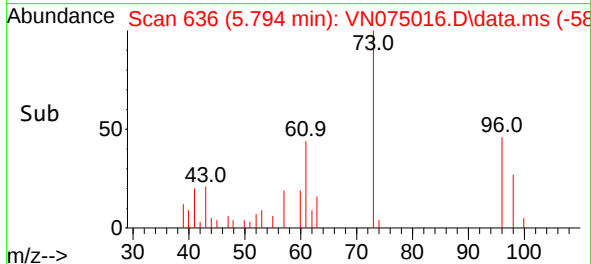
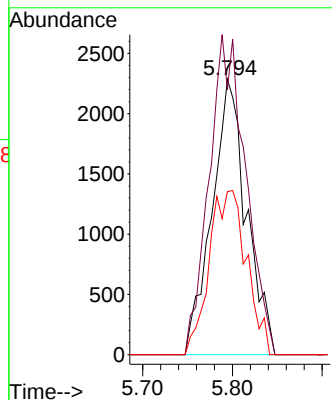
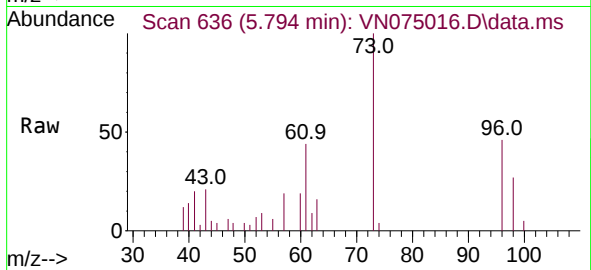
VSTDIC005

Tgt Ion: 96 Resp: 6124
Ion Ratio Lower Upper
96 100
61 96.3 99.9 149.9
98 59.2 51.5 77.3

Manual Integrations

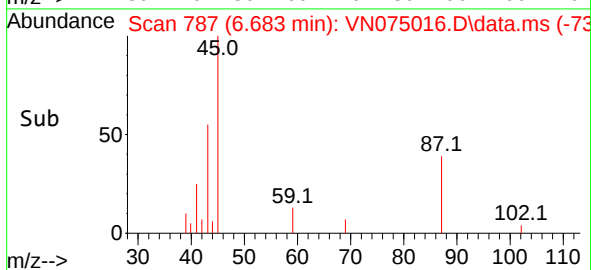
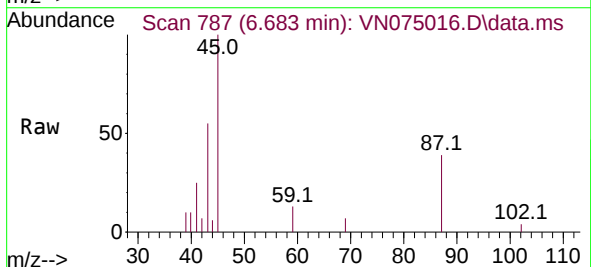
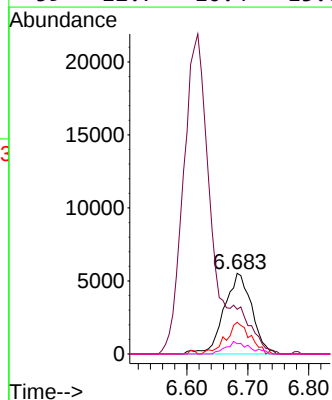
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 5.296 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion: 45 Resp: 17371
Ion Ratio Lower Upper
45 100
43 55.3 42.8 64.2
87 39.3 28.4 42.6
59 12.7 10.4 15.6





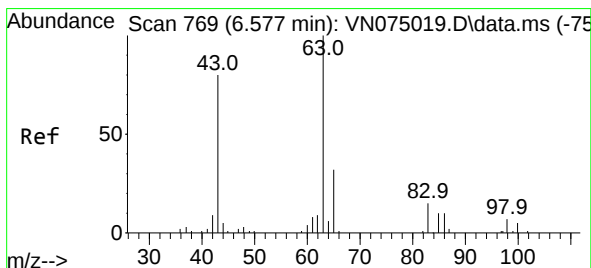
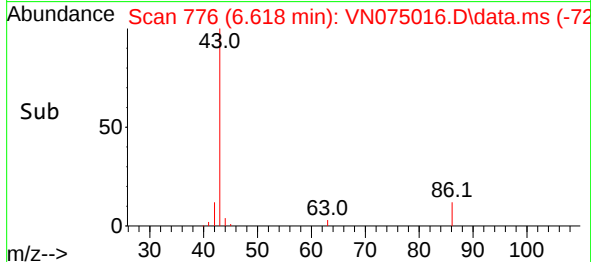
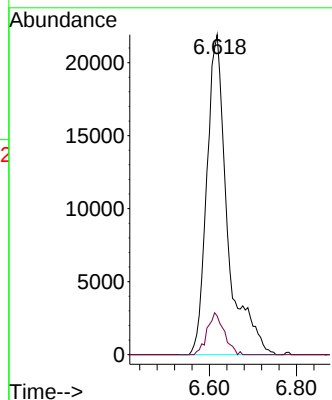
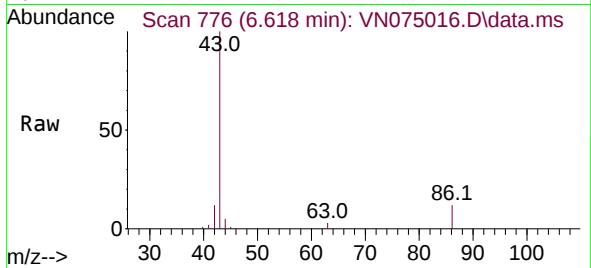
#23
 Vinyl Acetate
 Concen: 28.353 ug/l m
 RT: 6.618 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN075016.D
 Acq: 26 Oct 2022 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 7223
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.7 16.1

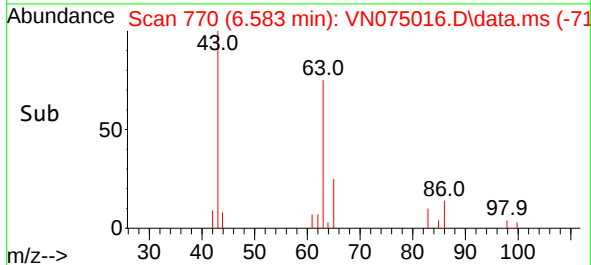
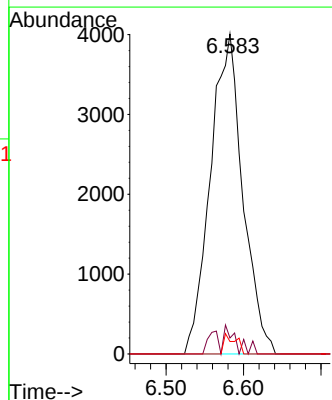
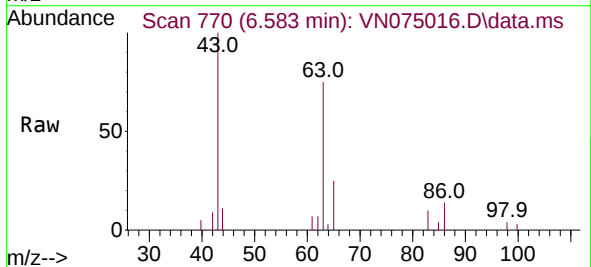
Manual Integrations
 APPROVED

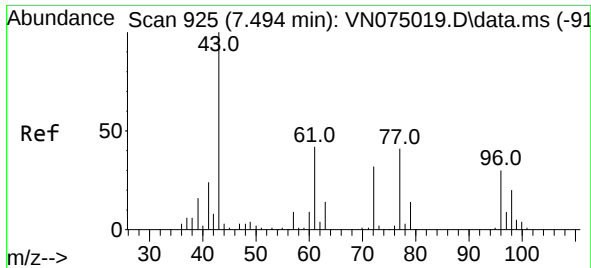
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 5.619 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075016.D
 Acq: 26 Oct 2022 11:01

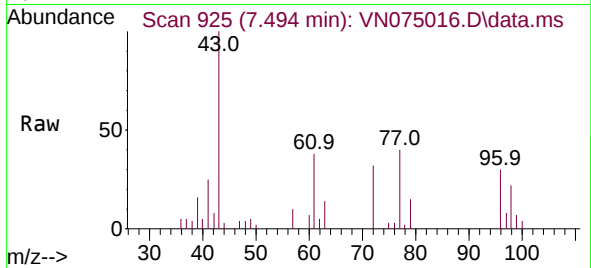
Tgt Ion: 63 Resp: 11657
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.6 10.8
 100 3.9 2.4 7.2





#25
2-Butanone
Concen: 27.169 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

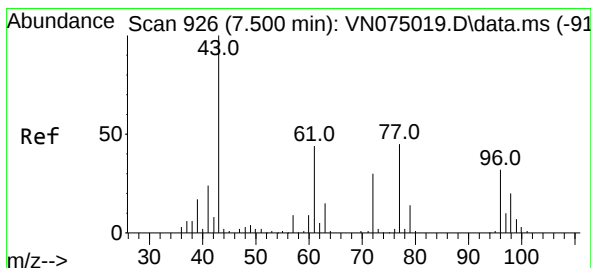
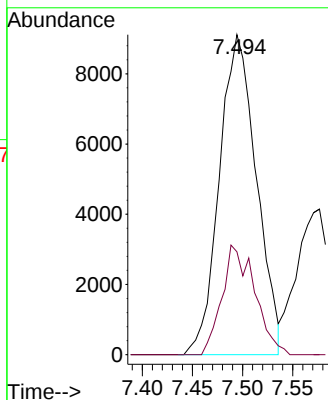
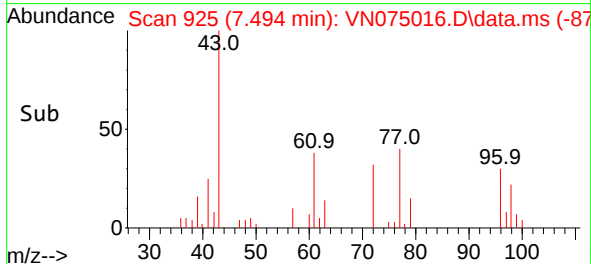
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



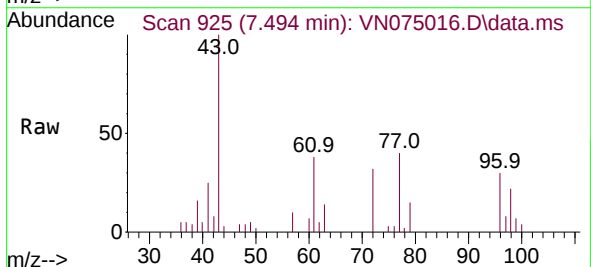
Tgt Ion: 43 Resp: 23400
Ion Ratio Lower Upper
43 100
72 32.2 25.5 38.3

Manual Integrations
APPROVED

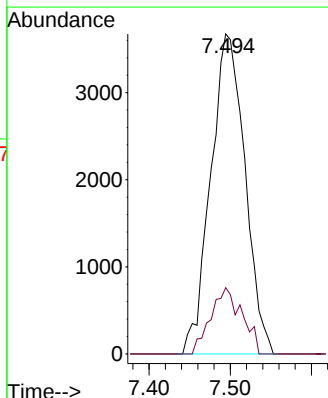
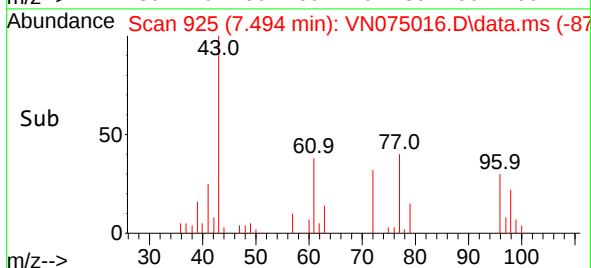
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

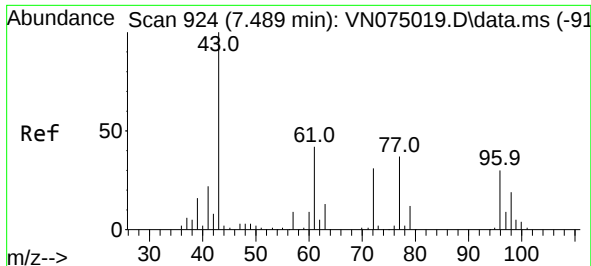


#26
2,2-Dichloropropane
Concen: 5.646 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01



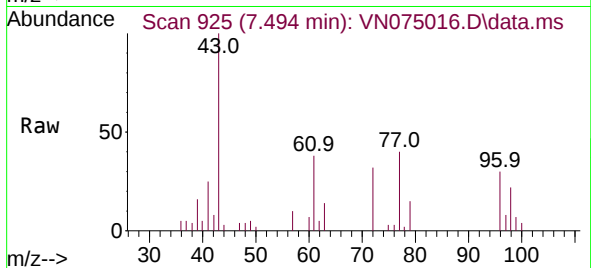
Tgt Ion: 77 Resp: 10774
Ion Ratio Lower Upper
77 100
97 18.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 5.324 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN075016.D
 Acq: 26 Oct 2022 11:01

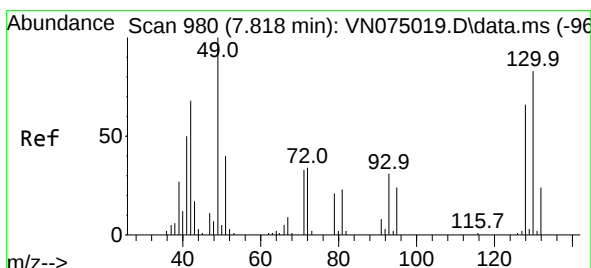
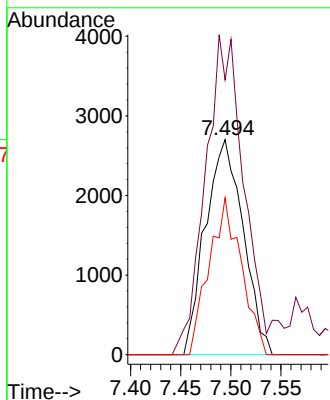
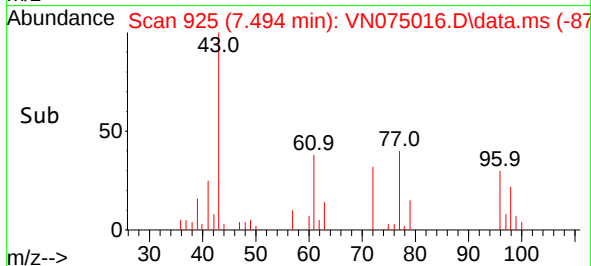
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 7084
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 278.8
 98 62.2 0.0 128.4

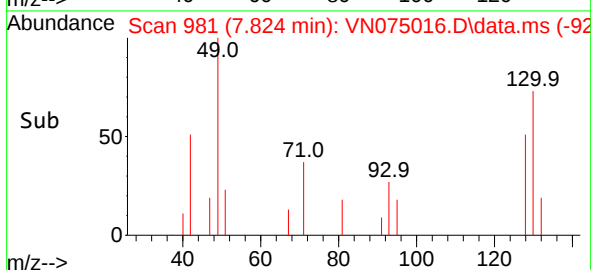
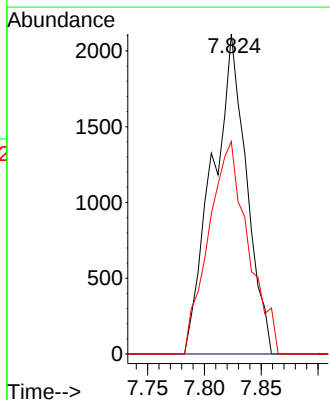
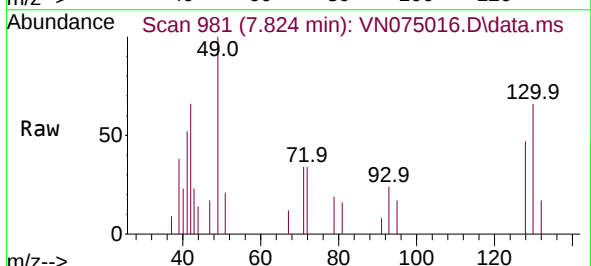
Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#28
 Bromochloromethane
 Concen: 5.053 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075016.D
 Acq: 26 Oct 2022 11:01

Tgt Ion: 49 Resp: 4419
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 76.7 66.2 99.4





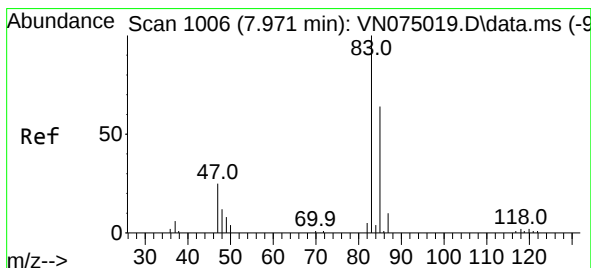
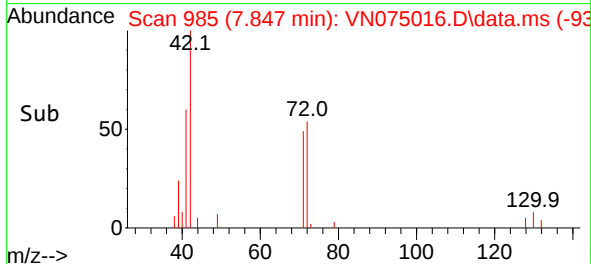
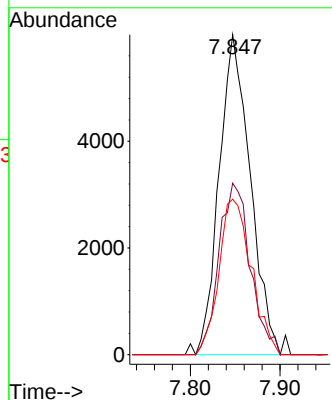
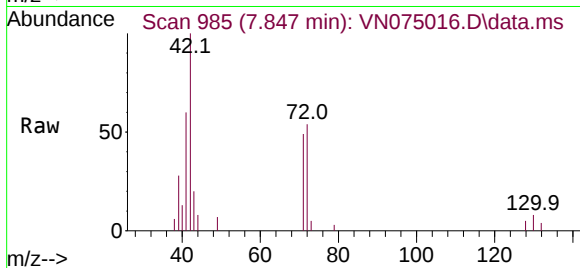
#29
Tetrahydrofuran
Concen: 25.982 ug/l
RT: 7.847 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 1446
Ion Ratio Lower Upper
42 100
72 54.0 43.0 64.6
71 50.6 39.9 59.9

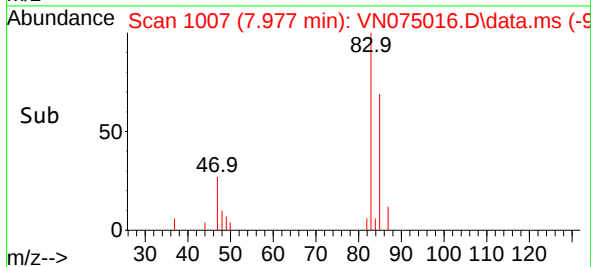
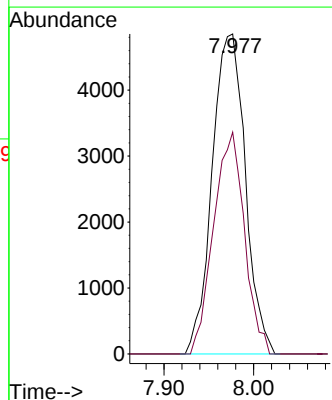
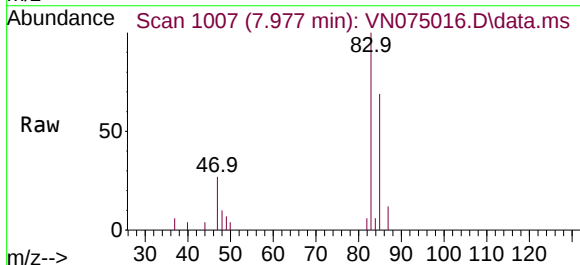
Manual Integrations
APPROVED

