

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075028.D
 Acq On : 26 Oct 2022 18:05
 Operator : JC\MD
 Sample : VN1026MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 27 09:56:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	131450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	246704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	220846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	95854	54.120	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.240%			
35) Dibromofluoromethane	8.171	113	80405	55.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.040%			
50) Toluene-d8	10.571	98	313204	55.741	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.480%			
62) 4-Bromofluorobenzene	12.853	95	113903	57.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	43319	25.333	ug/l	96
3) Chloromethane	2.377	50	37720	20.767	ug/l	95
4) Vinyl Chloride	2.524	62	50969	19.670	ug/l	94
5) Bromomethane	2.942	94	39703	18.326	ug/l	96
6) Chloroethane	3.118	64	35682	19.204	ug/l	97
7) Trichlorofluoromethane	3.501	101	60642	22.910	ug/l	96
8) Diethyl Ether	3.971	74	22260	23.056	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.383	101	32436	22.189	ug/l	99
10) Methyl Iodide	4.595	142	48404	22.242	ug/l	98
11) Tert butyl alcohol	5.548	59	39004	94.433	ug/l	98
12) 1,1-Dichloroethene	4.353	96	30279	21.730	ug/l	89
13) Acrolein	4.195	56	34430	101.912	ug/l	99
14) Allyl chloride	5.036	41	42376	20.823	ug/l	95
15) Acrylonitrile	5.736	53	92620	106.154	ug/l	98
16) Acetone	4.442	43	76632	102.184	ug/l	95
17) Carbon Disulfide	4.718	76	70665	20.167	ug/l	100
18) Methyl Acetate	5.042	43	51625	21.074	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	110356	21.309	ug/l	98
20) Methylene Chloride	5.283	84	35036	20.953	ug/l	87
21) trans-1,2-Dichloroethene	5.795	96	31908	20.914	ug/l	94
22) Diisopropyl ether	6.689	45	91210	20.309	ug/l	98
23) Vinyl Acetate	6.618	43	379546	101.205	ug/l	100
24) 1,1-Dichloroethane	6.583	63	58373	20.551	ug/l	99
25) 2-Butanone	7.494	43	118138	100.152	ug/l	97
26) 2,2-Dichloropropane	7.500	77	54271	20.769	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	38381	21.066	ug/l	98
28) Bromochloromethane	7.818	49	23732	19.820	ug/l	88
29) Tetrahydrofuran	7.847	42	78745	103.308	ug/l	100
30) Chloroform	7.977	83	64004	20.754	ug/l	99
31) Cyclohexane	8.265	56	52129	19.789	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	60359	21.553	ug/l	96
36) 1,1-Dichloropropene	8.377	75	45349	20.225	ug/l	98
37) Ethyl Acetate	7.571	43	47947	19.499	ug/l	98
38) Carbon Tetrachloride	8.371	117	51346	20.818	ug/l	99
39) Methylcyclohexane	9.600	83	59986	20.265	ug/l	97
40) Benzene	8.612	78	138590	20.187	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	24894	21.131	ug/l	98
42) 1,2-Dichloroethane	8.677	62	49255	19.720	ug/l	97
43) Isopropyl Acetate	8.694	43	77606	20.347	ug/l	99
44) Trichloroethene	9.359	130	36206	21.021	ug/l	96
45) 1,2-Dichloropropane	9.624	63	33585	20.556	ug/l	98
46) Dibromomethane	9.712	93	26136	20.533	ug/l	97
47) Bromodichloromethane	9.894	83	48678	19.748	ug/l	100
48) Methyl methacrylate	9.688	41	34288	19.597	ug/l	99
49) 1,4-Dioxane	9.700	88	18178	396.763	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	241085	97.950	ug/l	98
52) Toluene	10.635	92	96390	21.004	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	52753	20.276	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	55705	20.186	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	37254	20.473	ug/l	95
56) Ethyl methacrylate	10.877	69	57854	20.843	ug/l	99
57) 1,3-Dichloropropane	11.165	76	62527	20.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	107480	100.162	ug/l	99
59) 2-Hexanone	11.200	43	184188	98.599	ug/l	99
60) Dibromochloromethane	11.365	129	38949	20.288	ug/l	98
61) 1,2-Dibromoethane	11.471	107	39032	20.931	ug/l	98
64) Tetrachloroethene	11.106	164	27688	20.449	ug/l	96
65) Chlorobenzene	11.894	112	100851	21.394	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	37140	21.239	ug/l	99
67) Ethyl Benzene	11.965	91	180786	21.316	ug/l	96
68) m/p-Xylenes	12.076	106	144553	42.477	ug/l	99
69) o-Xylene	12.400	106	73343	21.793	ug/l	99
70) Styrene	12.412	104	117289	21.857	ug/l	100
71) Bromoform	12.582	173	26738	20.422	ug/l #	100
73) Isopropylbenzene	12.700	105	186160	21.277	ug/l	98
74) N-amyl acetate	12.500	43	66539	20.562	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	58525	20.971	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	47135m	20.369	ug/l	
77) Bromobenzene	12.982	156	40267	20.901	ug/l	97
78) n-propylbenzene	13.035	91	211997	21.581	ug/l	96
79) 2-Chlorotoluene	13.129	91	126034	20.996	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	162280	22.082	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	20308	22.528	ug/l	96
82) 4-Chlorotoluene	13.129	91	126034	20.996	ug/l	98
83) tert-Butylbenzene	13.441	119	142368	21.802	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	165233	22.222	ug/l	100
85) sec-Butylbenzene	13.618	105	208399	22.814	ug/l	99
86) p-Isopropyltoluene	13.729	119	171124	22.683	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	81246	21.539	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	80135	21.466	ug/l	97
89) n-Butylbenzene	14.059	91	140247	23.085	ug/l	99
90) Hexachloroethane	14.335	117	29208	21.116	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	81910	21.843	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12622	21.387	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	37177	23.039	ug/l	99
94) Hexachlorobutadiene	15.500	225	18058	22.955	ug/l	98
95) Naphthalene	15.641	128	152719	24.610	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	36261	22.616	ug/l	93

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QLast Update : Thu Oct 27 09:48:49 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

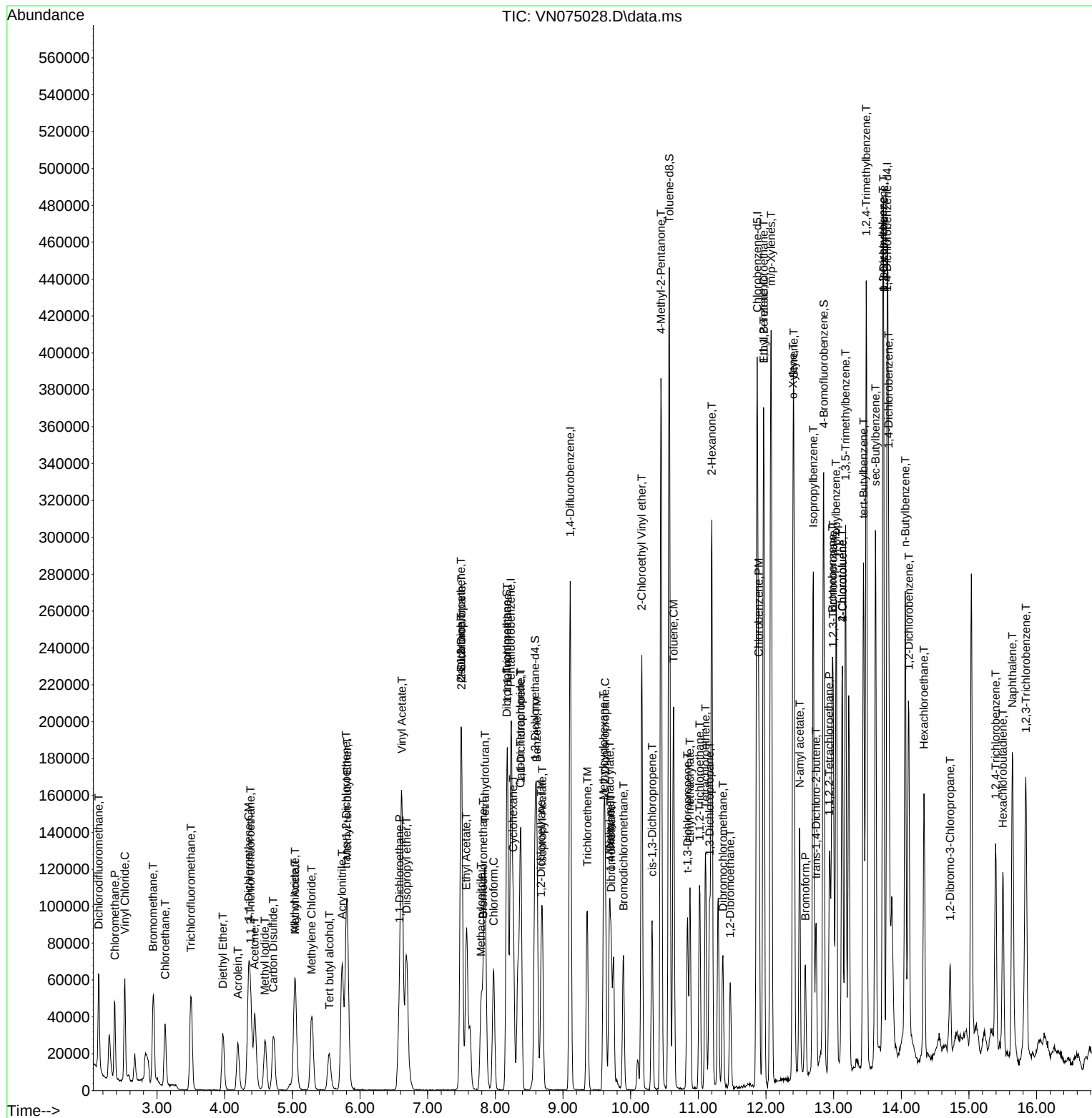
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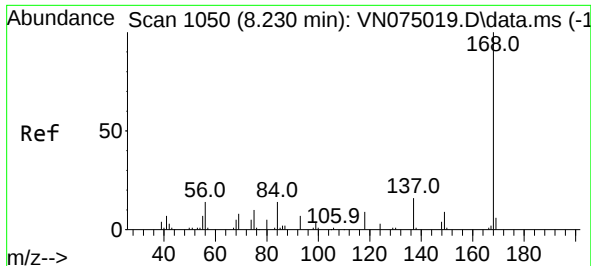
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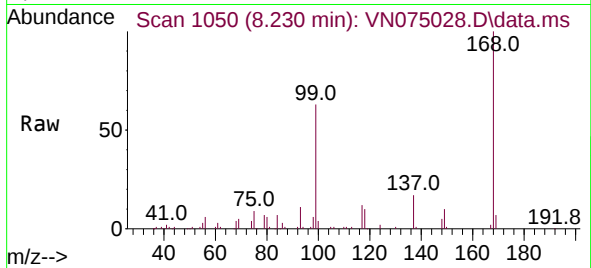
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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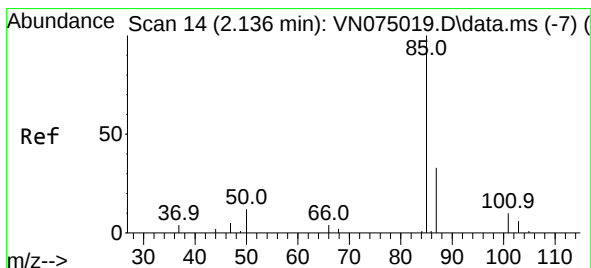
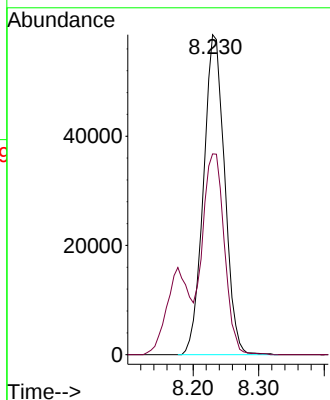
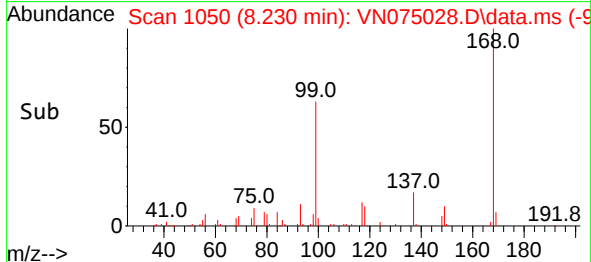
Instrument :
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Tgt Ion:168 Resp: 131450
Ion Ratio Lower Upper
168 100
99 62.7 51.6 77.4

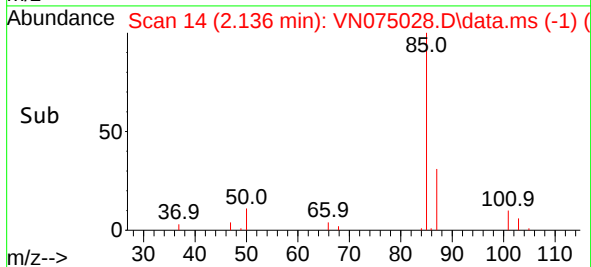
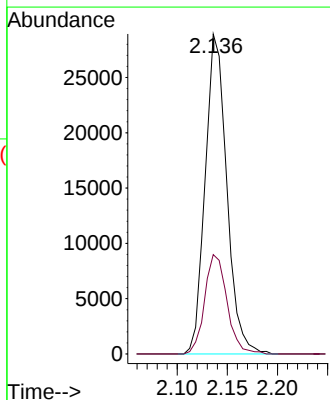
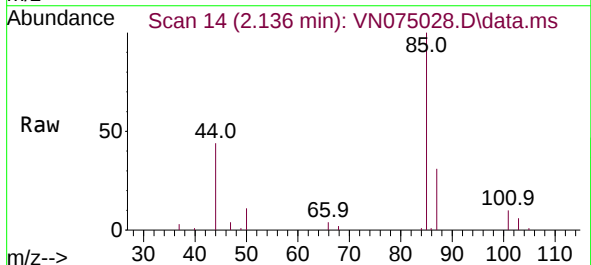
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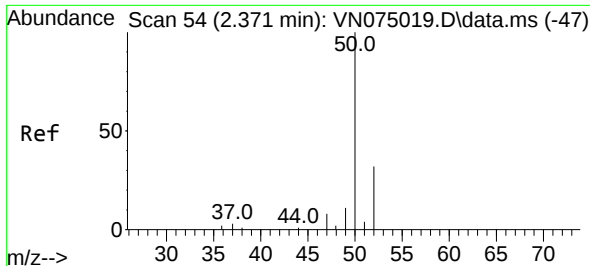
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#2
Dichlorodifluoromethane
Concen: 25.333 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion: 85 Resp: 43319
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.0