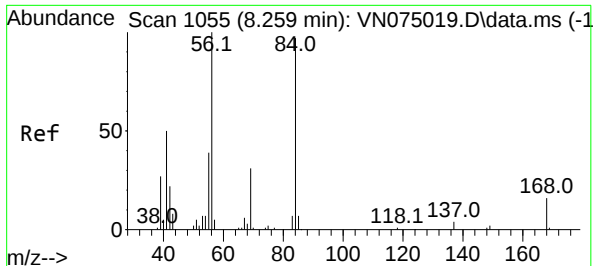
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#30
Chloroform
Concen: 5.534 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

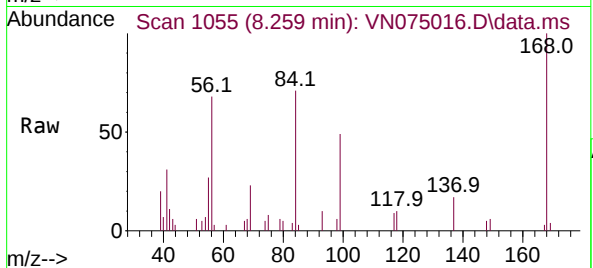
Tgt Ion: 83 Resp: 12465
Ion Ratio Lower Upper
83 100
85 69.3 51.4 77.0





#31
Cyclohexane
Concen: 6.261 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

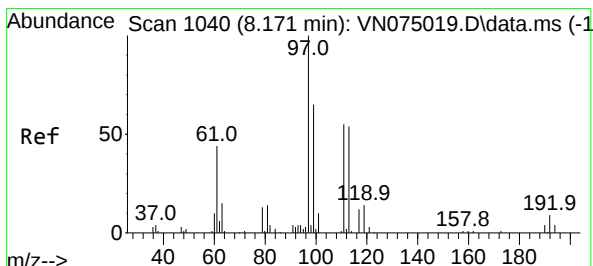
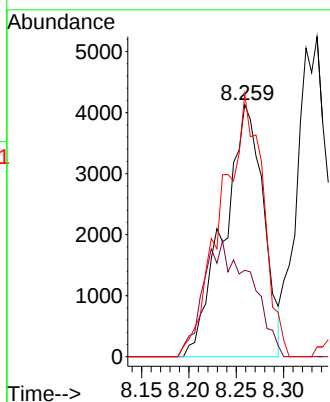
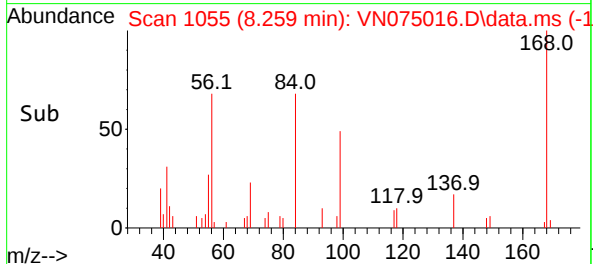
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



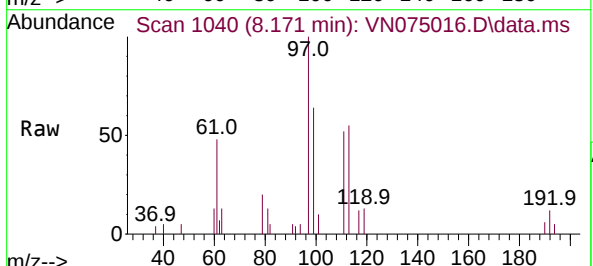
Tgt Ion: 56 Resp: 1204
Ion Ratio Lower Upper
56 100
69 34.3 25.2 37.8
84 104.3 77.8 116.8

Manual Integrations
APPROVED

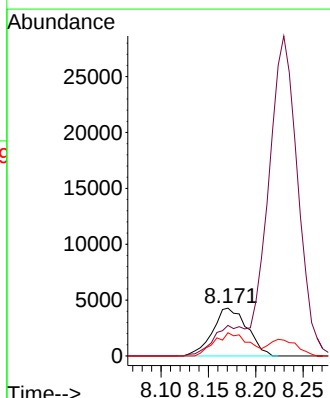
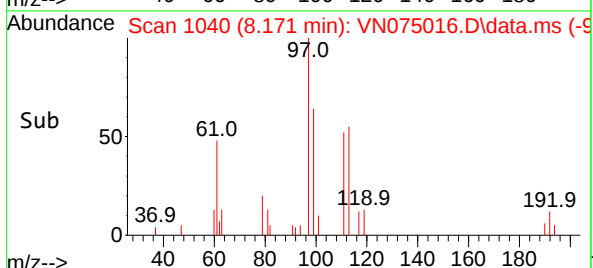
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#32
1,1,1-Trichloroethane
Concen: 5.319 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01



Tgt Ion: 97 Resp: 10879
Ion Ratio Lower Upper
97 100
99 56.3 50.2 75.2
61 47.7 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 5.441 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 7038

Ion Ratio Lower Upper

65 100

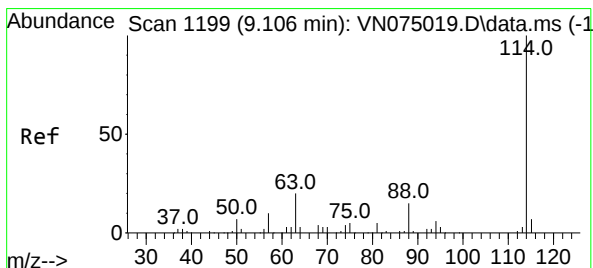
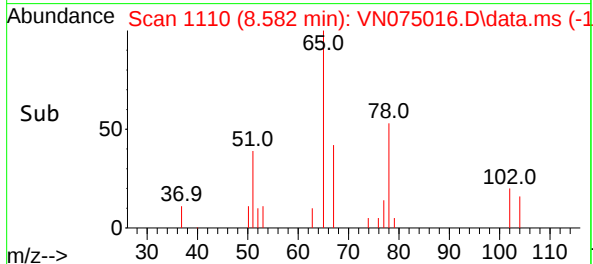
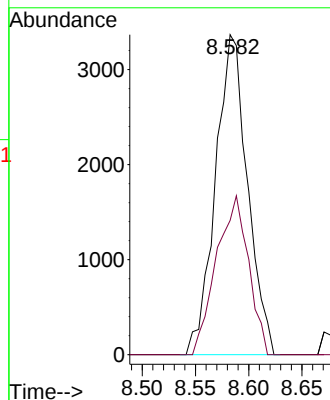
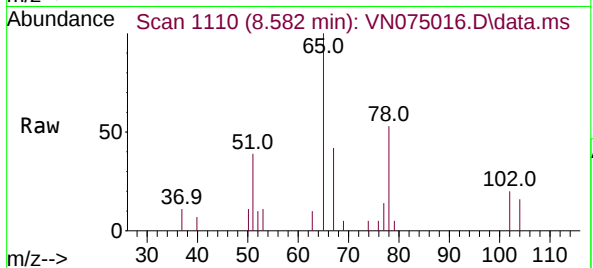
67 49.8 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

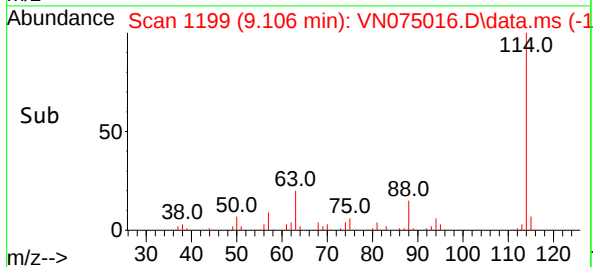
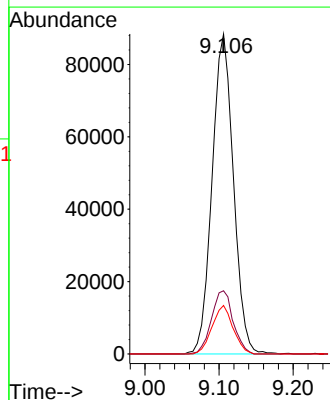
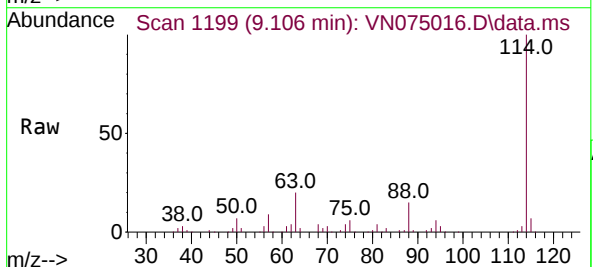
Tgt Ion:114 Resp: 176742

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

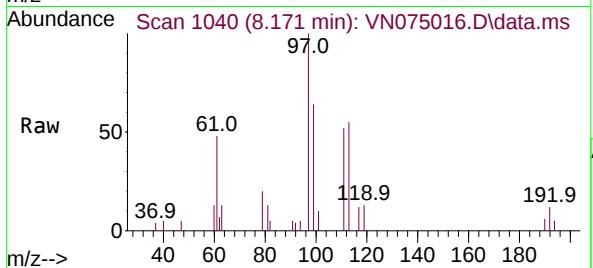
88 15.2 0.0 29.0





#35
Dibromofluoromethane
Concen: 5.175 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

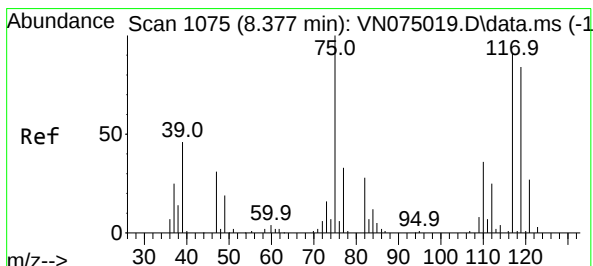
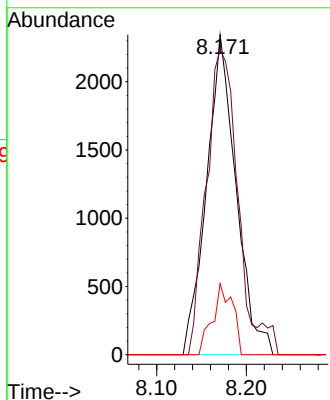
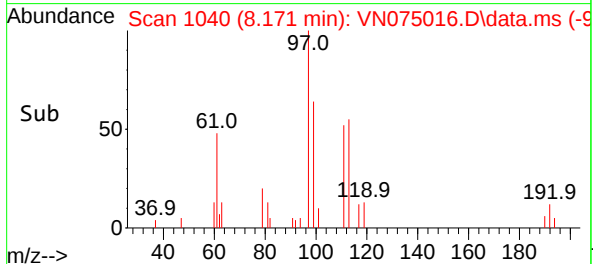
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



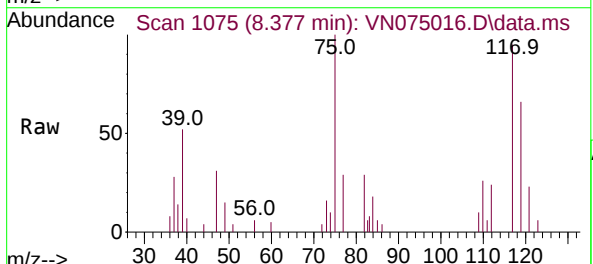
Tgt Ion: 113 Resp: 5369
Ion Ratio Lower Upper
113 100
111 98.4 80.5 120.7
192 15.1 13.2 19.8

Manual Integrations
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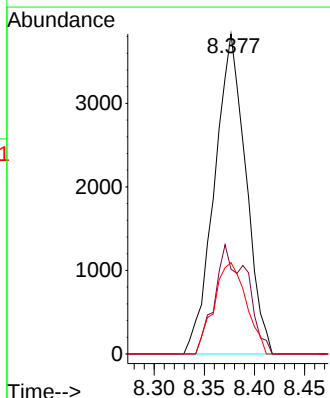
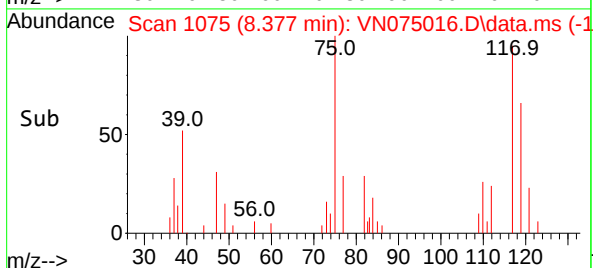
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
1,1-Dichloropropene
Concen: 5.175 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01



Tgt Ion: 75 Resp: 8313
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.3
77 29.4 24.6 37.0





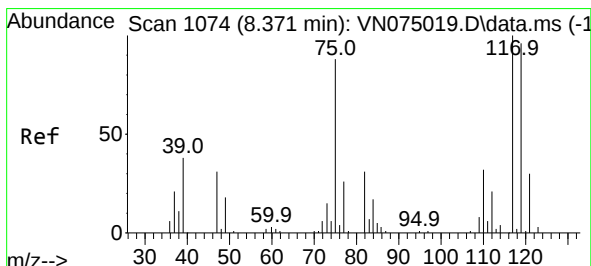
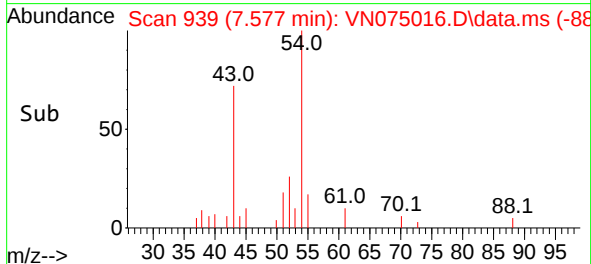
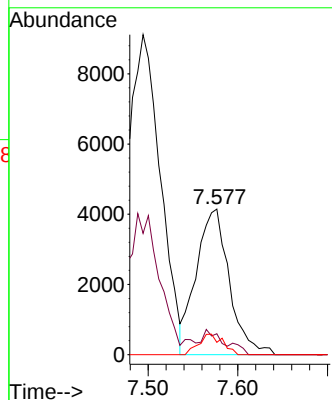
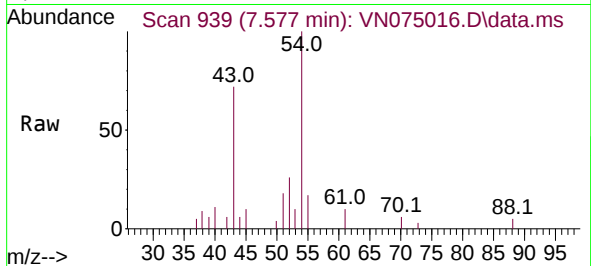
#37
Ethyl Acetate
Concen: 6.048 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 10654
Ion Ratio Lower Upper
43 100
61 4.9 12.2 18.4
70 10.2 9.4 14.2

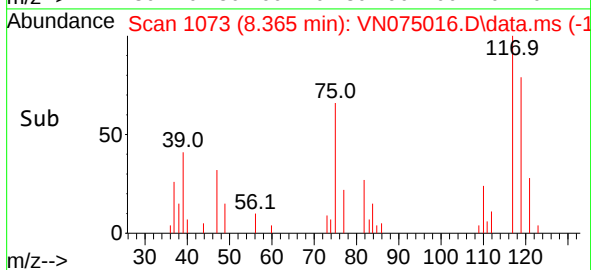
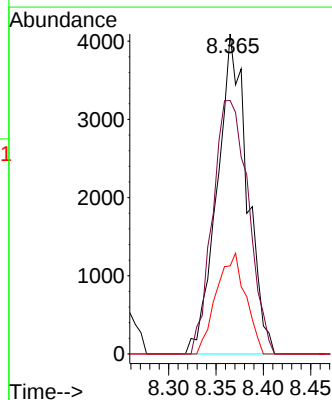
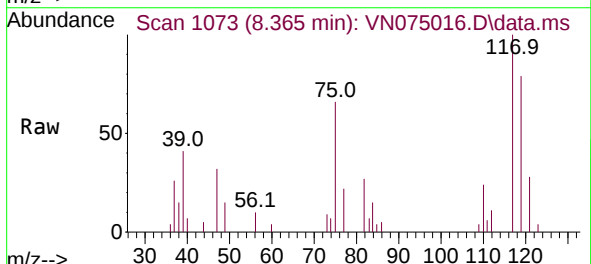
Manual Integrations
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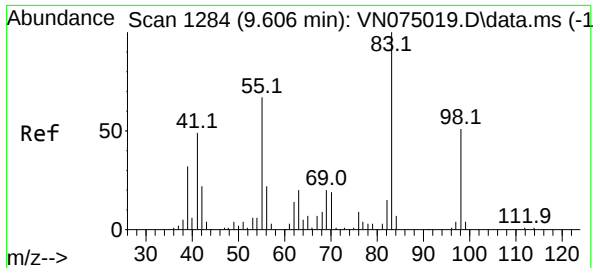
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Carbon Tetrachloride
Concen: 5.119 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion:117 Resp: 9045
Ion Ratio Lower Upper
117 100
119 79.2 76.7 115.1
121 27.5 23.9 35.9





#39

Methylcyclohexane

Concen: 5.203 ug/l

RT: 9.606 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 1103

Ion Ratio Lower Upper

83 100

55 66.8 53.6 80.4

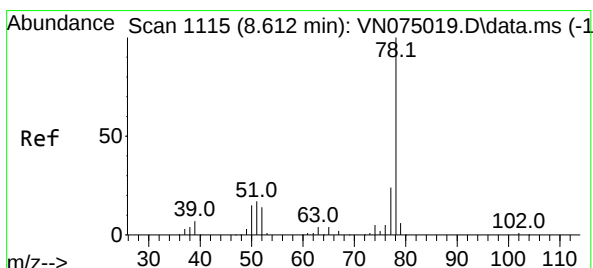
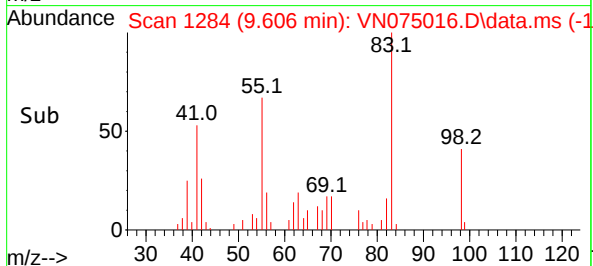
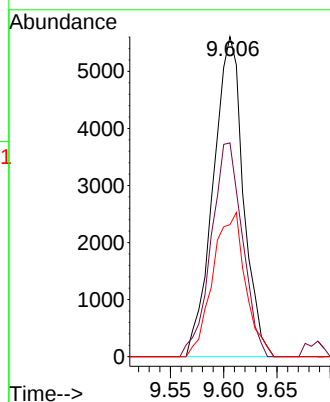
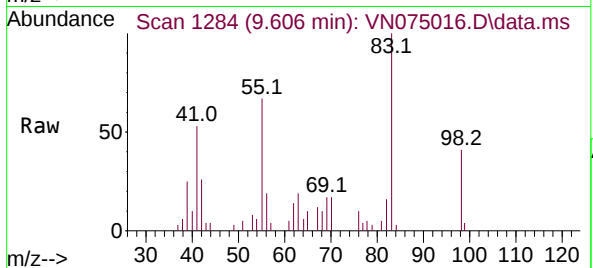
98 41.2 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 5.366 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075016.D

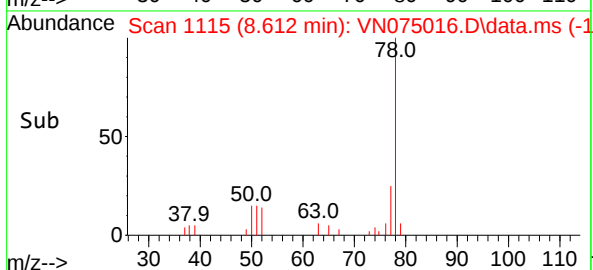
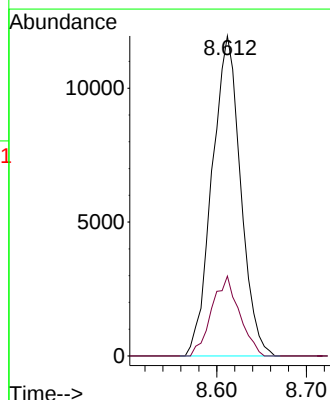
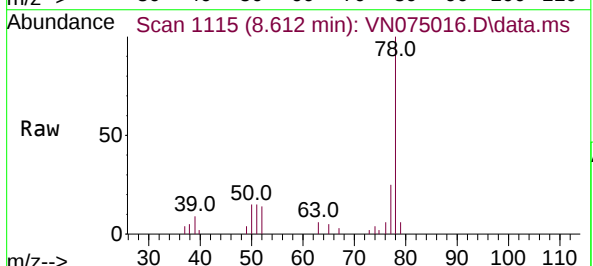
Acq: 26 Oct 2022 11:01