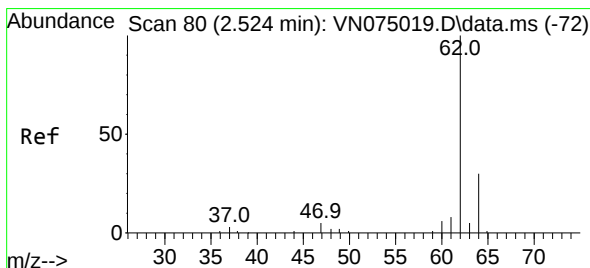
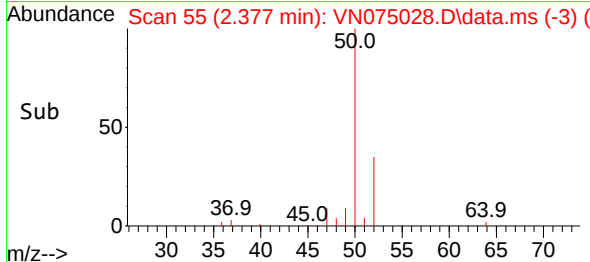
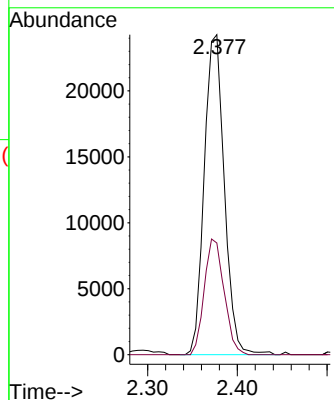
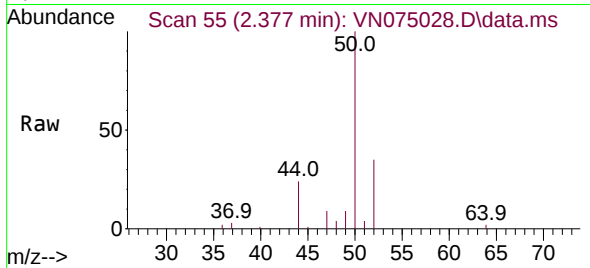
#3
Chloromethane
Concen: 20.767 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

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ClientSampleId :
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Tgt Ion: 50 Resp: 37720
Ion Ratio Lower Upper
50 100
52 34.9 25.8 38.6

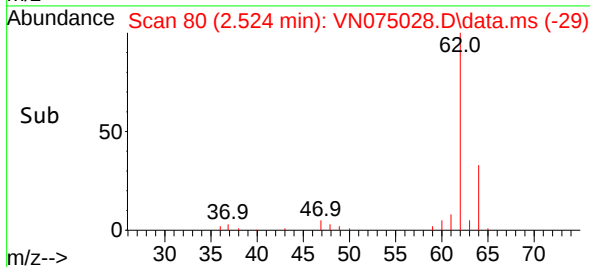
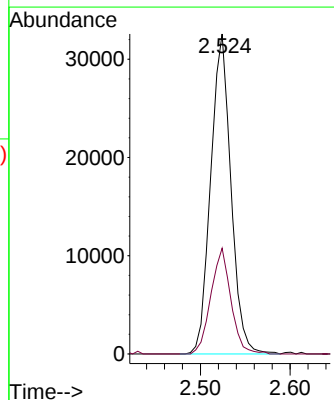
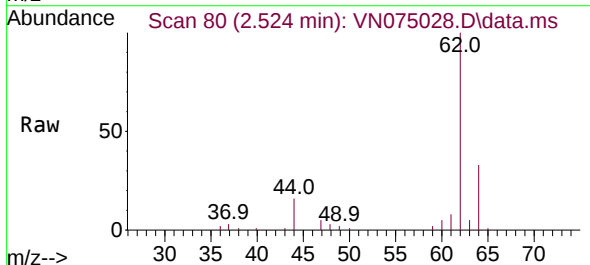
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#4
Vinyl Chloride
Concen: 19.670 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion: 62 Resp: 50969
Ion Ratio Lower Upper
62 100
64 33.0 24.0 36.0





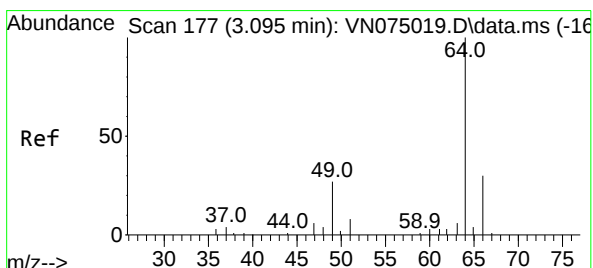
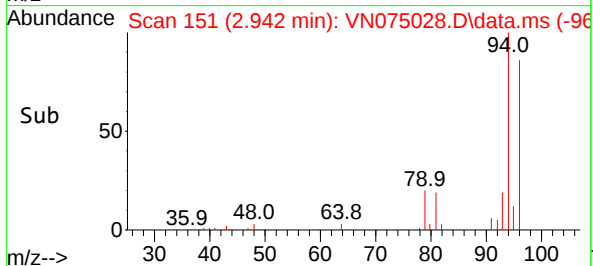
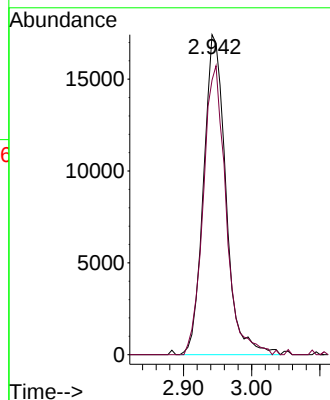
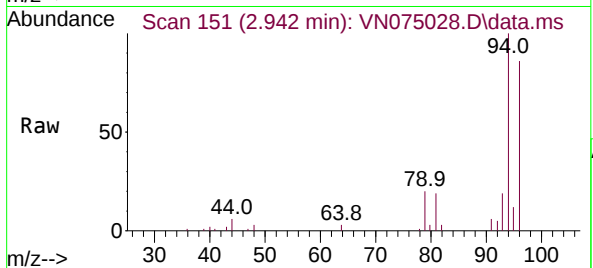
#5
Bromomethane
Concen: 18.326 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075028.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 3970
Ion Ratio Lower Upper
94 100
96 85.8 71.8 107.6

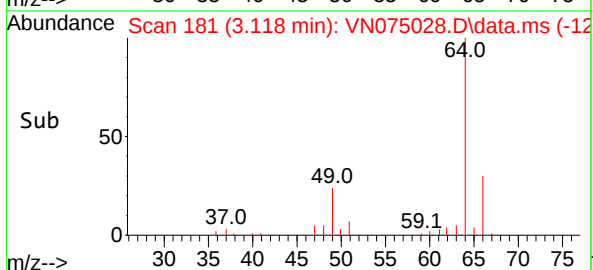
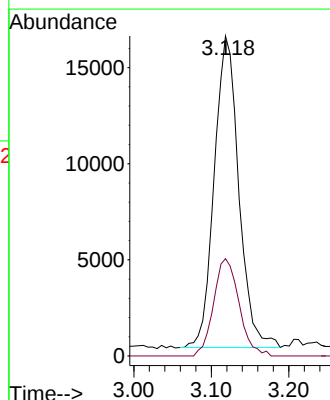
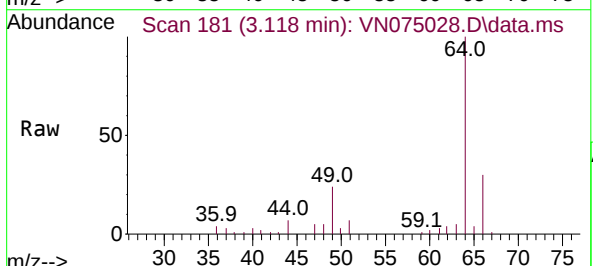
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#6
Chloroethane
Concen: 19.204 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.023 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion: 64 Resp: 35682
Ion Ratio Lower Upper
64 100
66 31.2 23.8 35.8