Tgt Ion: 78 Resp: 26394

Ion Ratio Lower Upper

78 100

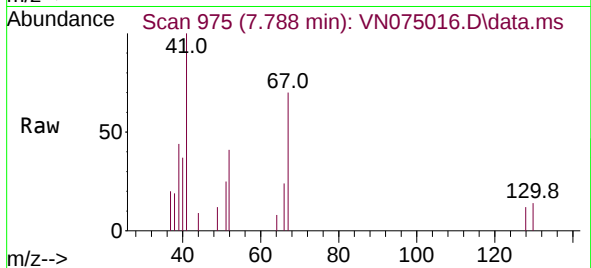
77 25.0 19.4 29.0





#41
Methacrylonitrile
Concen: 5.415 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

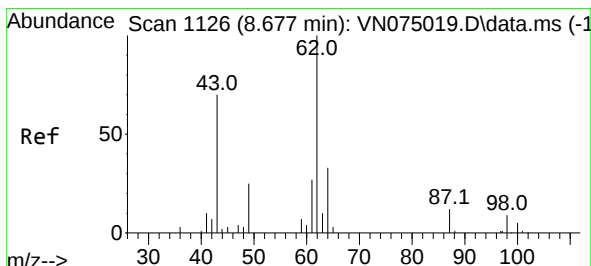
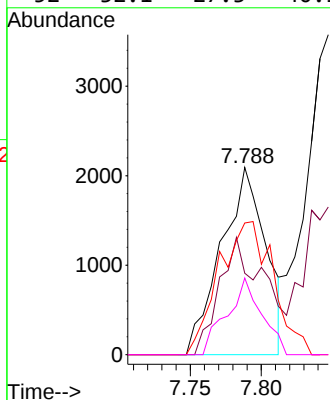
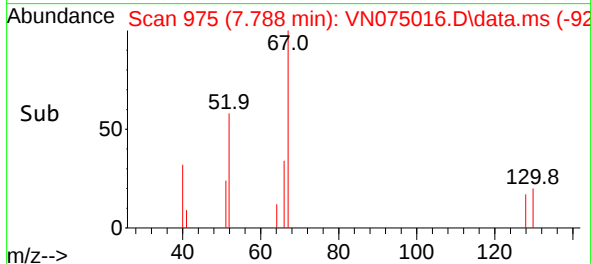
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



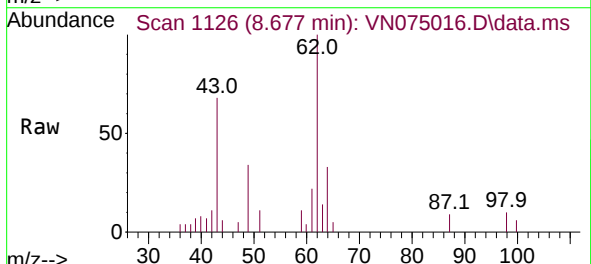
Tgt Ion: 41 Resp: 4570
Ion Ratio Lower Upper
41 100
39 64.1 44.4 66.6
67 86.2 69.8 104.6
52 32.1 27.3 40.9

Manual Integrations
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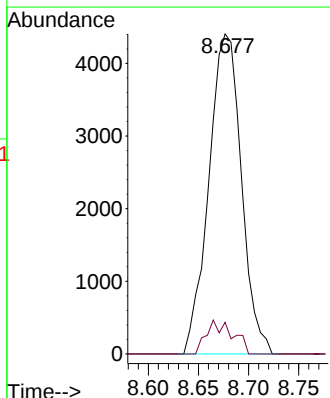
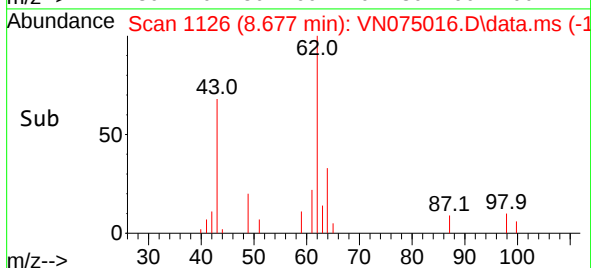
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

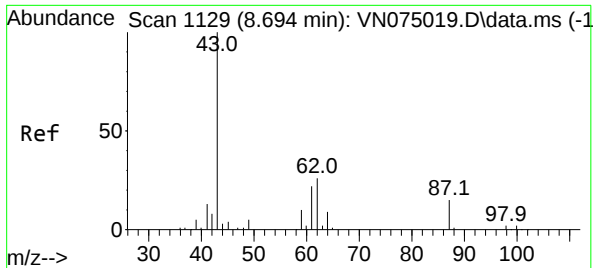


#42
1,2-Dichloroethane
Concen: 5.565 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01



Tgt Ion: 62 Resp: 9958
Ion Ratio Lower Upper
62 100
98 8.5 0.0 18.2





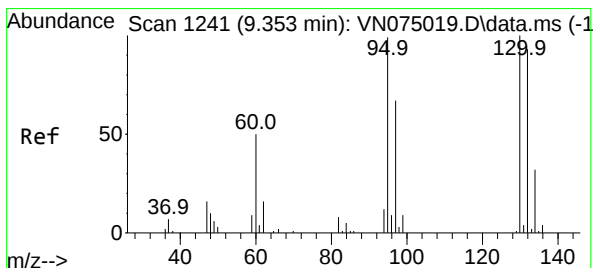
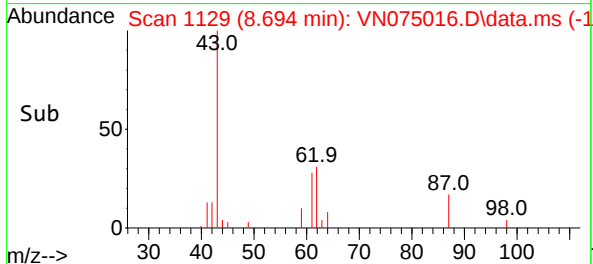
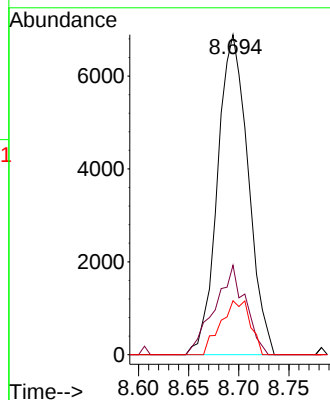
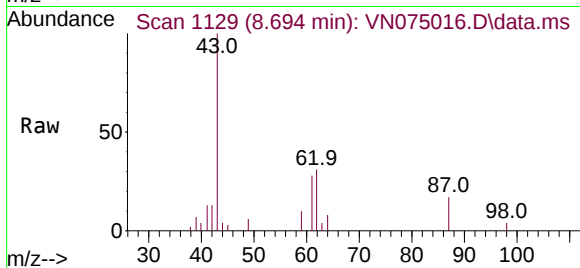
#43
Isopropyl Acetate
Concen: 5.348 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
61 28.1 22.4 33.6
87 16.3 12.5 18.7

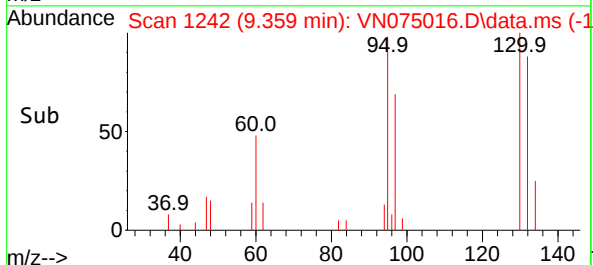
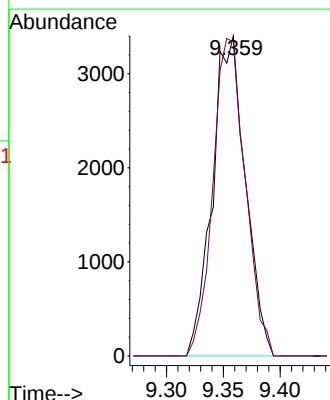
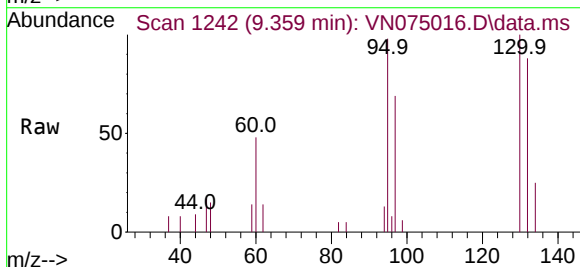
Manual Integrations
APPROVED

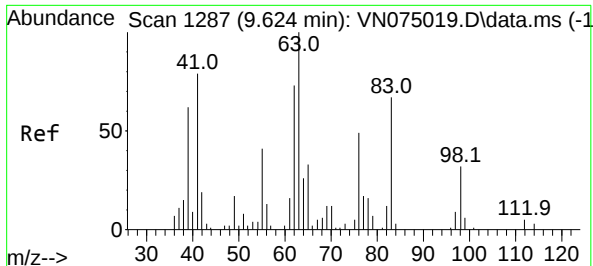
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
Trichloroethene
Concen: 5.572 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion:130 Resp: 6875
Ion Ratio Lower Upper
130 100
95 98.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 5.201 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 608

Ion Ratio Lower Upper

63 100

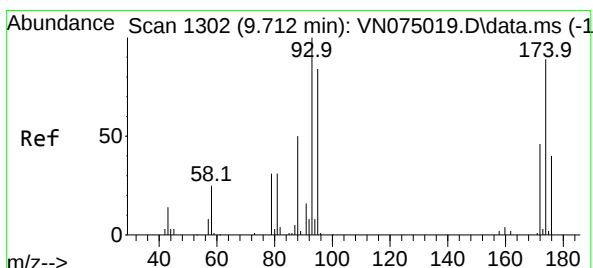
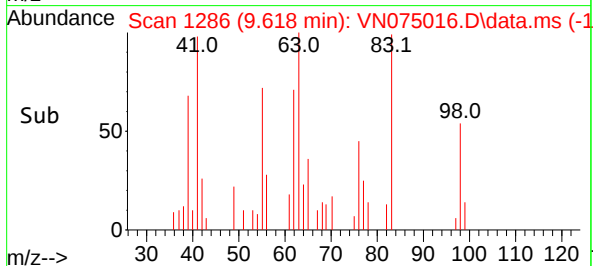
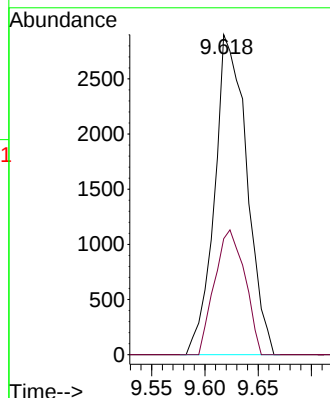
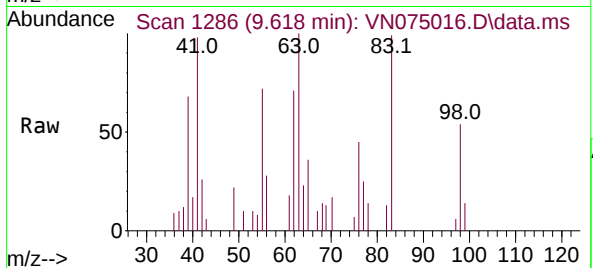
65 36.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 5.484 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

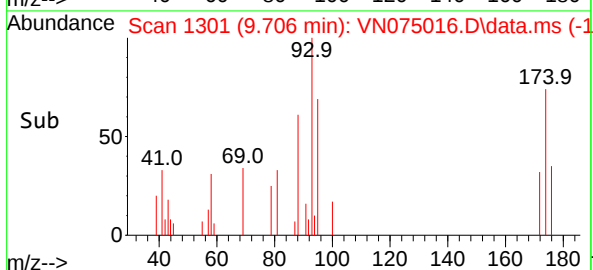
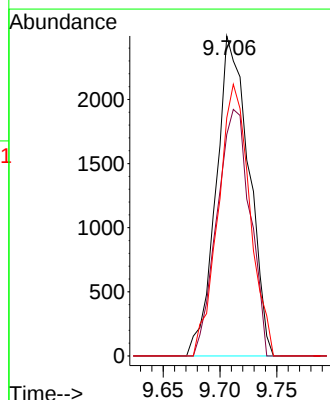
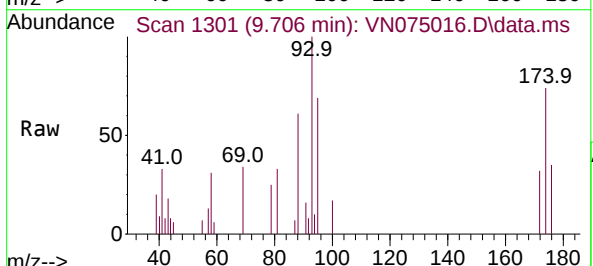
Tgt Ion: 93 Resp: 5001

Ion Ratio Lower Upper

93 100

95 77.8 66.6 99.8

174 82.0 70.3 105.5





#47

Bromodichloromethane

Concen: 5.594 ug/l

RT: 9.888 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

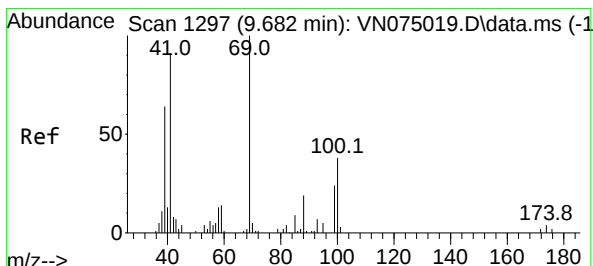
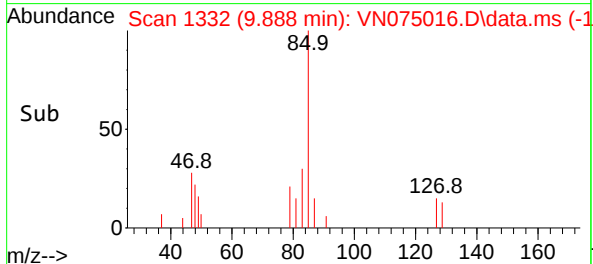
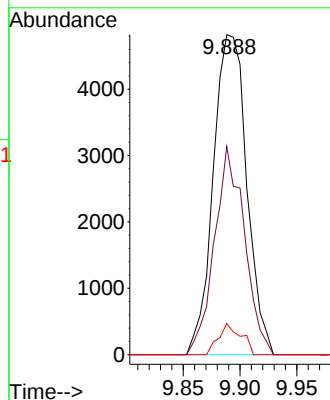
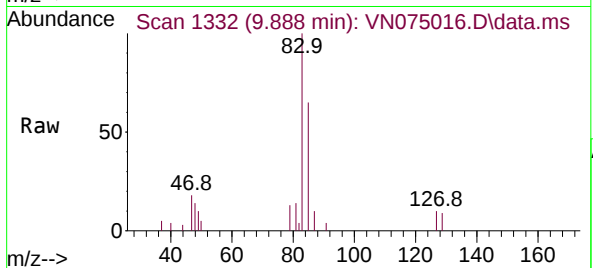
Tgt Ion:	83	Resp:	9878
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.1	78.1
127	9.8	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#48

Methyl methacrylate

Concen: 5.376 ug/l

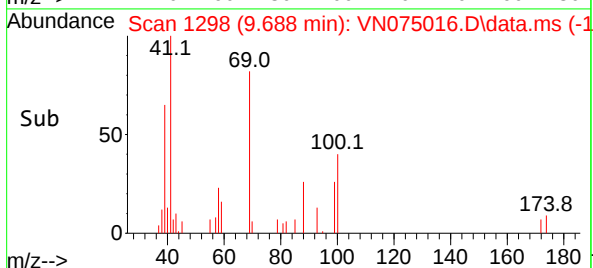
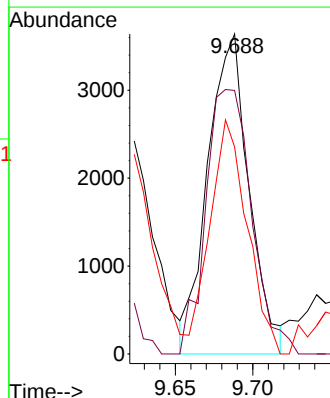
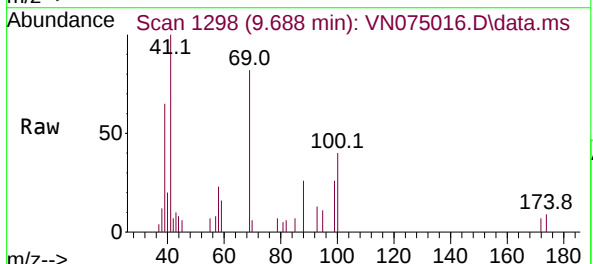
RT: 9.688 min Scan# 1298

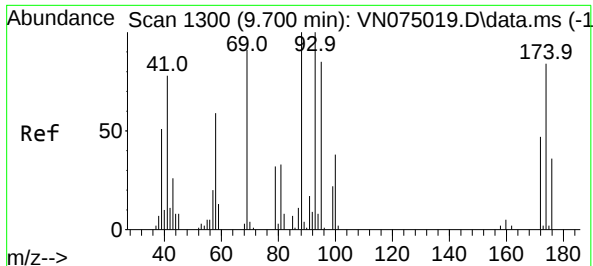
Delta R.T. 0.006 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

Tgt Ion:	41	Resp:	6738
Ion	Ratio	Lower	Upper
41	100		
69	92.0	80.2	120.2
39	65.7	56.2	84.2





#49

1,4-Dioxane

Concen: 101.910 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

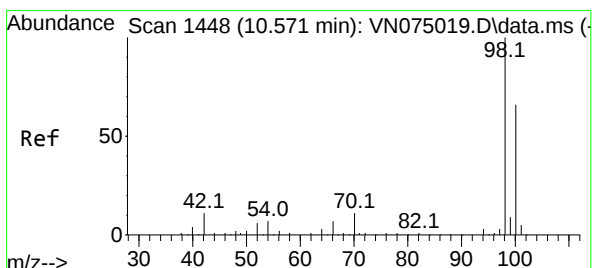
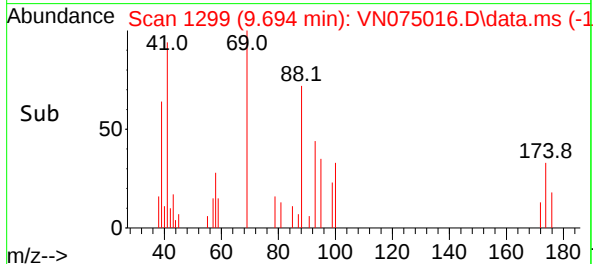
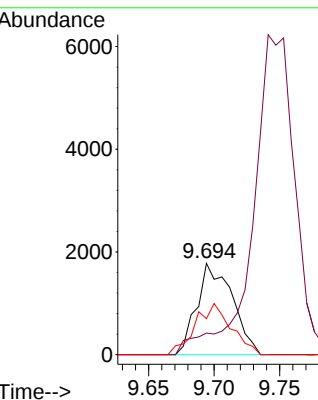
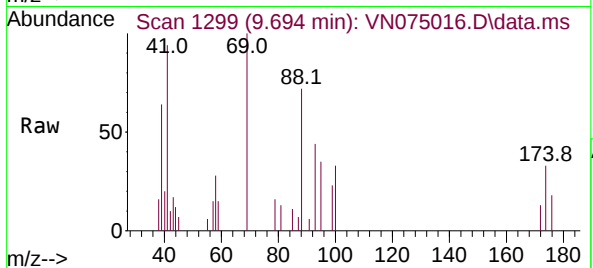
Tgt Ion: 88 Resp: 3349
 Ion Ratio Lower Upper
 88 100
 43 0.0 17.5 26.3
 58 56.9 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 4.886 ug/l