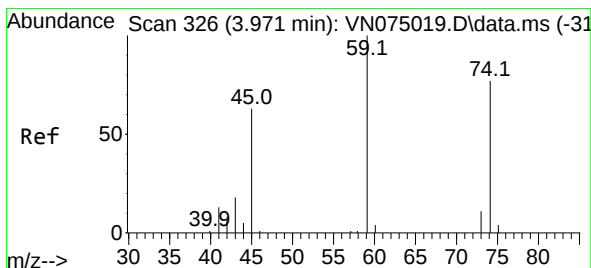
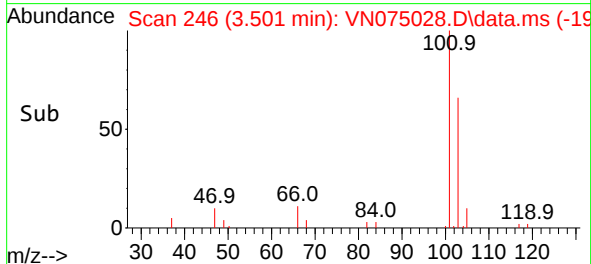
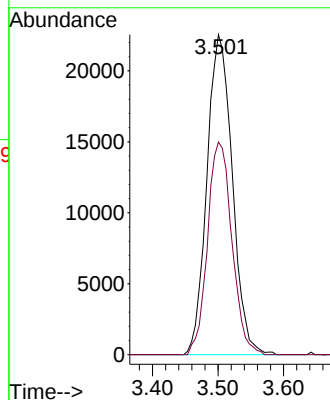
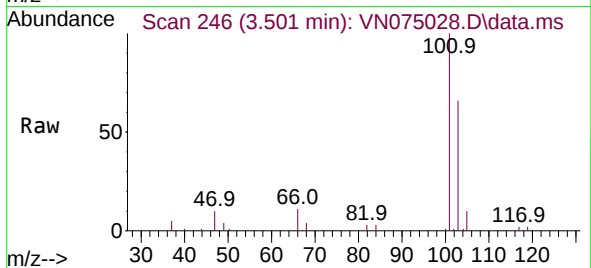
#7
Trichlorofluoromethane
Concen: 22.910 ug/l
RT: 3.501 min Scan# 244
Delta R.T. 0.012 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 6064
Ion Ratio Lower Upper
101 100
103 66.4 50.5 75.7

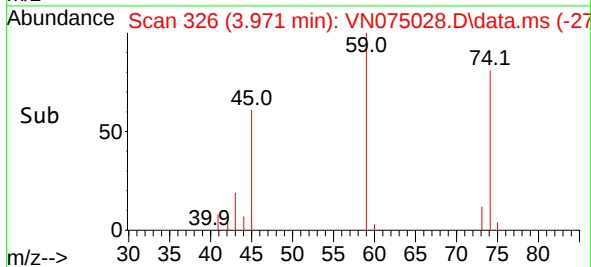
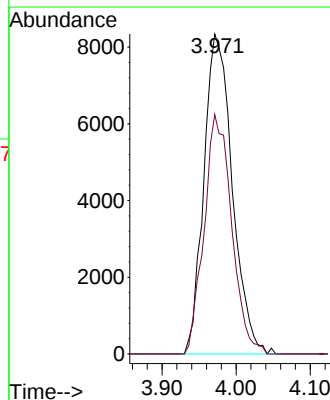
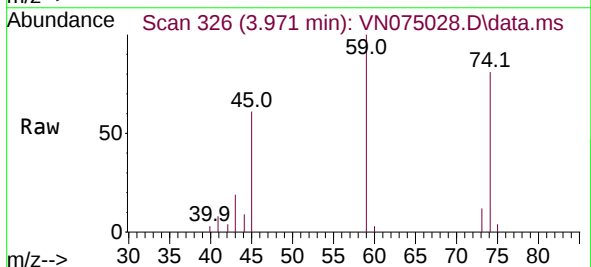
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#8
Diethyl Ether
Concen: 23.056 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion: 74 Resp: 22260
Ion Ratio Lower Upper
74 100
45 72.4 39.3 117.9





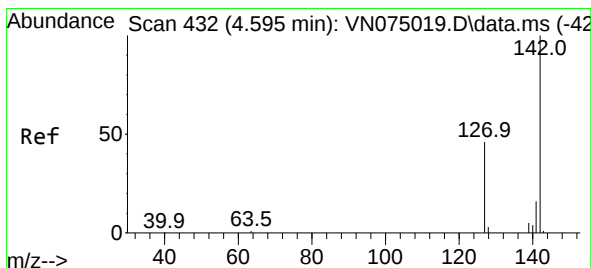
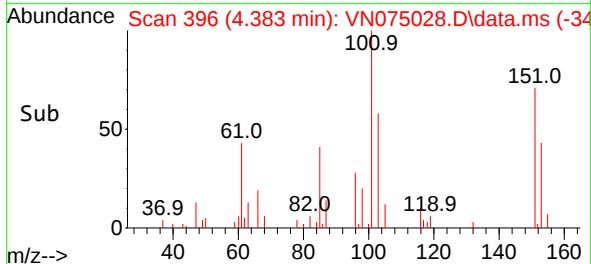
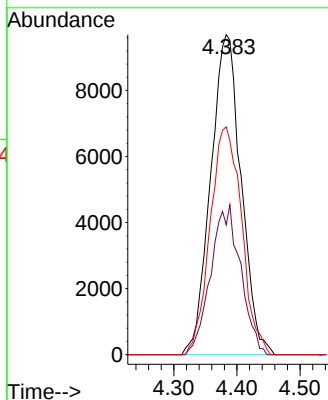
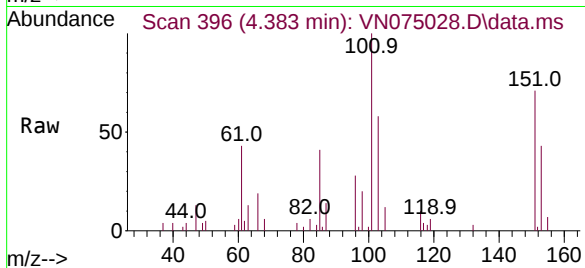
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.189 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion:101 Resp: 32436
Ion Ratio Lower Upper
101 100
85 45.9 37.6 56.4
151 73.6 58.3 87.5