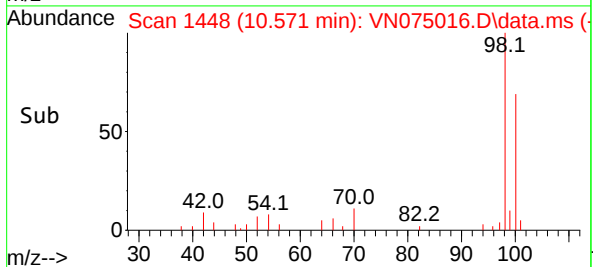
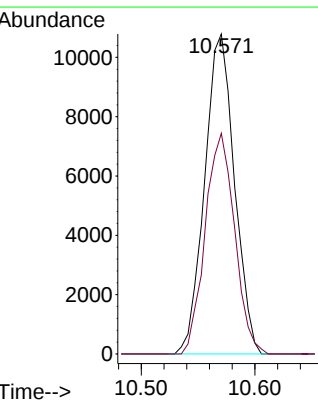
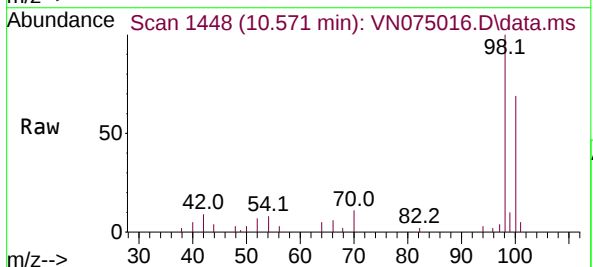
RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

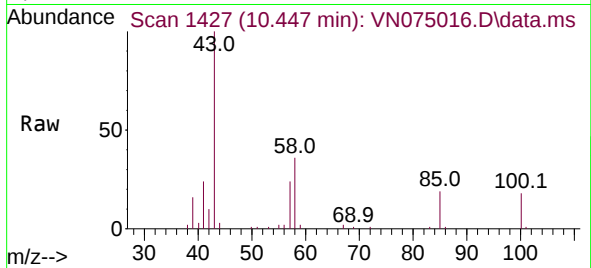
Tgt Ion: 98 Resp: 19668
 Ion Ratio Lower Upper
 98 100
 100 68.1 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 26.496 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

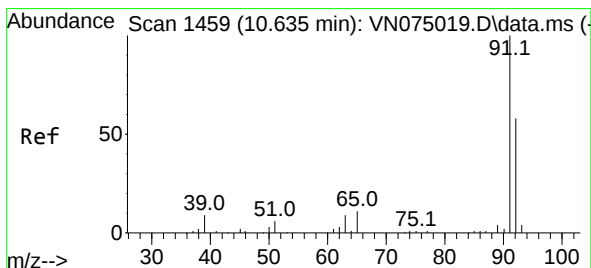
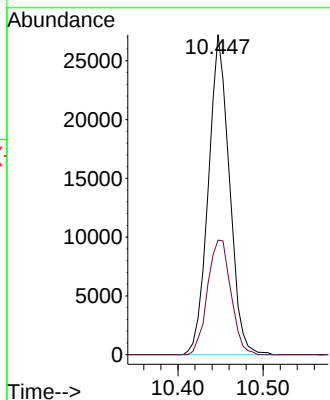
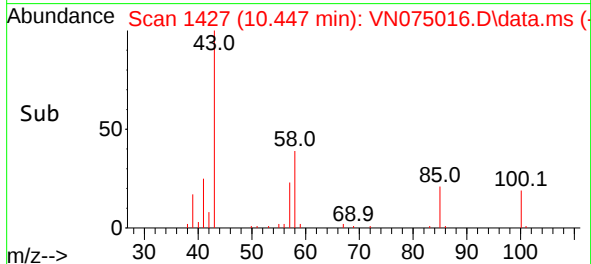
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 4672
Ion Ratio Lower Upper
43 100
58 39.7 33.6 50.4

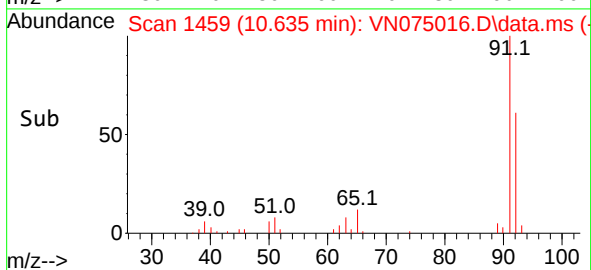
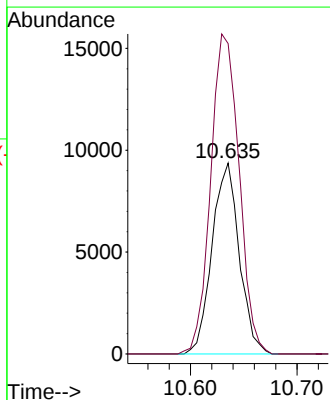
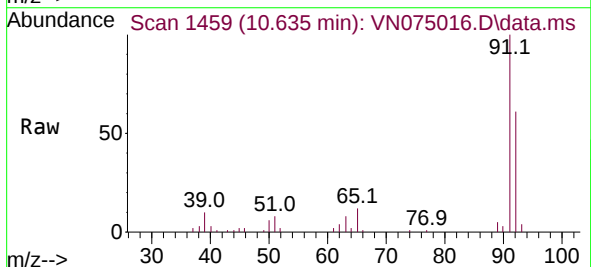
Manual Integrations
APPROVED

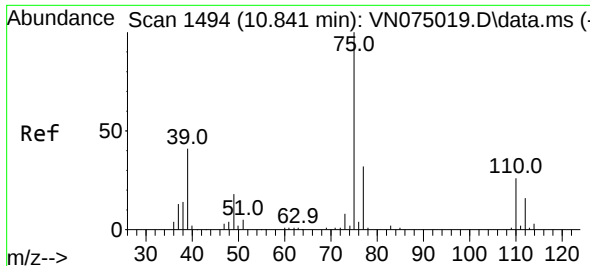
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 5.053 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

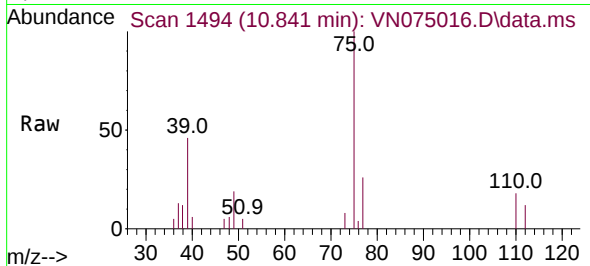
Tgt Ion: 92 Resp: 16612
Ion Ratio Lower Upper
92 100
91 175.2 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 4.756 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

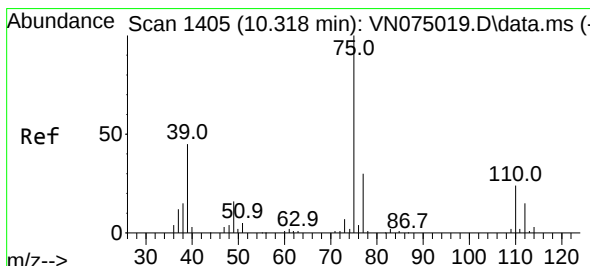
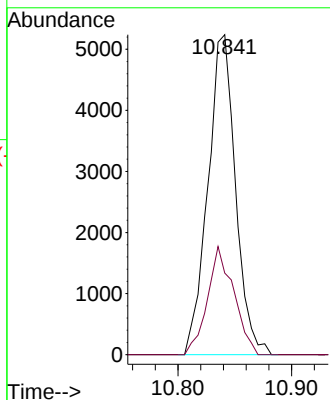
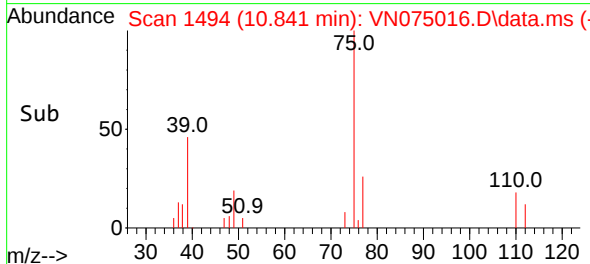
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 886
Ion Ratio Lower Upper
75 100
77 25.5 25.4 38.2

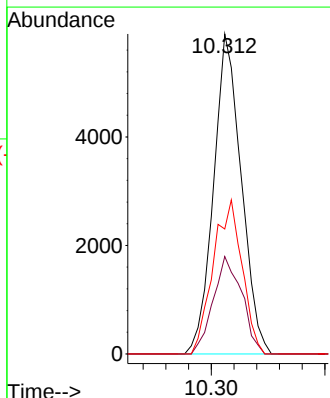
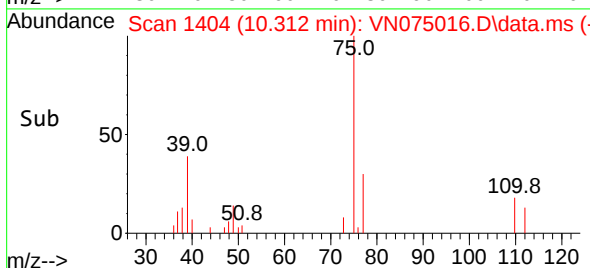
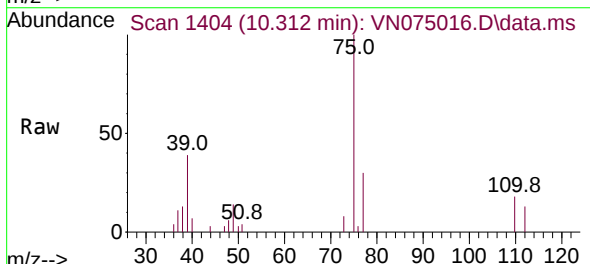
Manual Integrations
APPROVED

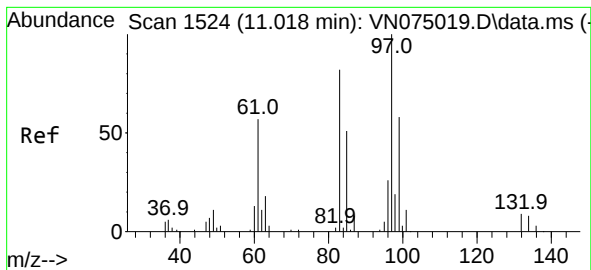
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
cis-1,3-Dichloropropene
Concen: 5.057 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion: 75 Resp: 9998
Ion Ratio Lower Upper
75 100
77 30.4 23.7 35.5
39 39.1 35.8 53.6





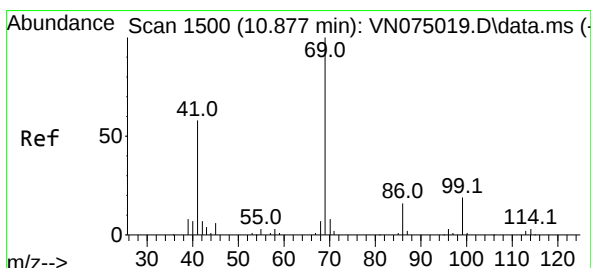
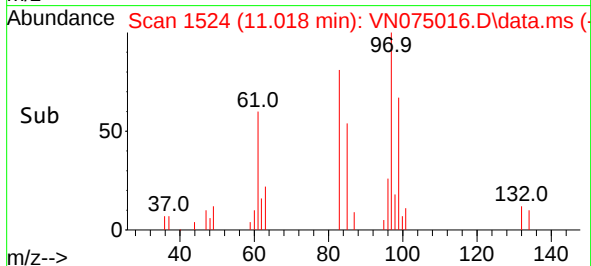
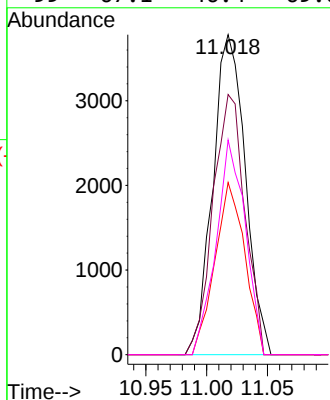
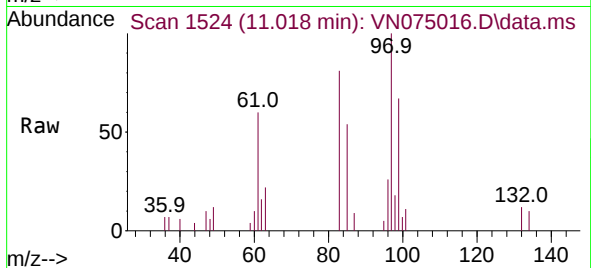
#55
1,1,2-Trichloroethane
Concen: 5.387 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 97	Resp: 702
Ion Ratio	Lower Upper
97 100	
83 81.3	65.9 98.9
85 53.8	40.4 60.6
99 67.1	46.4 69.6

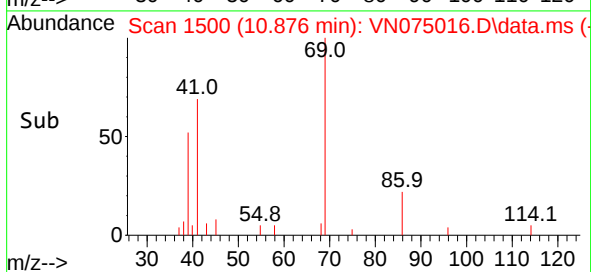
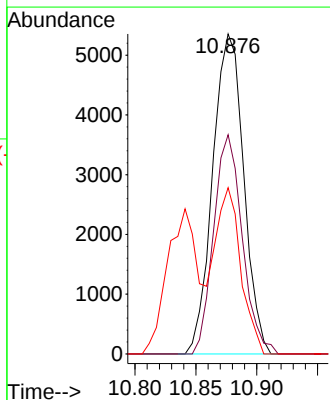
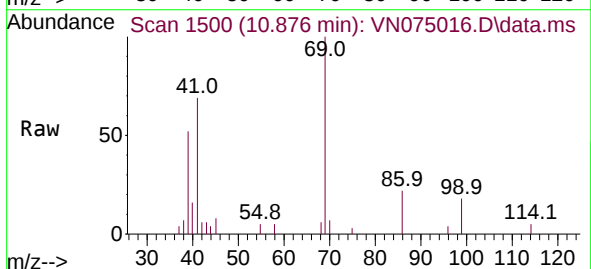
Manual Integrations
APPROVED

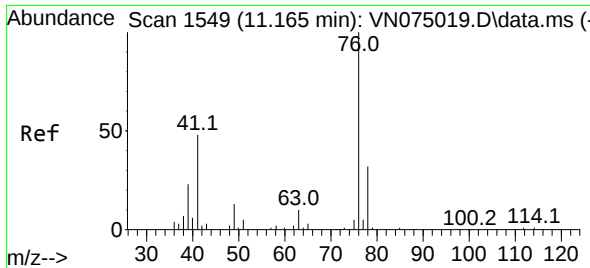
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Ethyl methacrylate
Concen: 4.775 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion: 69	Resp: 9495
Ion Ratio	Lower Upper
69 100	
41 63.2	45.6 68.4
39 42.5	28.5 42.7





#57

1,3-Dichloropropane

Concen: 5.283 ug/l

RT: 11.165 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1146

Ion Ratio Lower Upper

76 100

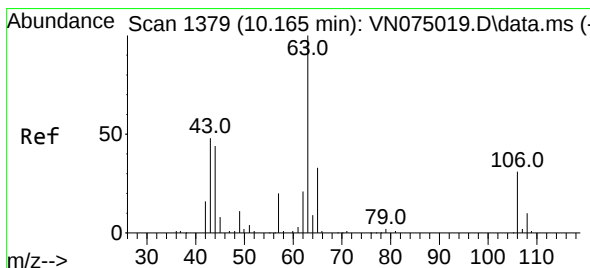
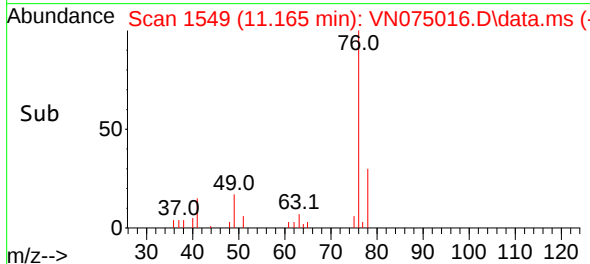
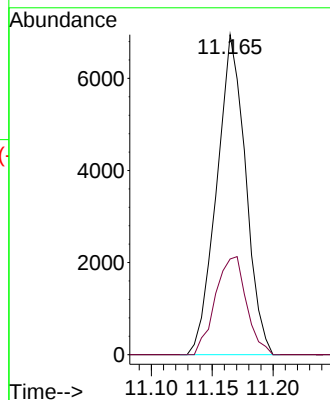
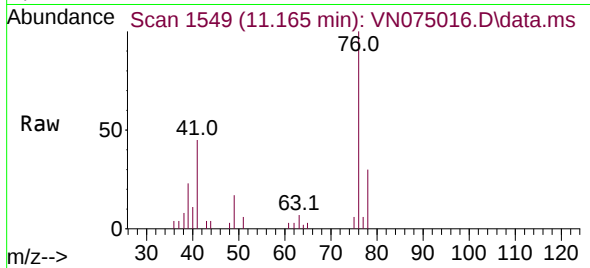
78 32.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 22.261 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075016.D

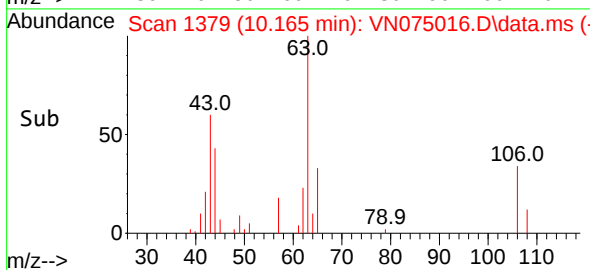
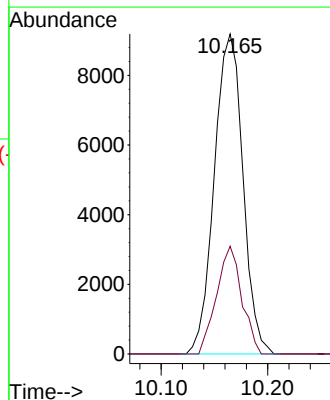
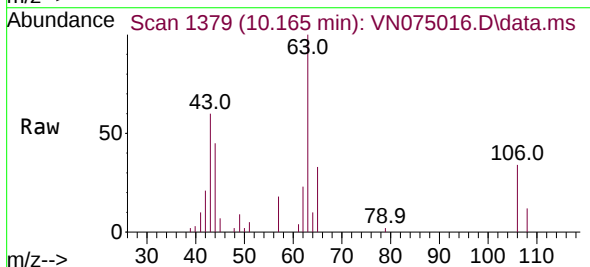
Acq: 26 Oct 2022 11:01

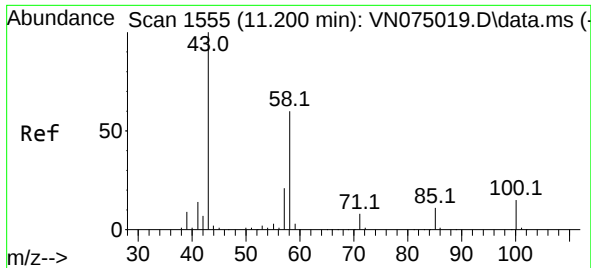
Tgt Ion: 63 Resp: 17113

Ion Ratio Lower Upper

63 100

106 29.7 24.8 37.2





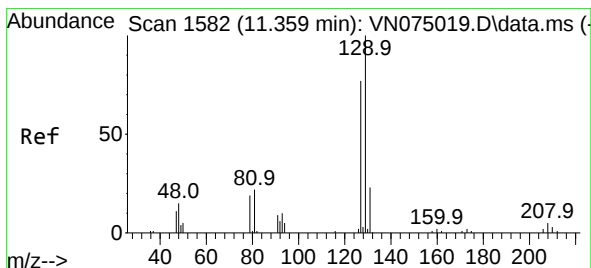
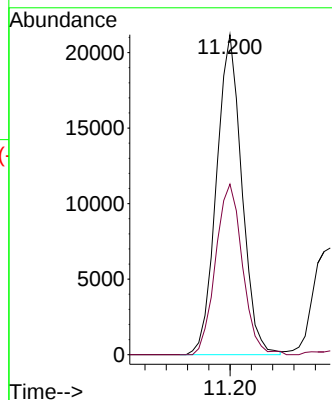
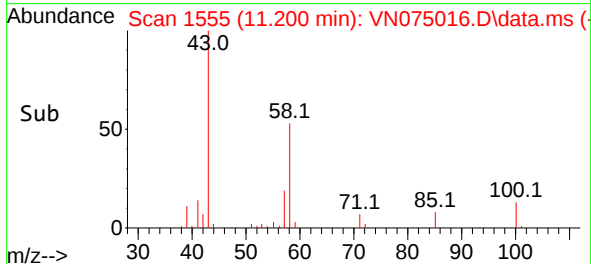
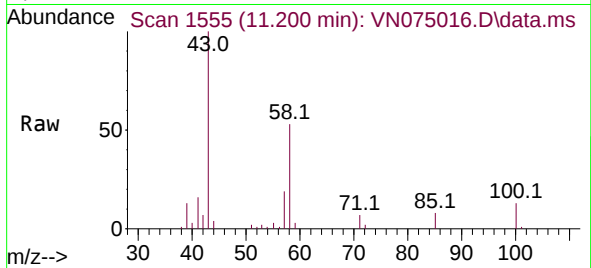
#59
2-Hexanone
Concen: 26.181 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 35038
Ion Ratio Lower Upper
43 100
58 56.2 29.6 88.8