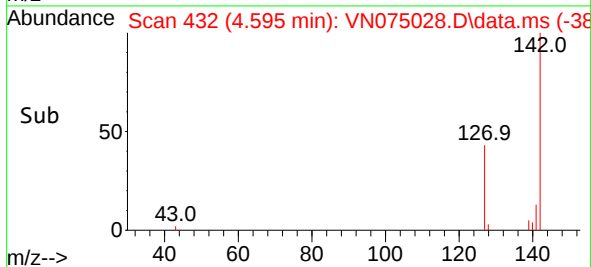
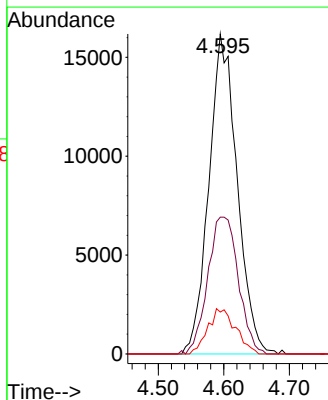
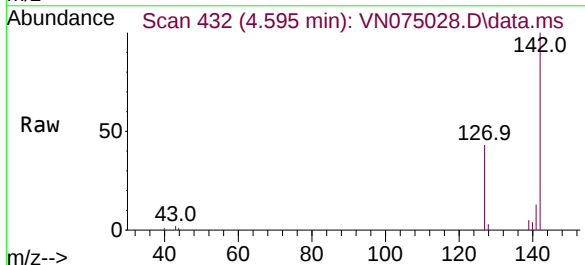
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 22.242 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion:142 Resp: 48404
Ion Ratio Lower Upper
142 100
127 46.4 38.0 57.0
141 13.9 12.2 18.4





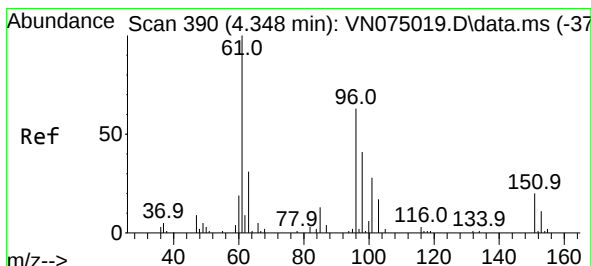
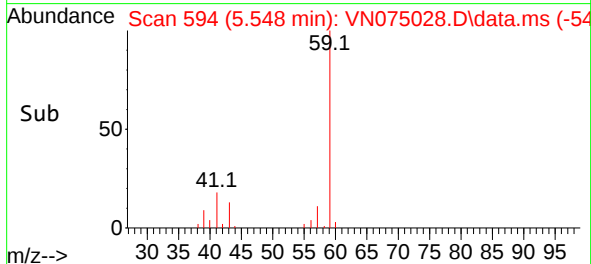
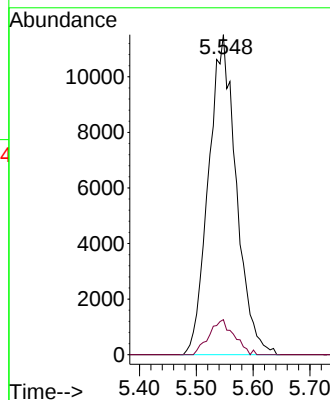
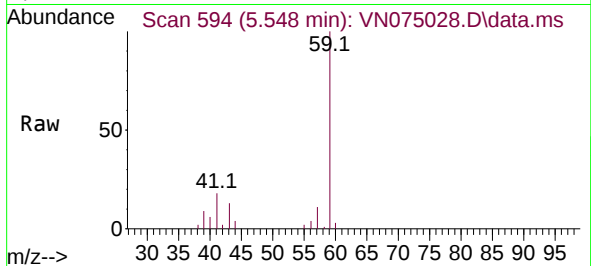
#11
Tert butyl alcohol
Concen: 94.433 ug/l
RT: 5.548 min Scan# 593
Delta R.T. 0.006 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion: 59 Resp: 39004
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7

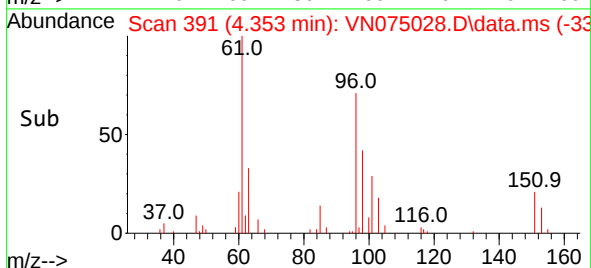
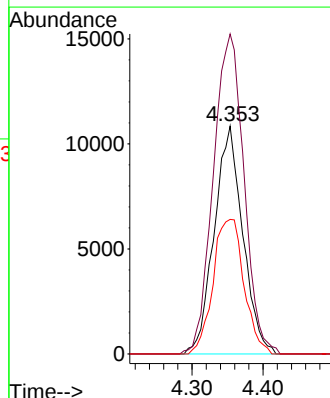
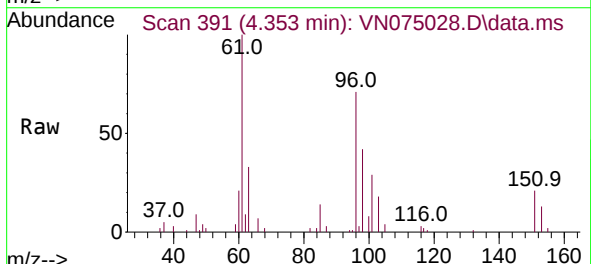
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 21.730 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.005 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion: 96 Resp: 30279
Ion Ratio Lower Upper
96 100
61 140.5 126.2 189.4
98 59.1 51.5 77.3





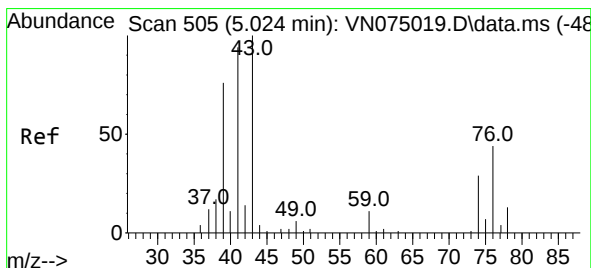
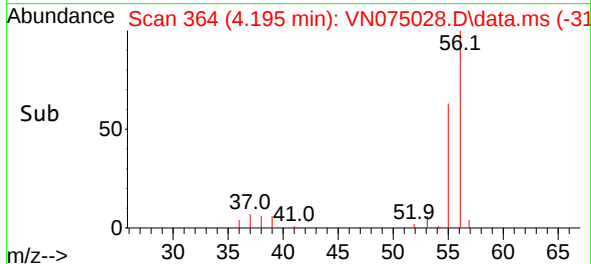
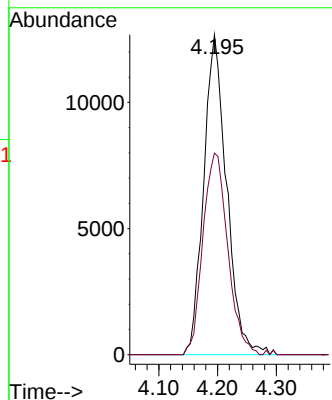
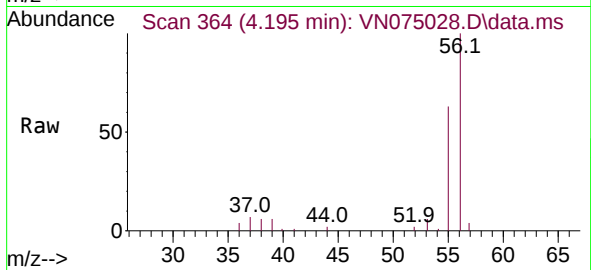
#13
Acrolein
Concen: 101.912 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01