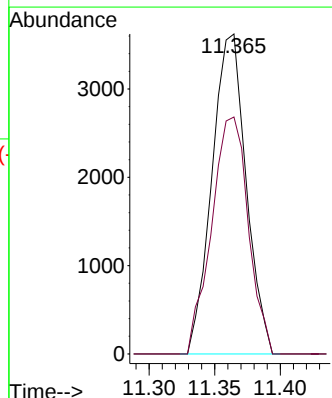
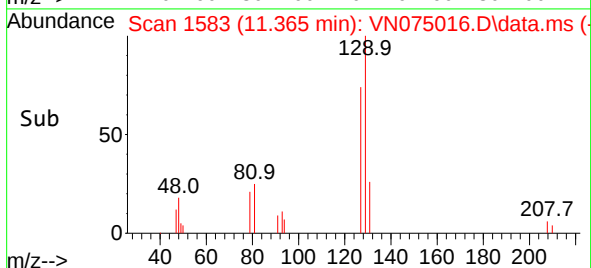
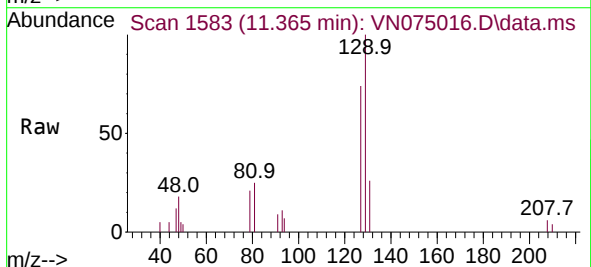
Manual Integrations
APPROVED

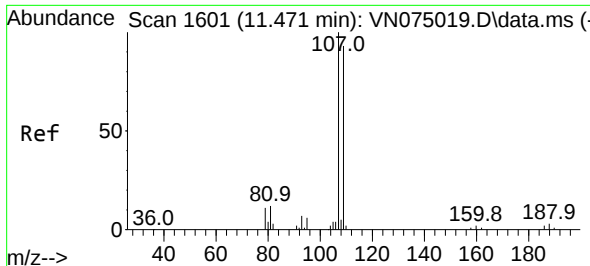
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 4.770 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion:129 Resp: 6561
Ion Ratio Lower Upper
129 100
127 79.5 38.6 115.8





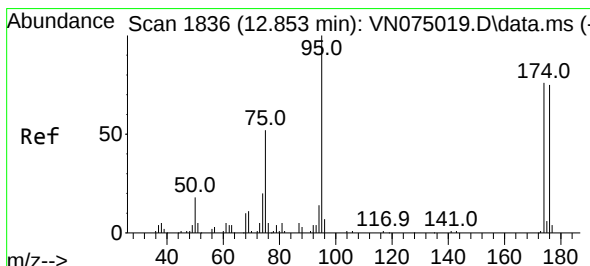
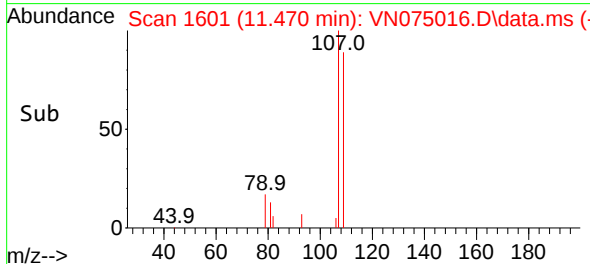
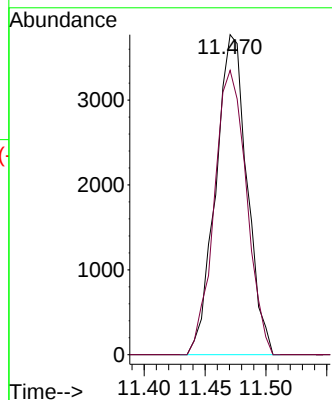
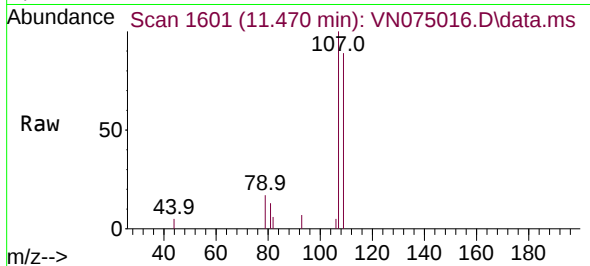
#61
1,2-Dibromoethane
Concen: 5.054 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 6752
Ion Ratio Lower Upper
107 100
109 91.6 75.6 113.4

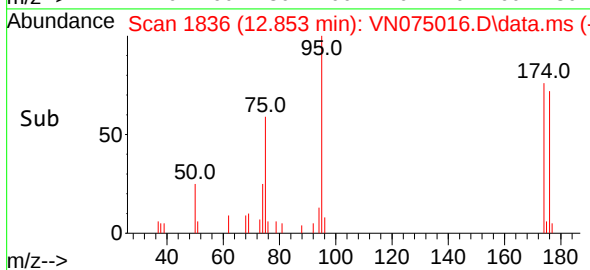
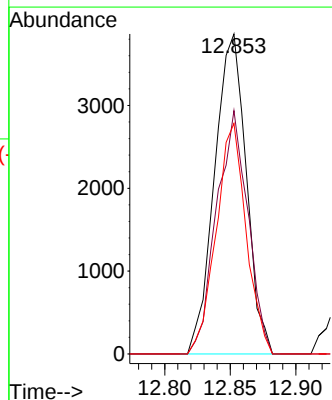
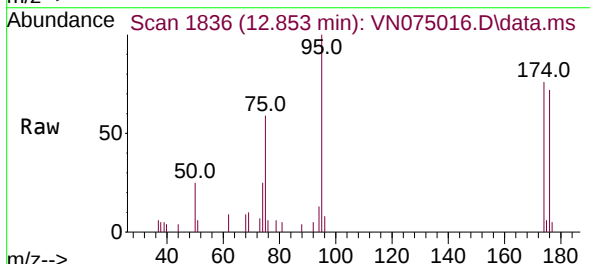
Manual Integrations
APPROVED

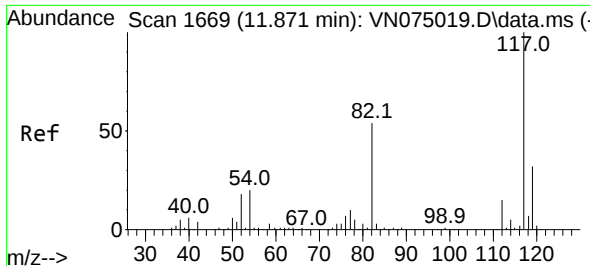
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 4.590 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion: 95 Resp: 6490
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.4
176 68.2 0.0 142.2





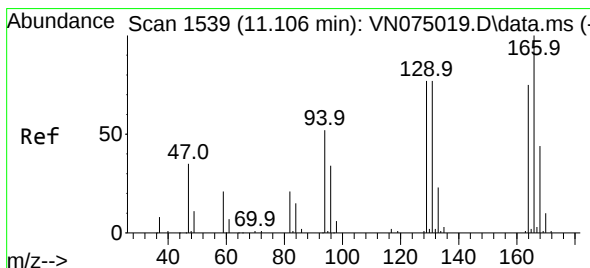
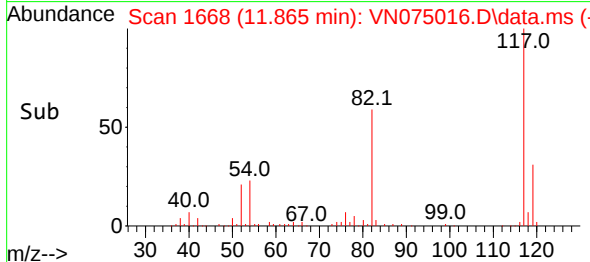
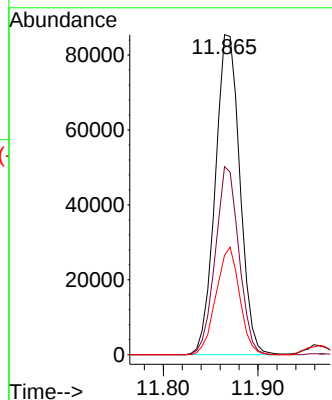
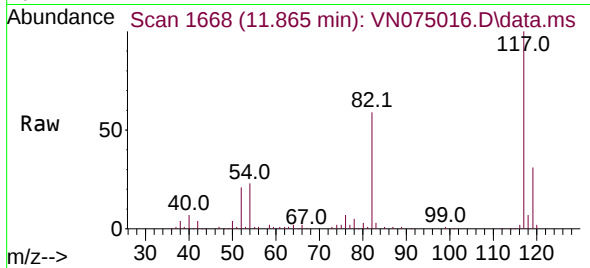
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 154390
Ion Ratio Lower Upper
117 100
82 58.7 43.1 64.7
119 31.1 25.5 38.3

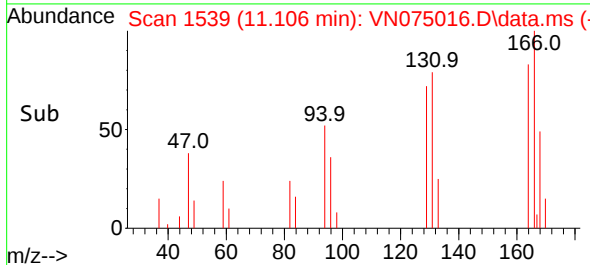
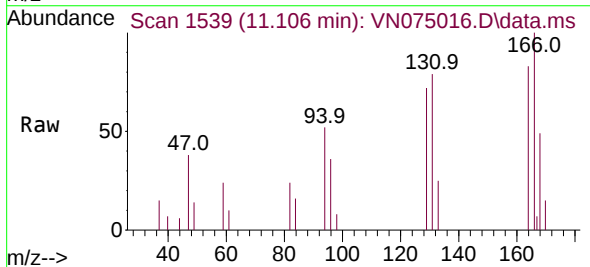
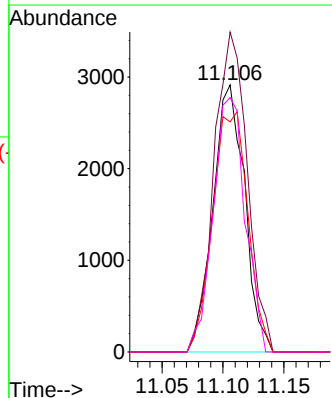
Manual Integrations
APPROVED

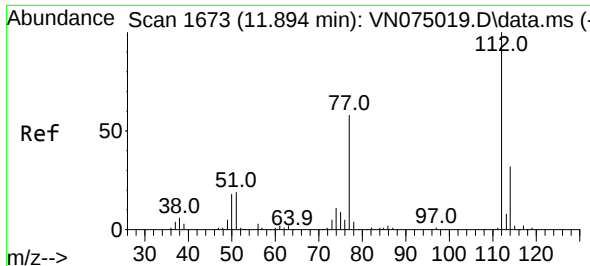
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 5.589 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

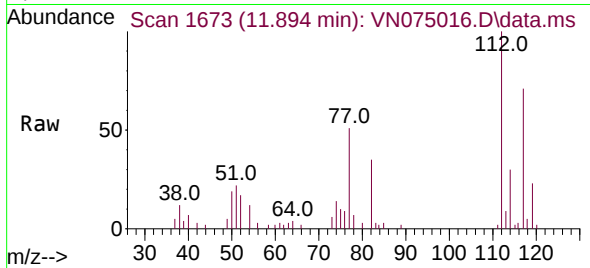
Tgt Ion:164 Resp: 5290
Ion Ratio Lower Upper
164 100
166 119.8 106.5 159.7
129 86.2 81.9 122.9
131 95.3 81.4 122.2





#65
Chlorobenzene
Concen: 5.386 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

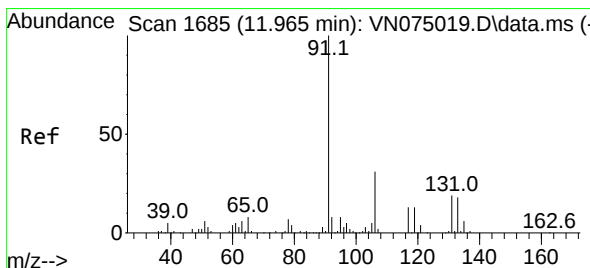
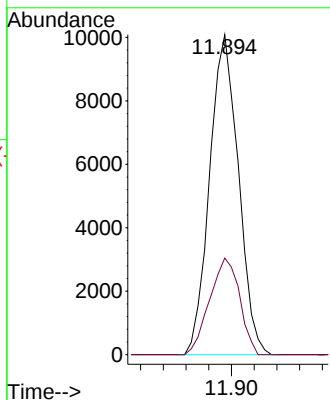
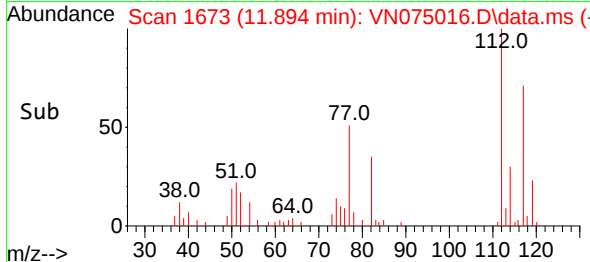
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



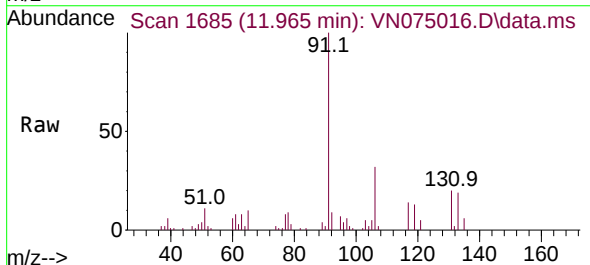
Tgt Ion:112 Resp: 1775
Ion Ratio Lower Upper
112 100
114 30.2 25.4 38.2

Manual Integrations
APPROVED

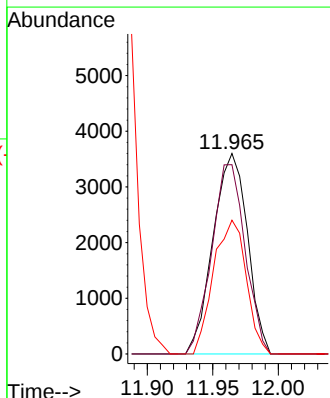
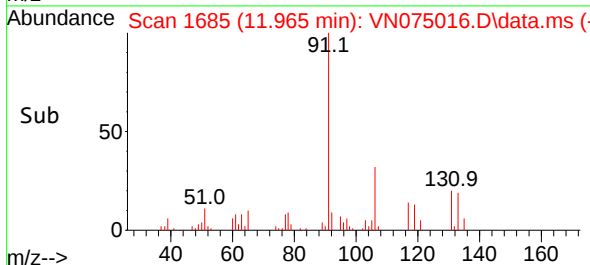
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 5.376 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01



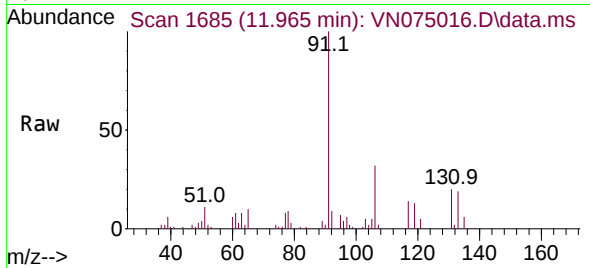
Tgt Ion:131 Resp: 6572
Ion Ratio Lower Upper
131 100
133 92.0 47.8 143.4
119 63.4 33.0 99.0





#67
Ethyl Benzene
Concen: 5.089 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

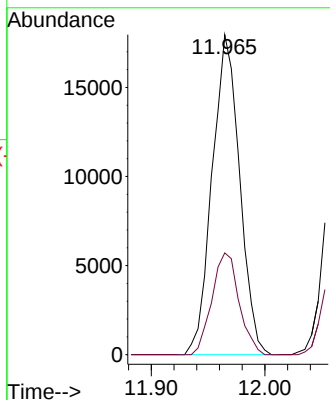
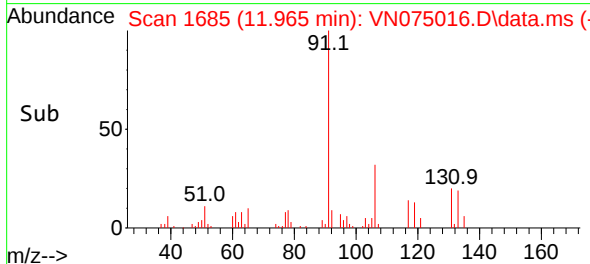
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



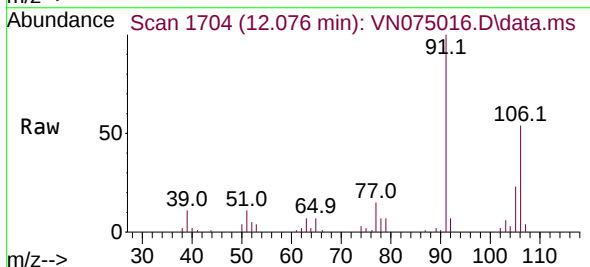
Tgt Ion: 91 Resp: 3017
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
APPROVED

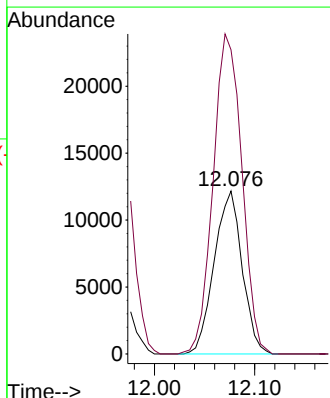
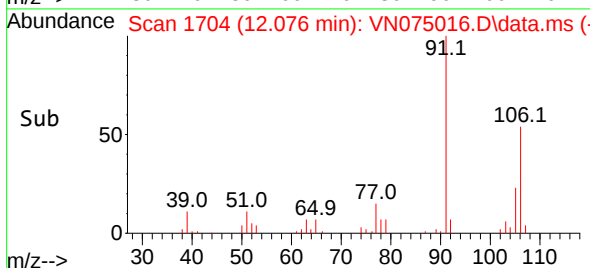
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

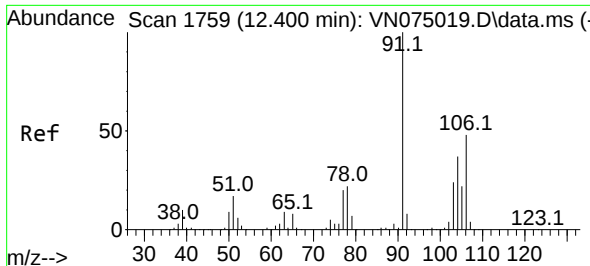


#68
m/p-Xylenes
Concen: 9.894 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01



Tgt Ion:106 Resp: 23539
Ion Ratio Lower Upper
106 100
91 202.1 156.0 234.0





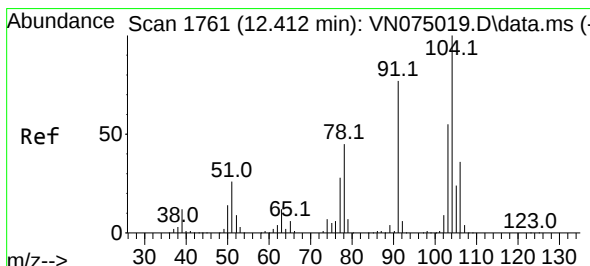
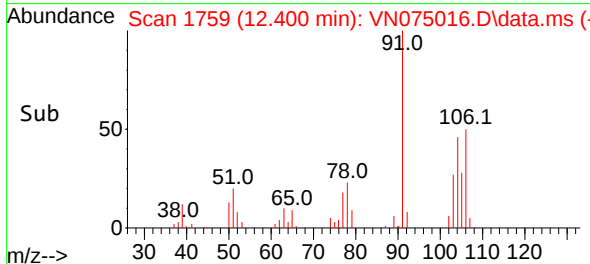
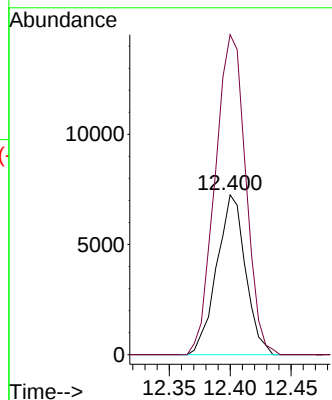
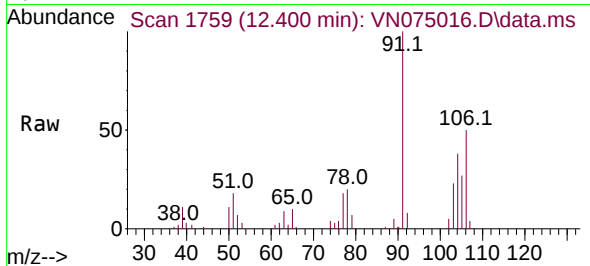
#69
o-Xylene
Concen: 5.072 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1193
Ion Ratio Lower Upper
106 100
91 212.6 105.2 315.5

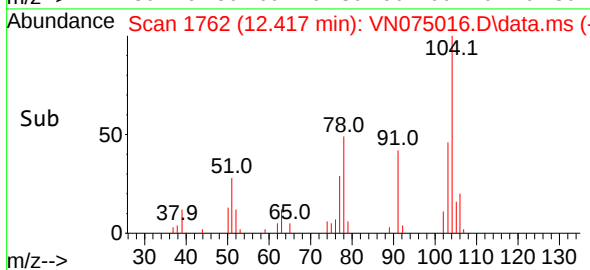
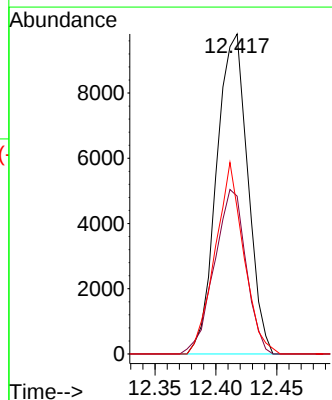
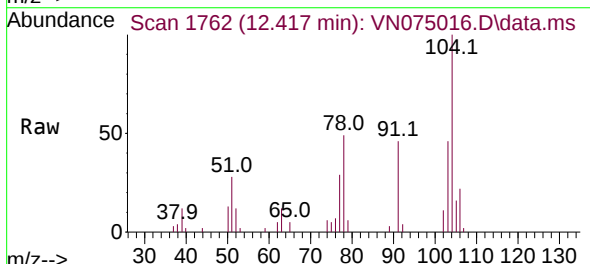
Manual Integrations
APPROVED

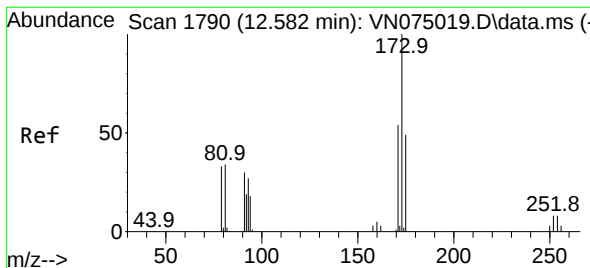
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 4.655 ug/l
RT: 12.417 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion:104 Resp: 17465
Ion Ratio Lower Upper
104 100
78 52.1 38.1 57.1
103 54.9 44.6 66.8





#71

Bromoform

Concen: 4.494 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

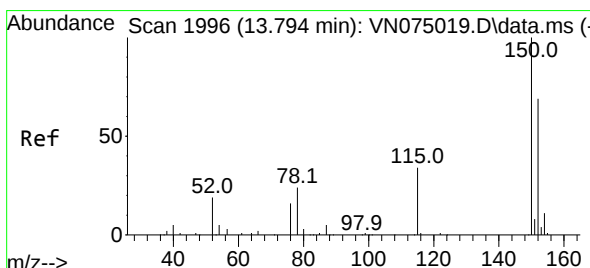
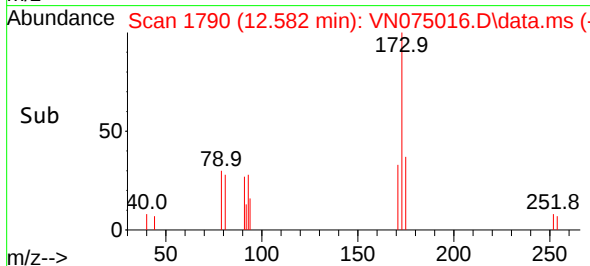
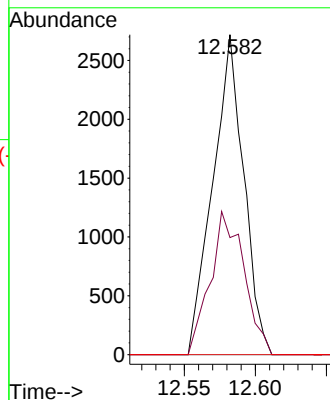
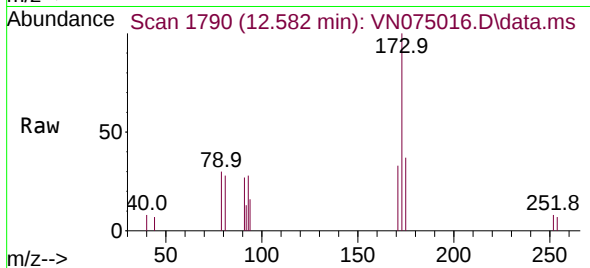
Tgt Ion:	173	Resp:	411
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

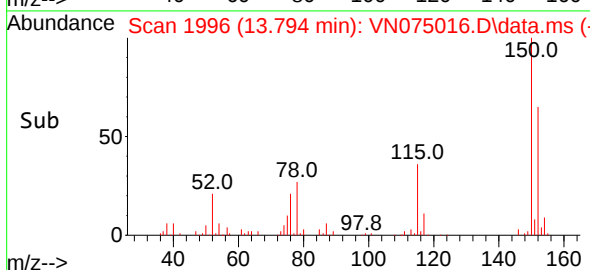
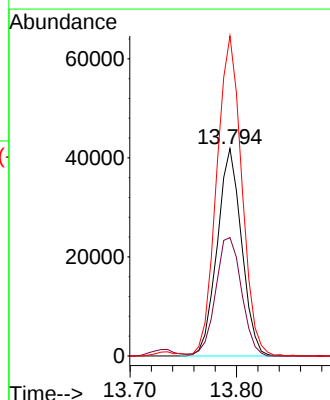
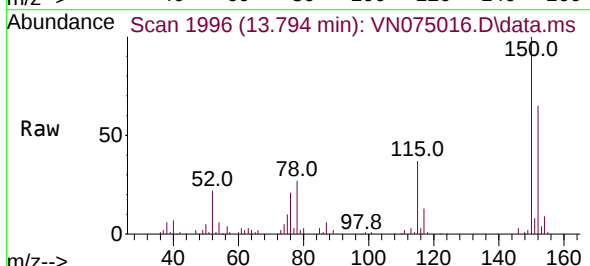
RT: 13.794 min Scan# 1996

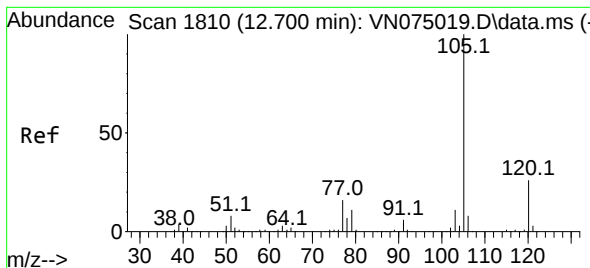
Delta R.T. -0.000 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

Tgt Ion:	152	Resp:	66431
Ion Ratio	Lower	Upper	
152	100		
115	60.8	30.2	90.6
150	159.2	0.0	348.4





#73

Isopropylbenzene

Concen: 5.633 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 3004

Ion Ratio Lower Upper

105 100

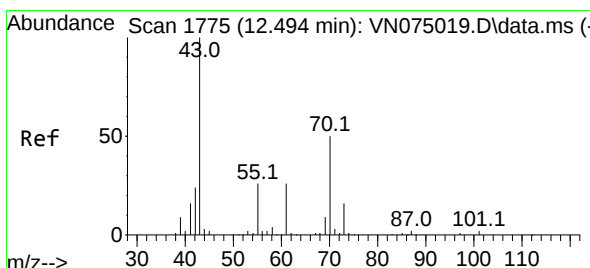
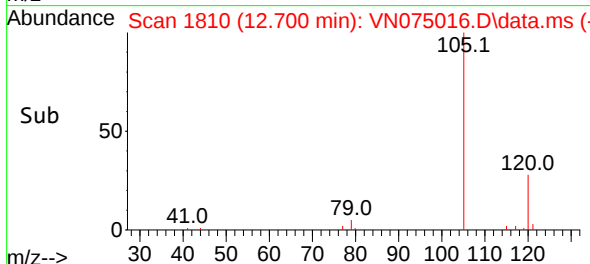
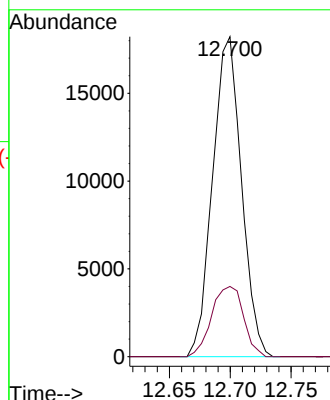
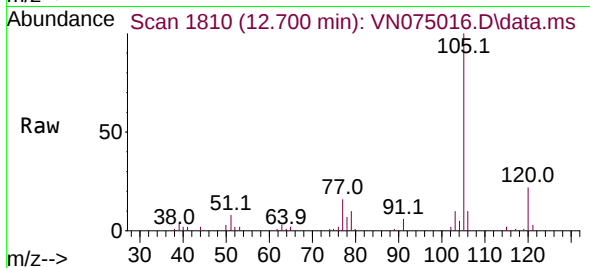
120 24.2 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#74

N-ethyl acetate

Concen: 5.851 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

Tgt Ion: 43 Resp: 11541

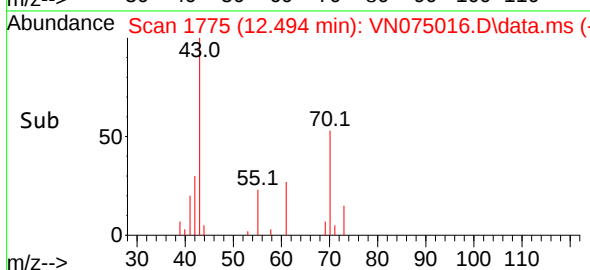
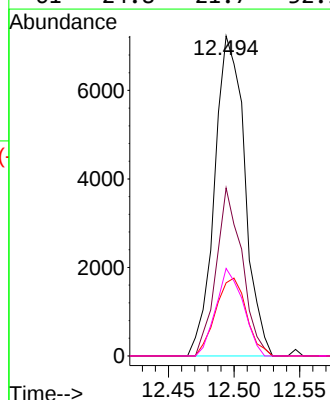
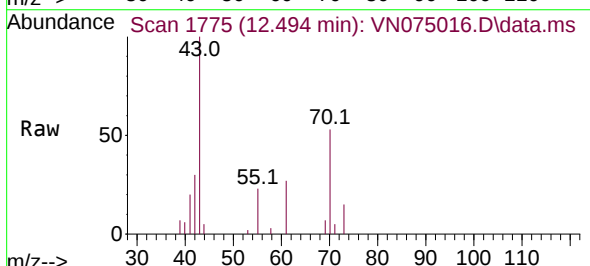
Ion Ratio Lower Upper

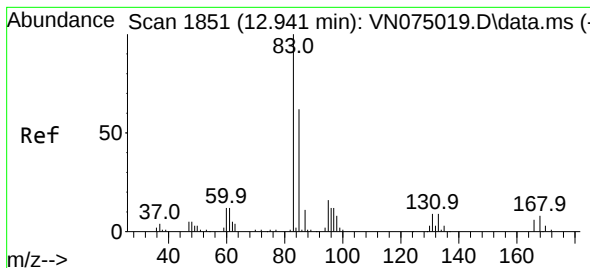
43 100

70 45.3 39.8 59.8

55 24.8 19.9 29.9

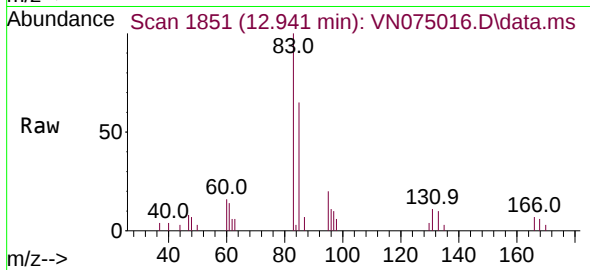
61 24.8 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 6.150 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

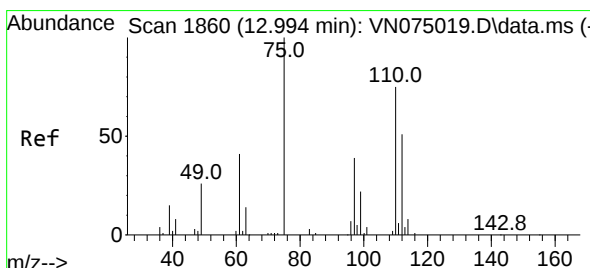
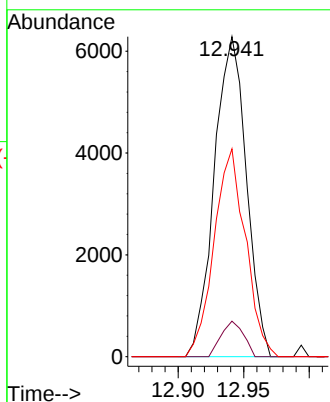
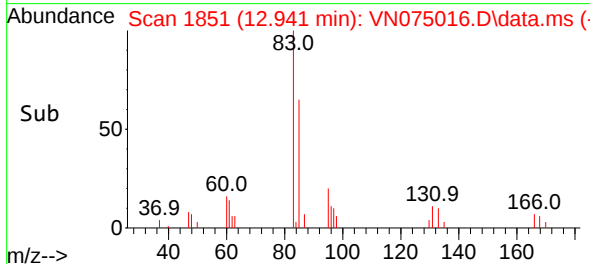
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



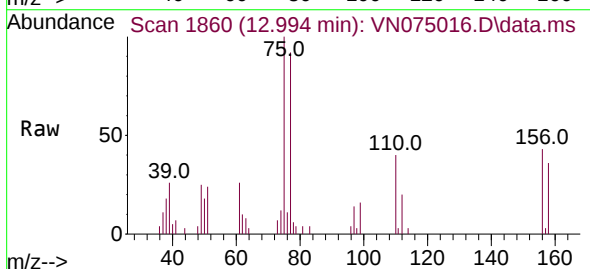
Tgt Ion: 83 Resp: 10699
Ion Ratio Lower Upper
83 100
131 7.7 5.1 15.3
85 63.7 31.6 94.7

Manual Integrations
APPROVED

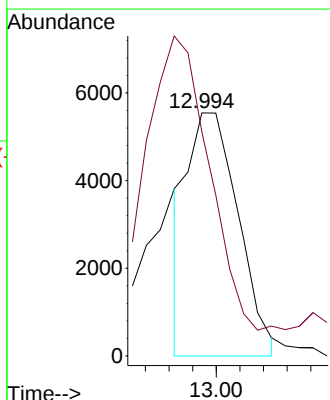
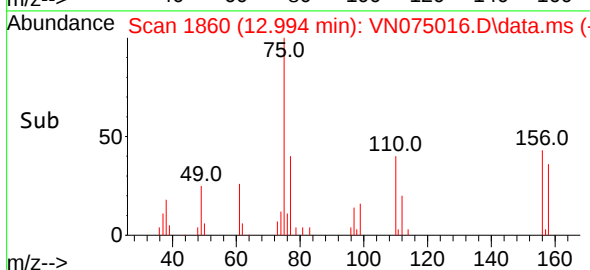
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

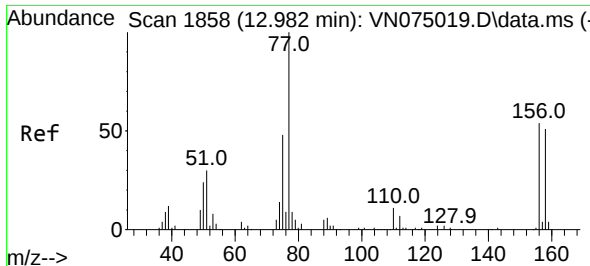


#76
1,2,3-Trichloropropane
Concen: 5.282 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01



Tgt Ion: 75 Resp: 8301
Ion Ratio Lower Upper
75 100
77 186.4 75.6 226.8





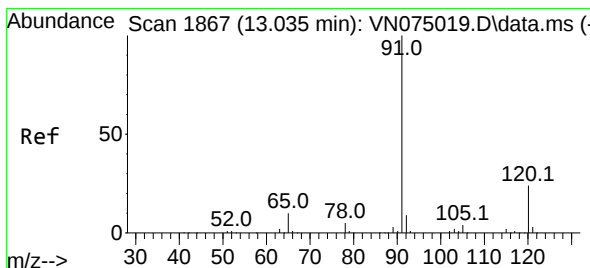
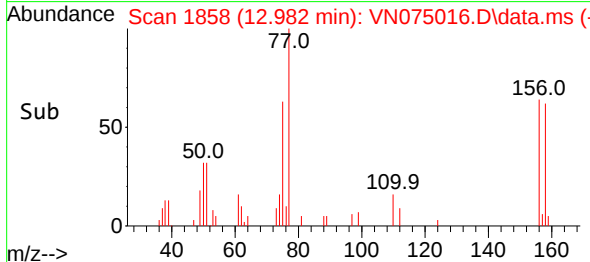
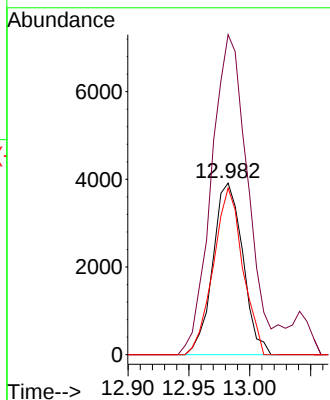
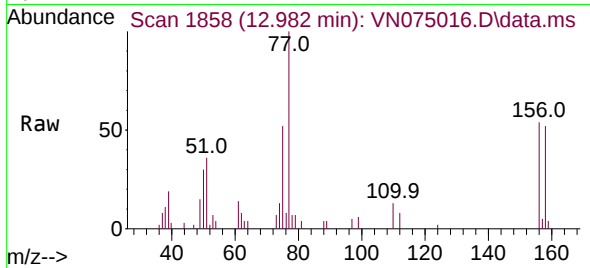
#77
Bromobenzene
Concen: 5.708 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 6700
Ion Ratio Lower Upper
156 100
77 230.9 108.5 325.5
158 95.3 47.7 143.1