Tgt Ion: 56 Resp: 34430
Ion Ratio Lower Upper
56 100
55 68.2 55.2 82.8

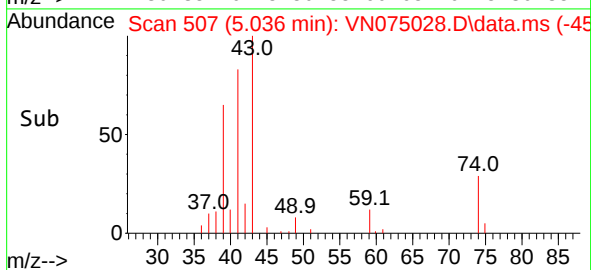
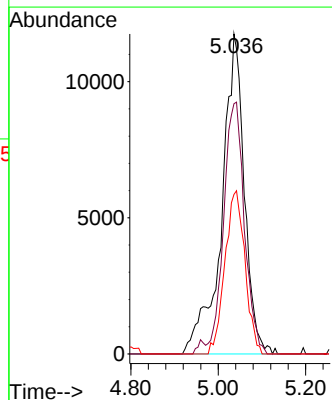
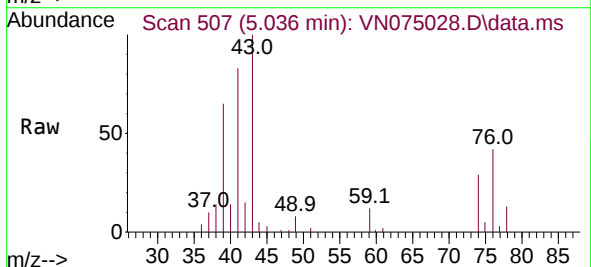
Manual Integrations
APPROVED

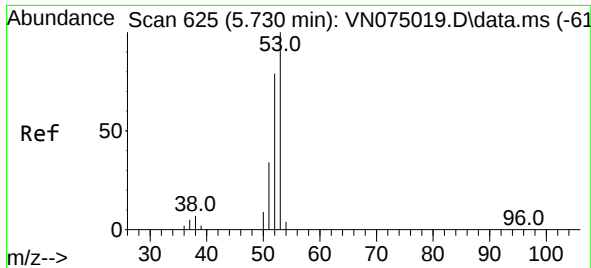
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Allyl chloride
Concen: 20.823 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

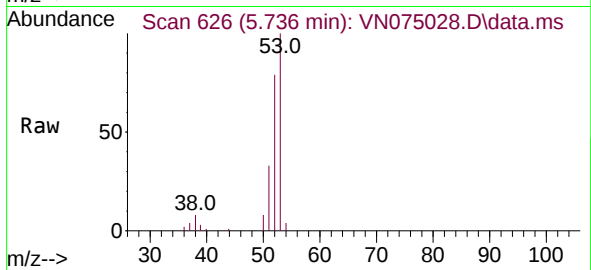
Tgt Ion: 41 Resp: 42376
Ion Ratio Lower Upper
41 100
39 71.8 61.0 91.4
76 45.0 33.4 50.0





#15
Acrylonitrile
Concen: 106.154 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

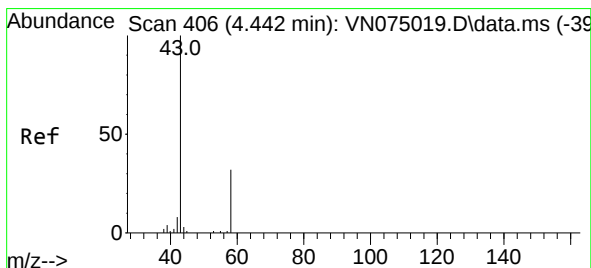
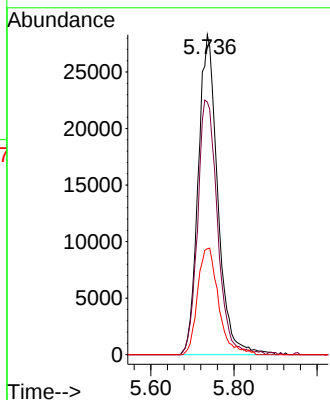
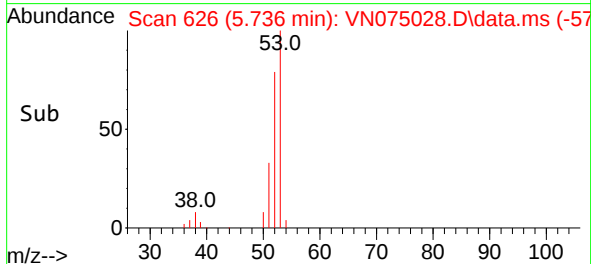
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01



Tgt Ion: 53 Resp: 92620
Ion Ratio Lower Upper
53 100
52 80.9 66.4 99.6
51 35.7 29.6 44.4

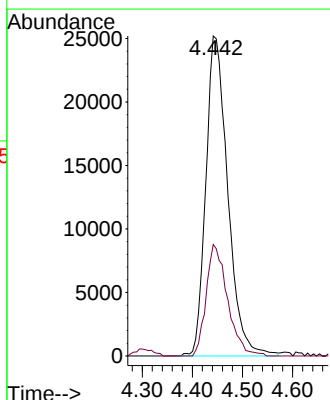
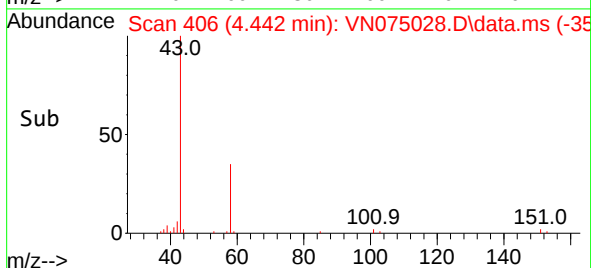
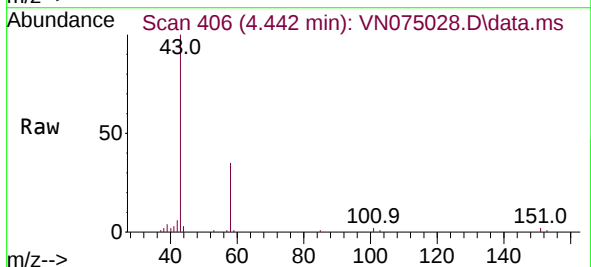
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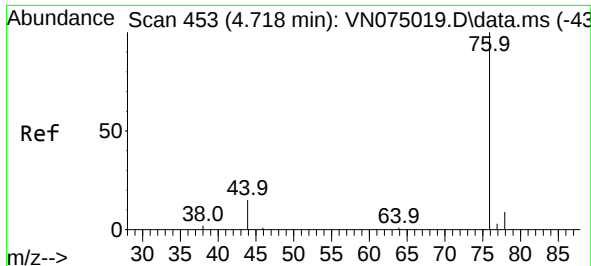
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 102.184 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

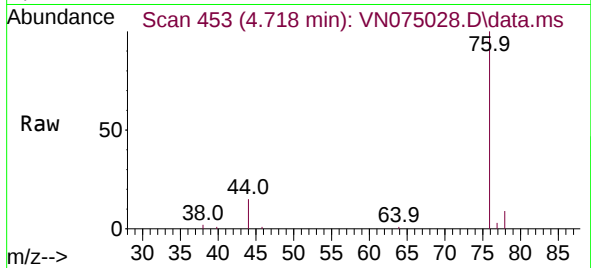
Tgt Ion: 43 Resp: 76632
Ion Ratio Lower Upper
43 100
58 34.8 25.5 38.3





#17
Carbon Disulfide
Concen: 20.167 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

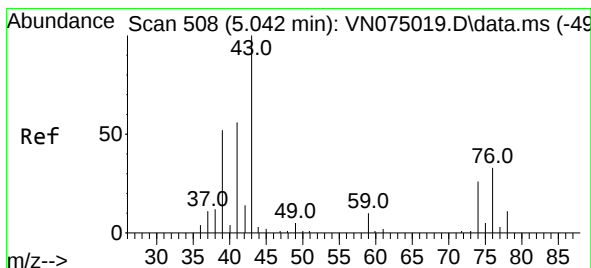
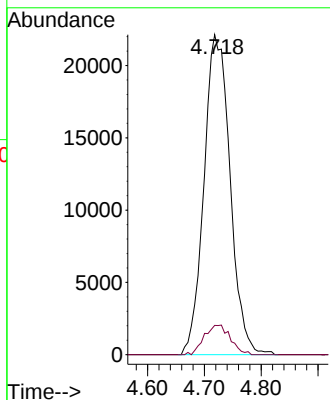
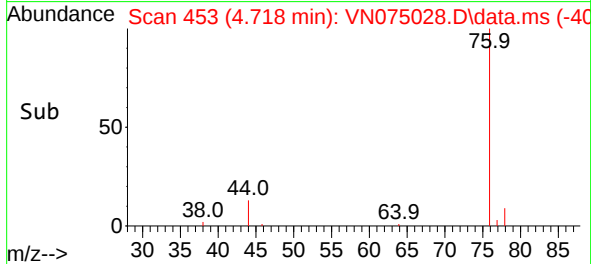
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



Tgt Ion: 76 Resp: 7066
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

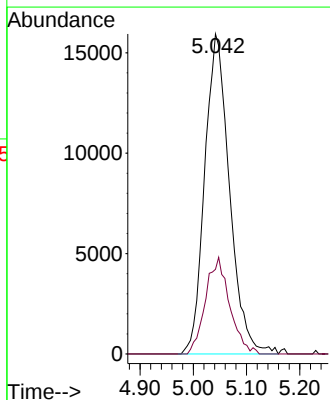
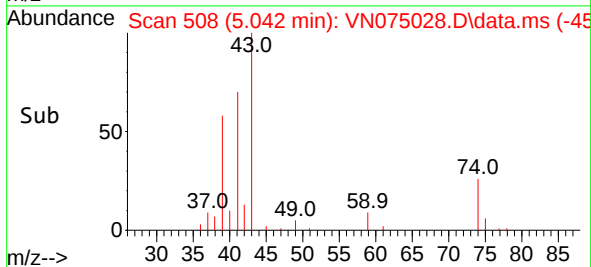
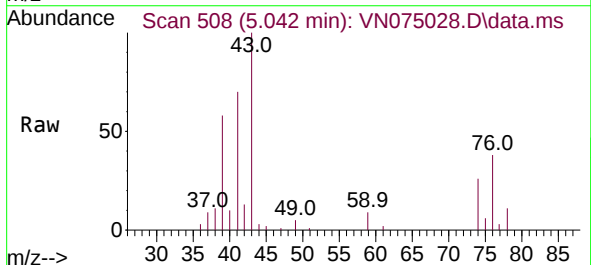
Manual Integrations
APPROVED

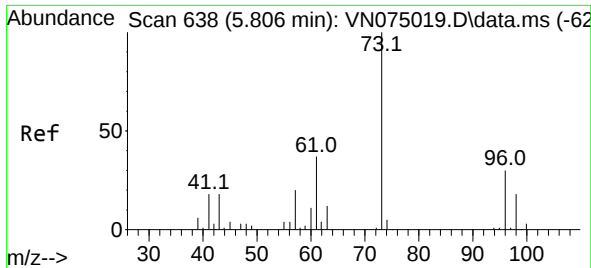
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
Methyl Acetate
Concen: 21.074 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion: 43 Resp: 51625
Ion Ratio Lower Upper
43 100
74 29.3 22.0 33.0





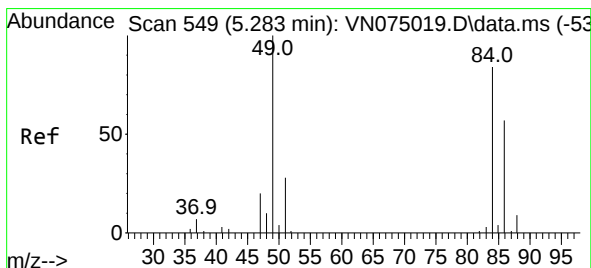
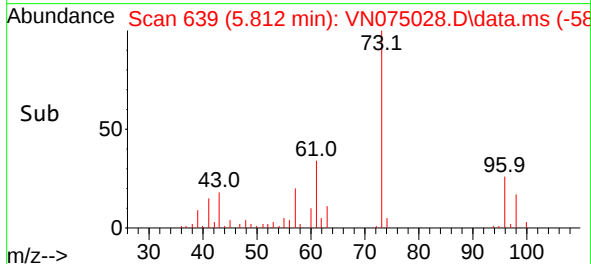
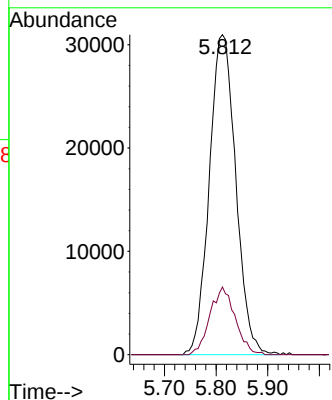
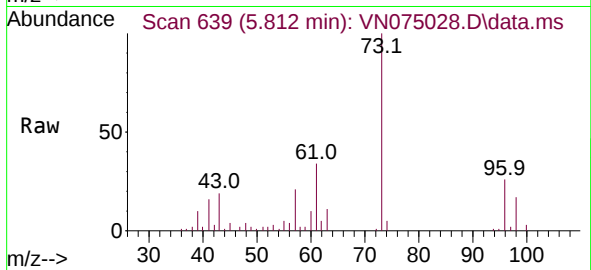
#19
Methyl tert-butyl Ether
Concen: 21.309 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
Client Sample Id :
VN1026MBS01

Tgt Ion: 73 Resp: 110350
Ion Ratio Lower Upper
73 100
57 21.2 16.3 24.5

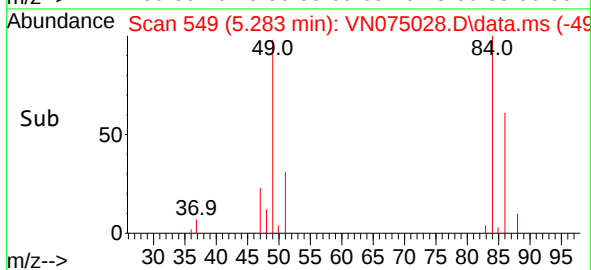
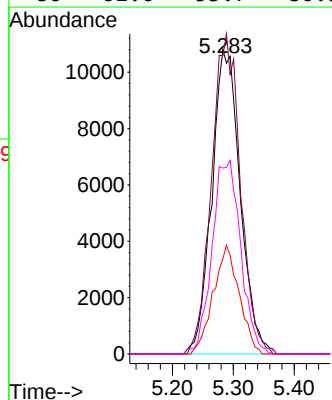
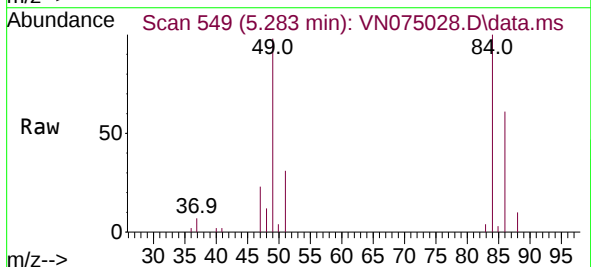
Manual Integrations
APPROVED