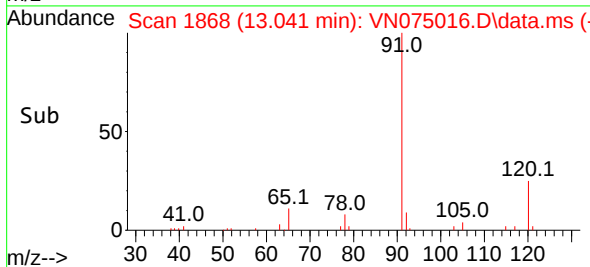
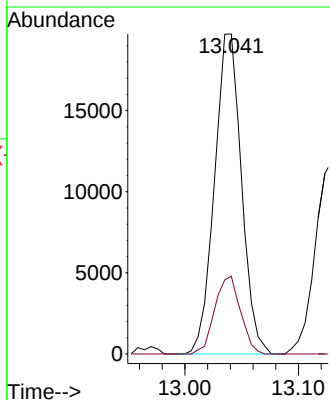
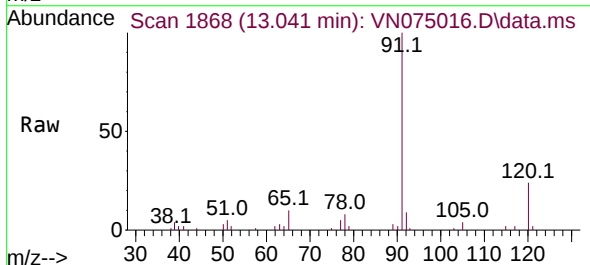
Manual Integrations
APPROVED

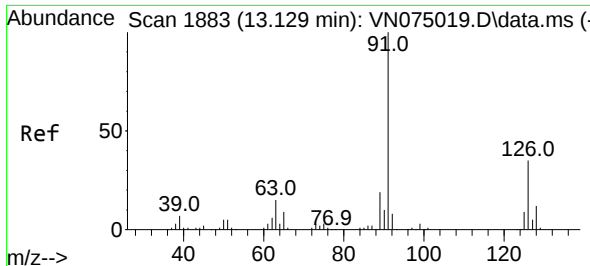
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#78
n-propylbenzene
Concen: 5.433 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion: 91 Resp: 32532
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5





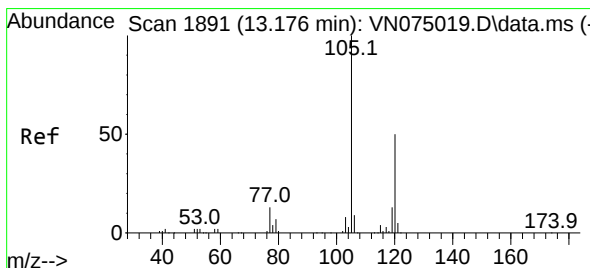
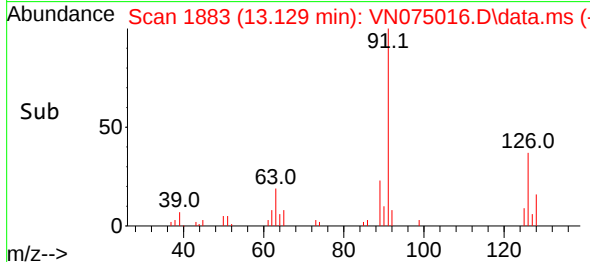
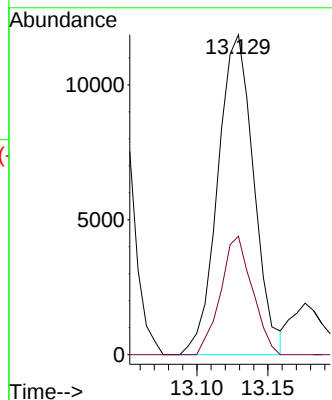
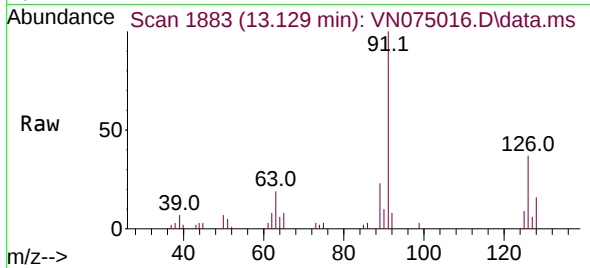
#79
2-Chlorotoluene
Concen: 5.713 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 20904
Ion Ratio Lower Upper
91 100
126 32.7 16.9 50.7

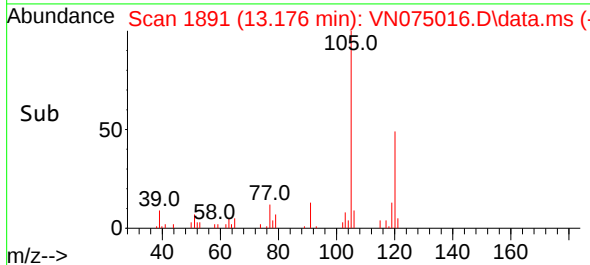
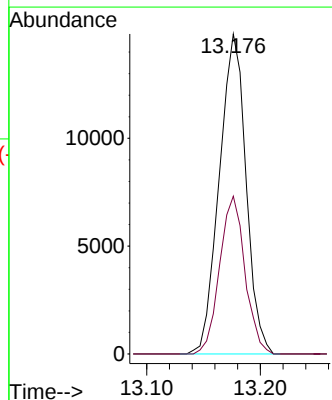
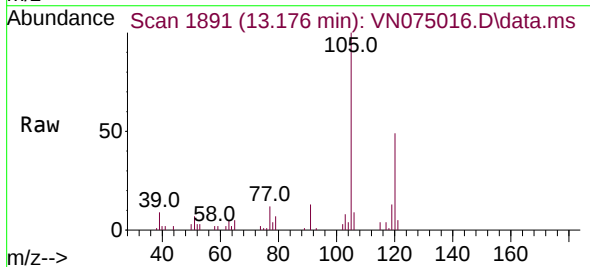
Manual Integrations
APPROVED

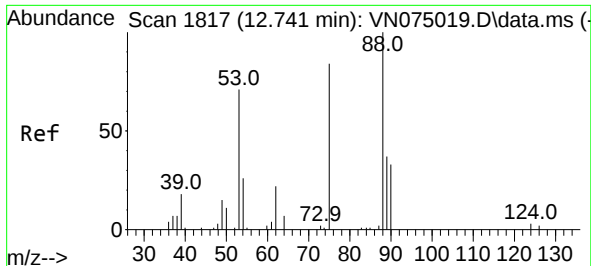
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.411 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

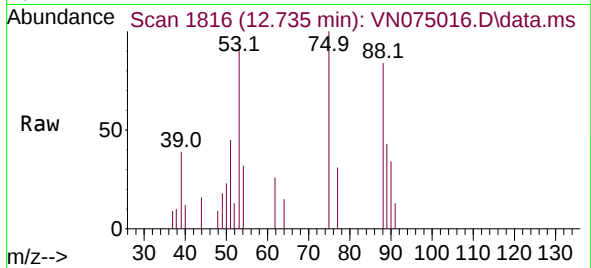
Tgt Ion:105 Resp: 24238
Ion Ratio Lower Upper
105 100
120 46.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 5.159 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

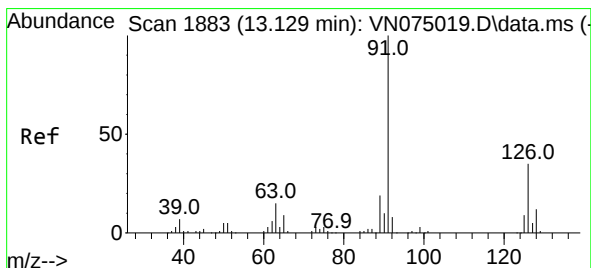
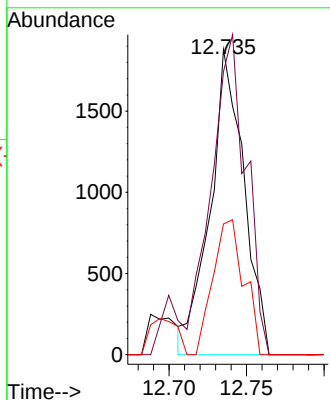
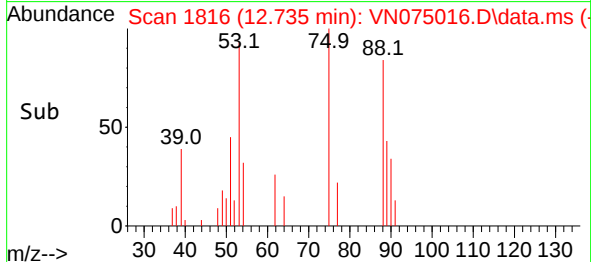
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 2835
Ion Ratio Lower Upper
75 100
53 108.4 78.5 117.7
89 41.0 37.7 56.5

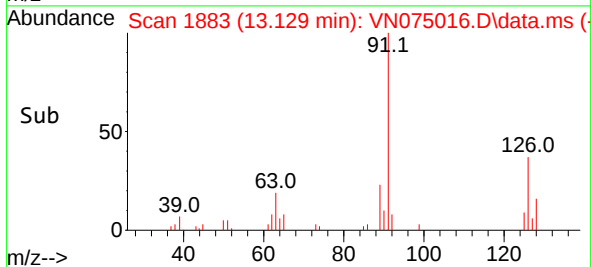
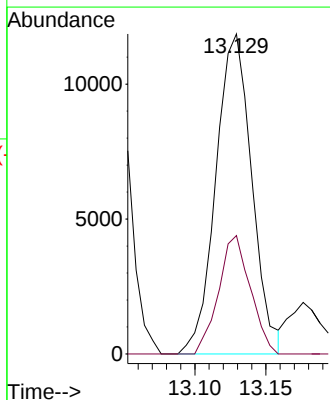
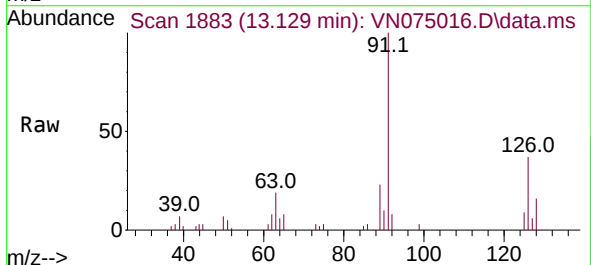
Manual Integrations
APPROVED

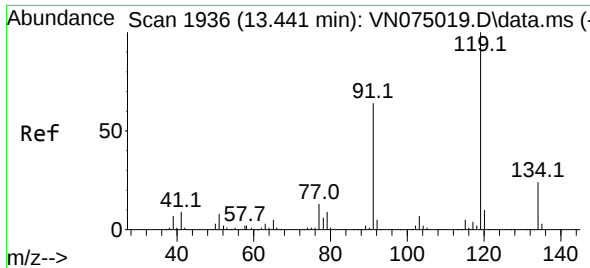
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 5.713 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion: 91 Resp: 20904
Ion Ratio Lower Upper
91 100
126 32.7 16.9 50.7





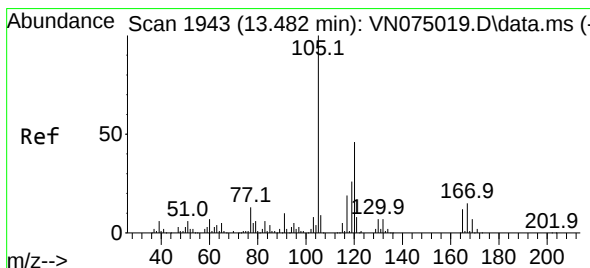
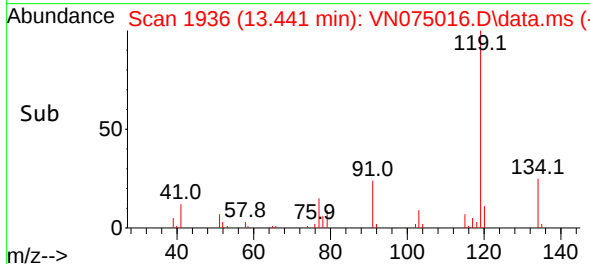
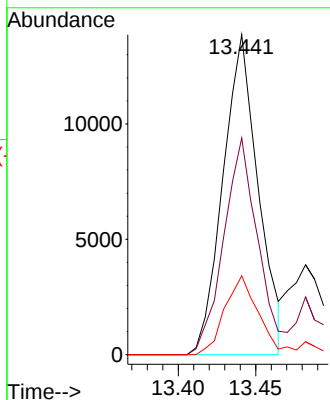
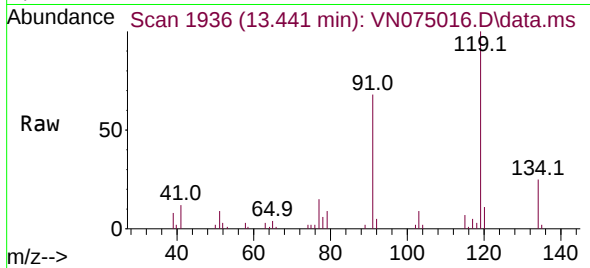
#83
tert-Butylbenzene
Concen: 5.509 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 2192
Ion Ratio Lower Upper
119 100
91 66.5 32.8 98.4
134 23.8 12.3 36.9

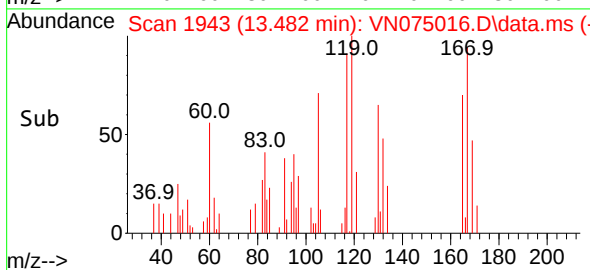
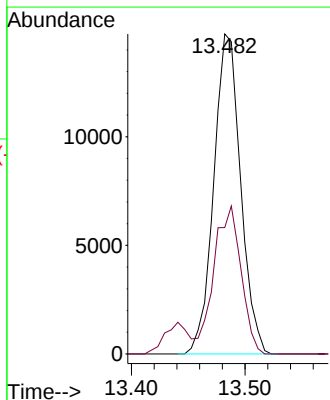
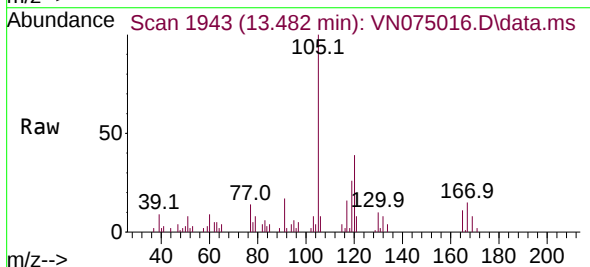
Manual Integrations
APPROVED

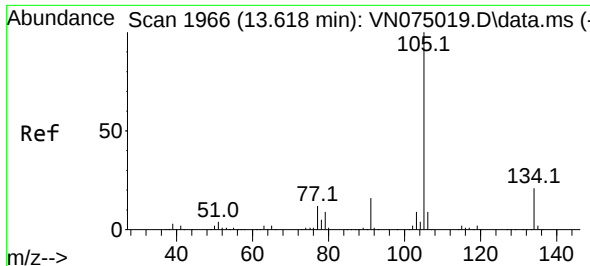
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.345 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion:105 Resp: 24223
Ion Ratio Lower Upper
105 100
120 47.1 22.7 68.1





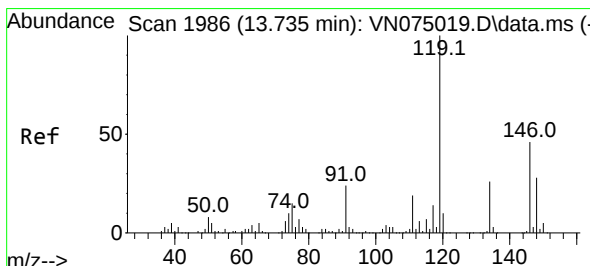
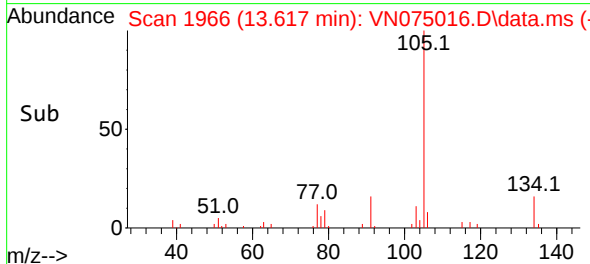
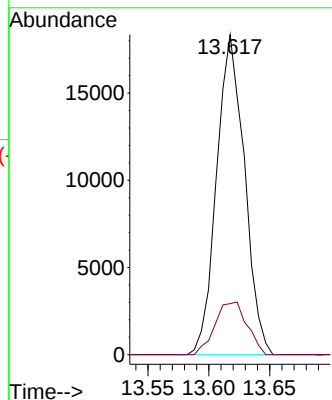
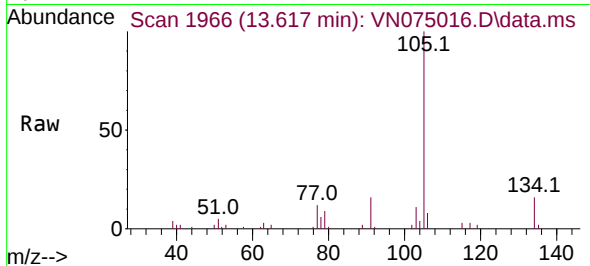
#85
 sec-Butylbenzene
 Concen: 5.250 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075016.D
 Acq: 26 Oct 2022 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 2923
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.2 30.6

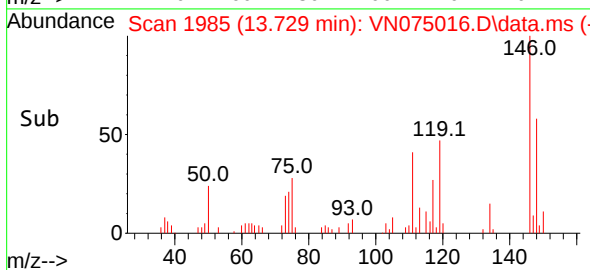
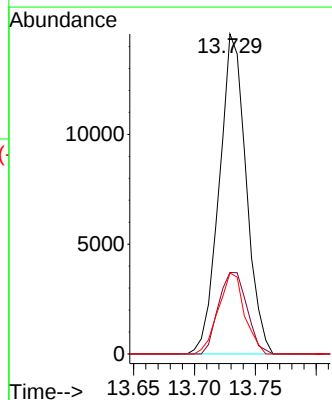
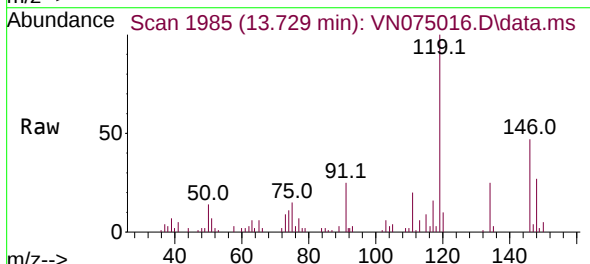
Manual Integrations
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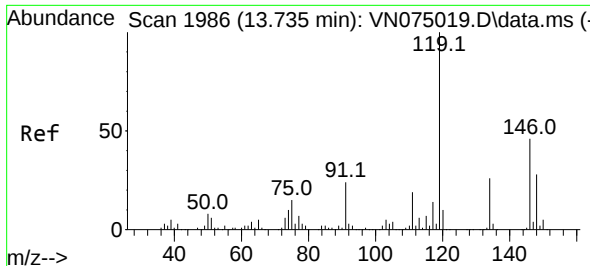
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#86
 p-Isopropyltoluene
 Concen: 4.861 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075016.D
 Acq: 26 Oct 2022 11:01

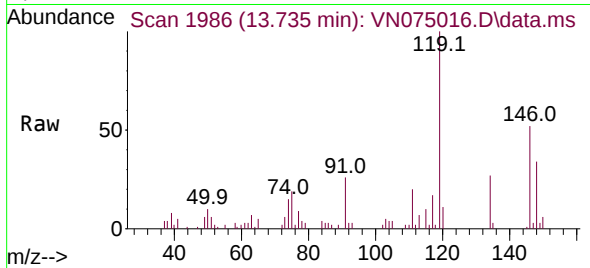
Tgt Ion:119 Resp: 22353
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 24.6 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 5.330 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN075016.D
 Acq: 26 Oct 2022 11:01

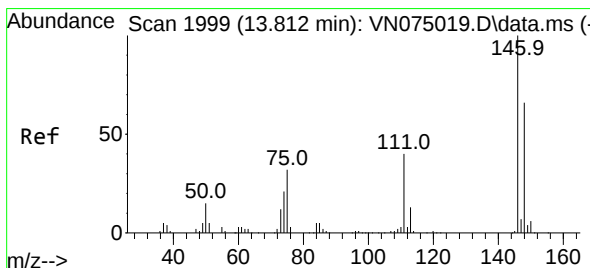
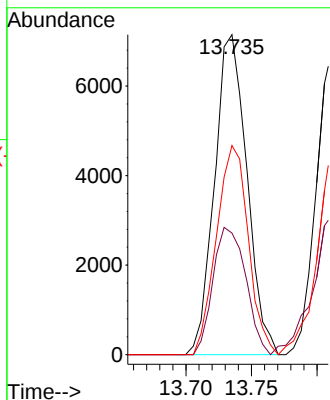
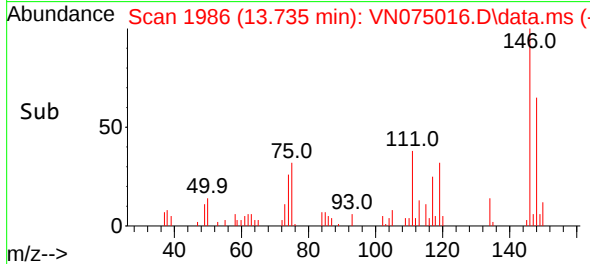
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



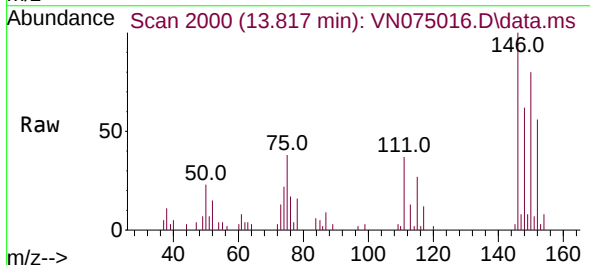
Tgt Ion:146 Resp: 1225
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.8 62.5
 148 64.5 31.1 93.5

Manual Integrations
 APPROVED

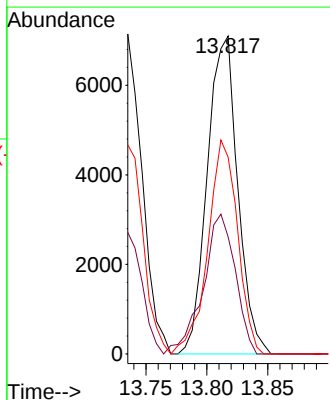
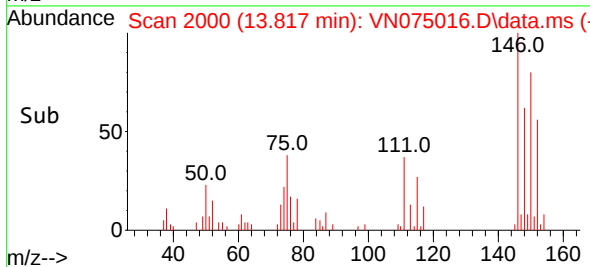
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

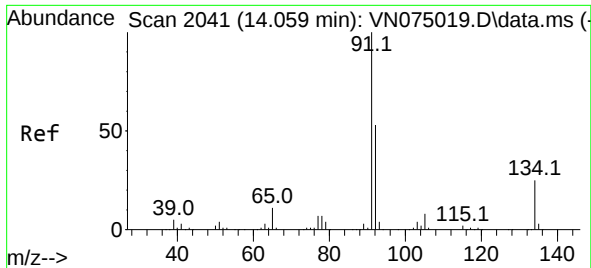


#88
 1,4-Dichlorobenzene
 Concen: 5.432 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN075016.D
 Acq: 26 Oct 2022 11:01



Tgt Ion:146 Resp: 12361
 Ion Ratio Lower Upper
 146 100
 111 46.5 20.1 60.3
 148 65.6 31.9 95.7





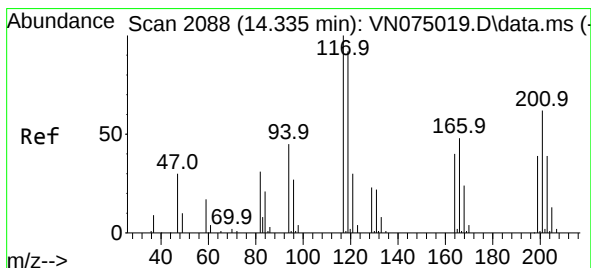
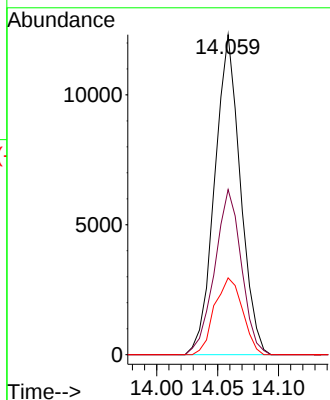
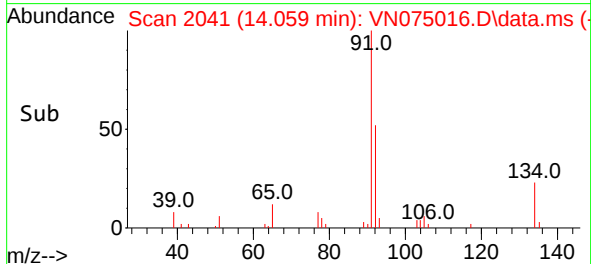
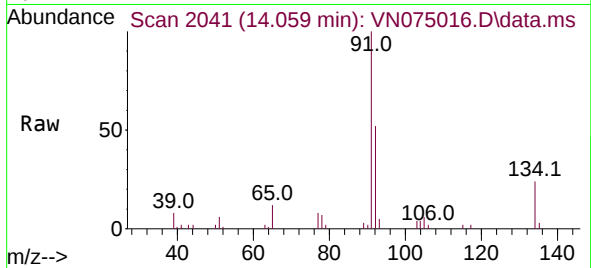
#89
n-Butylbenzene
Concen: 4.879 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 1806
Ion Ratio Lower Upper
91 100
92 53.8 26.5 79.4
134 26.1 13.0 39.0

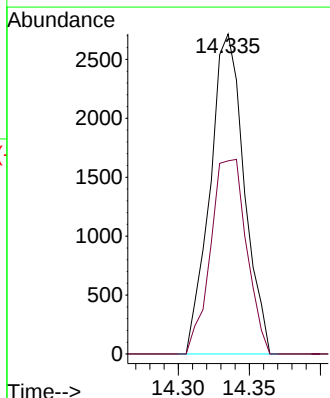
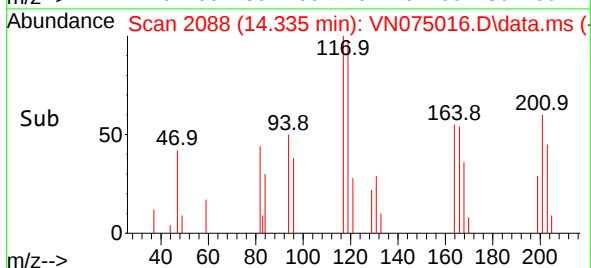
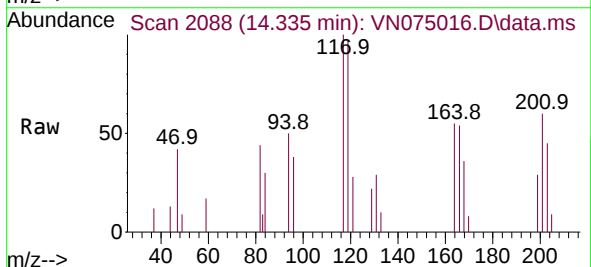
Manual Integrations
APPROVED

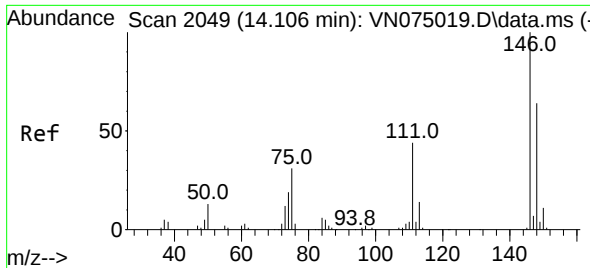
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 5.392 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion:117 Resp: 4546
Ion Ratio Lower Upper
117 100
201 63.9 31.5 94.5





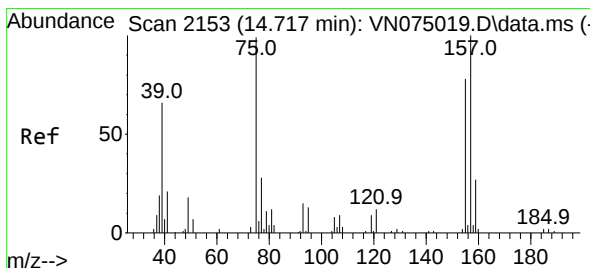
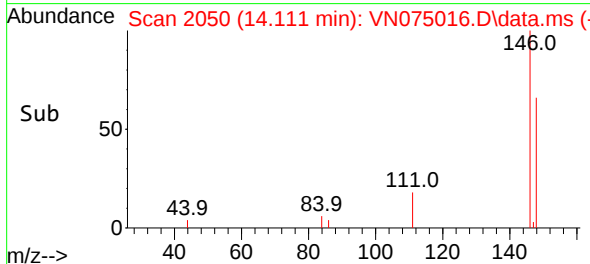
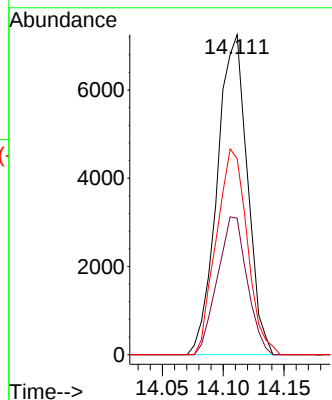
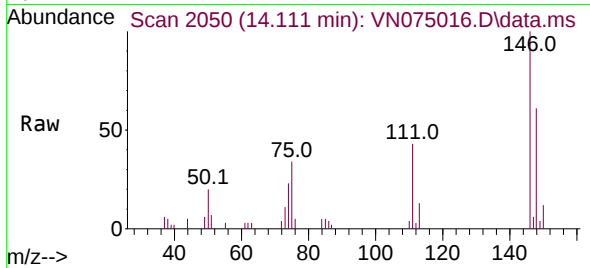
#91
1,2-Dichlorobenzene
Concen: 5.460 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 12480
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.9
148 66.1 31.4 94.2

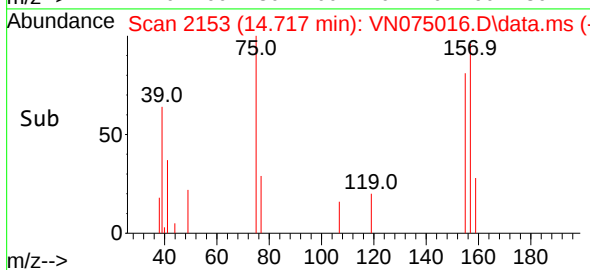
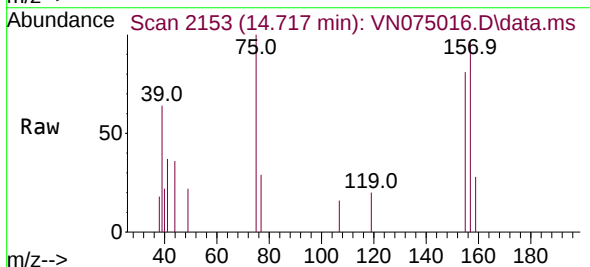
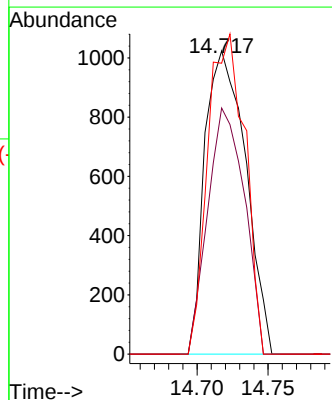
Manual Integrations
APPROVED

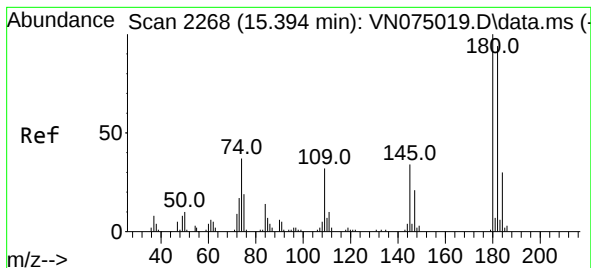
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.685 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

Tgt Ion: 75 Resp: 2045
Ion Ratio Lower Upper
75 100
155 73.2 42.1 126.3
157 96.0 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 5.036 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

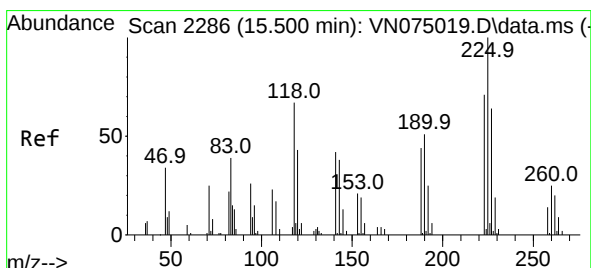
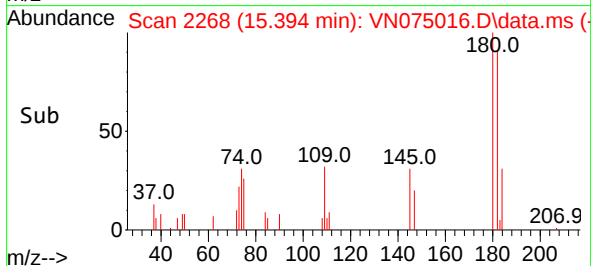
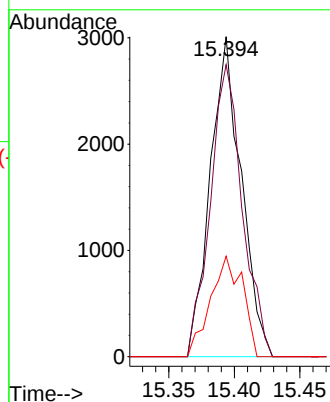
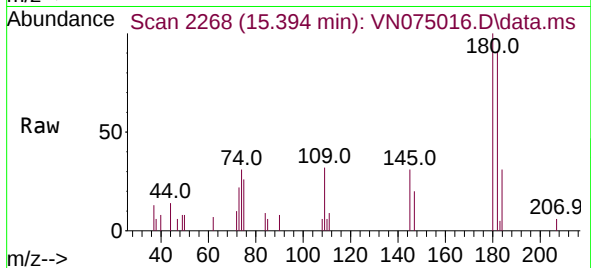
Tgt Ion:180	Resp:	495
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.8 143.4
145	32.4	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#94

Hexachlorobutadiene

Concen: 5.854 ug/l

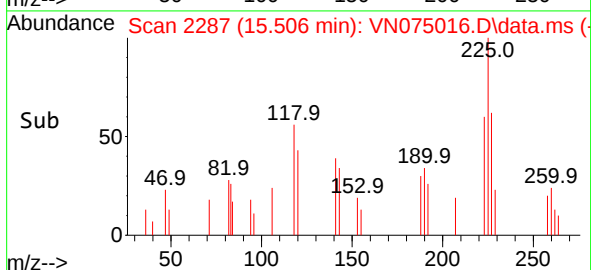
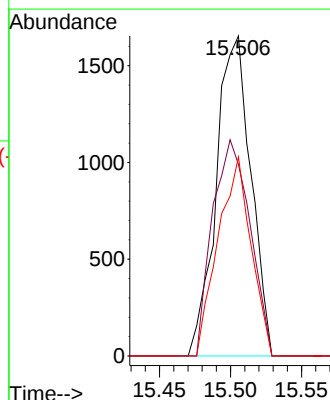
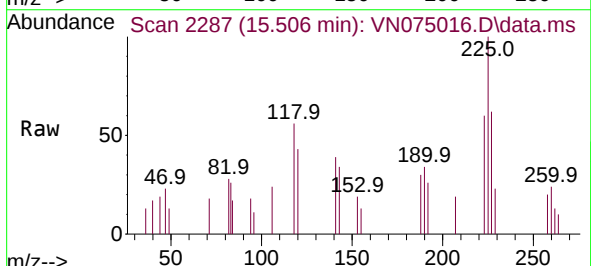
RT: 15.506 min Scan# 2287

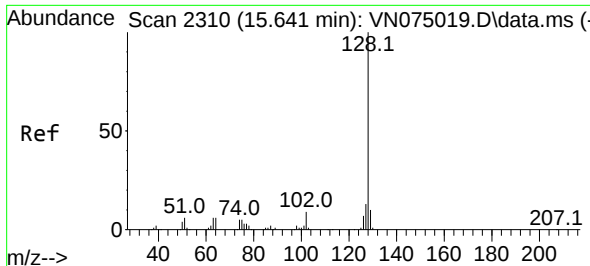
Delta R.T. 0.006 min

Lab File: VN075016.D

Acq: 26 Oct 2022 11:01

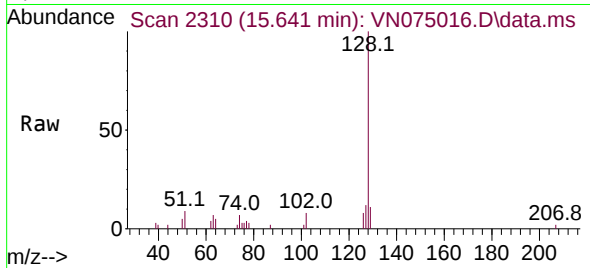
Tgt Ion:225	Resp:	2807
Ion Ratio	Lower	Upper
225	100	
223	73.0	32.3 96.9
227	59.0	32.0 96.2





#95
Naphthalene
Concen: 5.025 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01

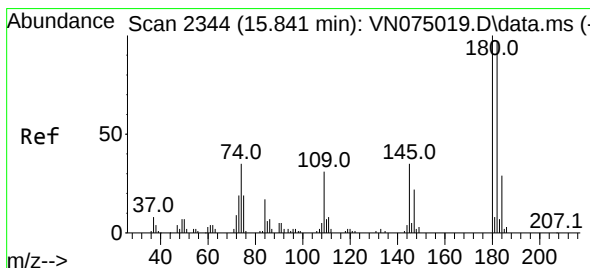
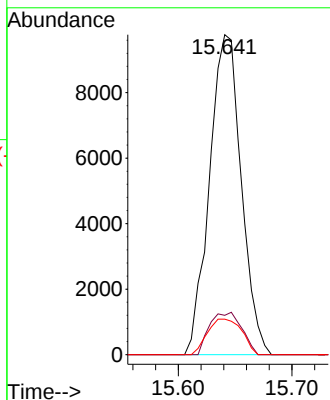
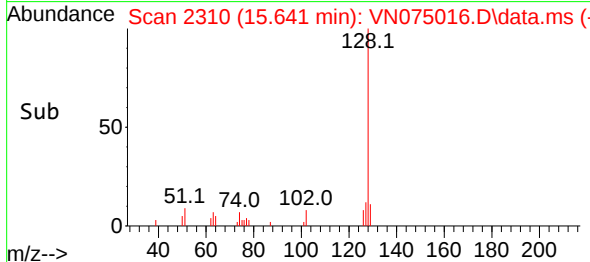
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



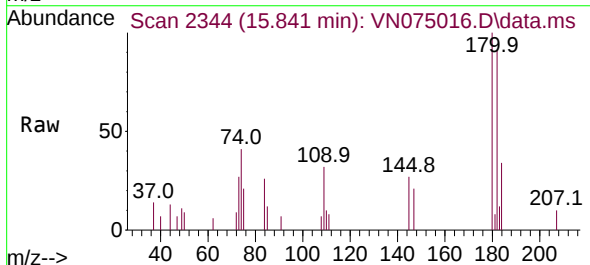
Tgt Ion:128 Resp: 19009
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 12.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carbone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.955 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075016.D
Acq: 26 Oct 2022 11:01



Tgt Ion:180 Resp: 4843
Ion Ratio Lower Upper
180 100
182 102.3 47.3 141.8
145 36.9 17.6 52.9