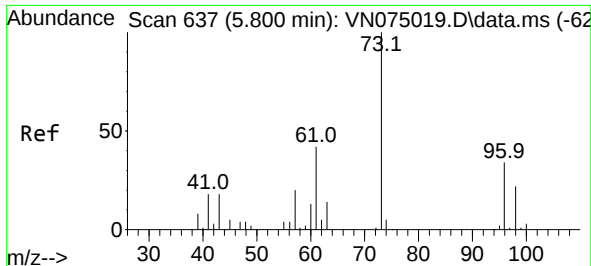
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 20.953 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion: 84 Resp: 35036
Ion Ratio Lower Upper
84 100
49 97.9 94.9 142.3
51 31.3 26.8 40.2
86 61.0 53.7 80.5





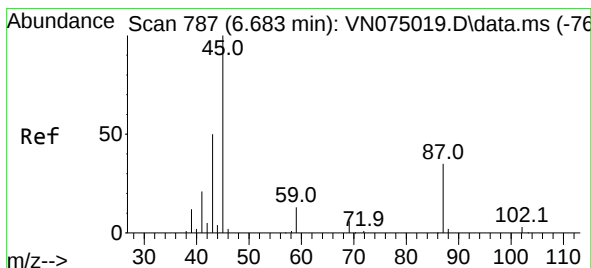
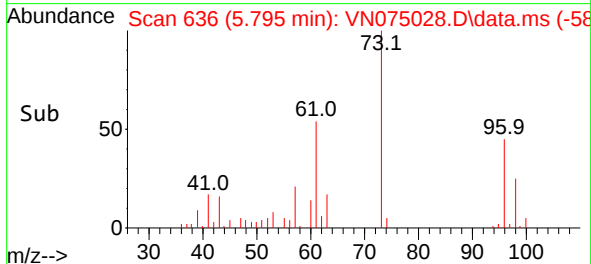
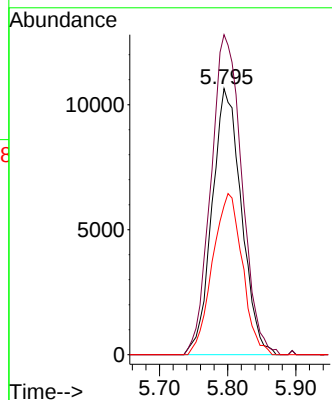
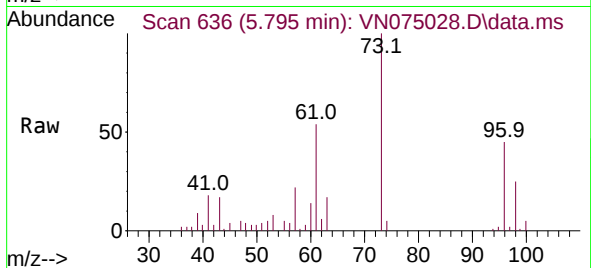
#21
trans-1,2-Dichloroethene
Concen: 20.914 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01

Tgt Ion: 96 Resp: 31908
Ion Ratio Lower Upper
96 100
61 120.3 99.9 149.9
98 55.9 51.5 77.3

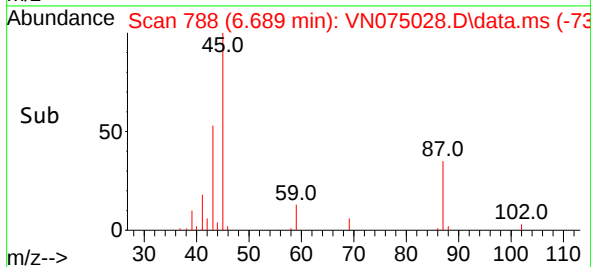
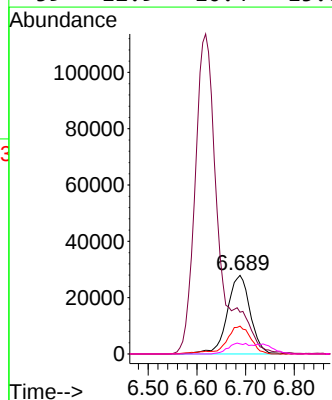
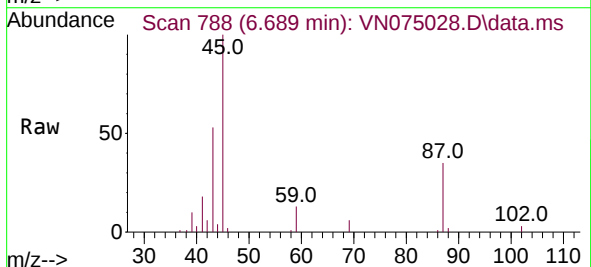
Manual Integrations
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Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 20.309 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion: 45 Resp: 91210
Ion Ratio Lower Upper
45 100
43 50.6 42.8 64.2
87 35.4 28.4 42.6
59 12.9 10.4 15.6





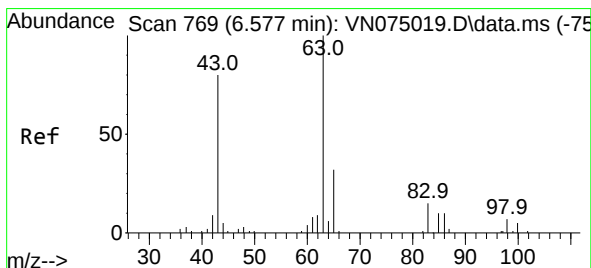
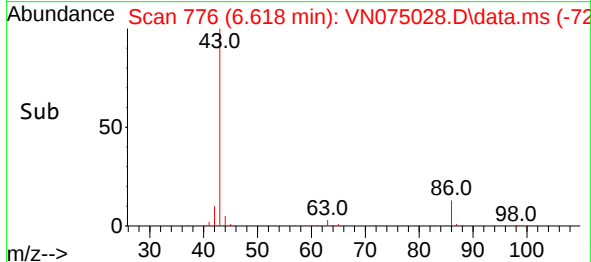
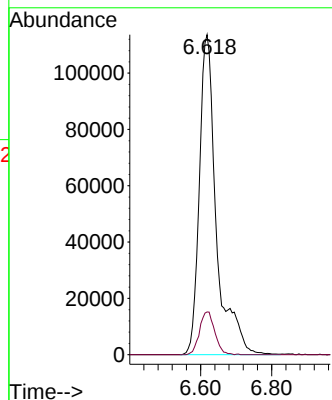
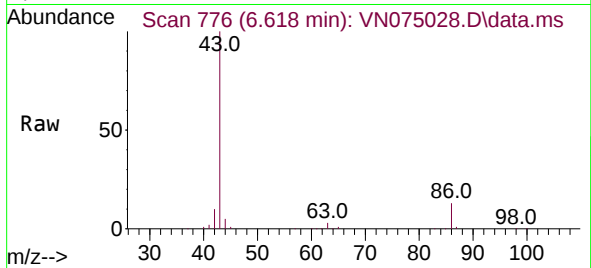
#23
 Vinyl Acetate
 Concen: 101.205 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075028.D
 Acq: 26 Oct 2022 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBSD01

Tgt Ion: 43 Resp: 379540
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1

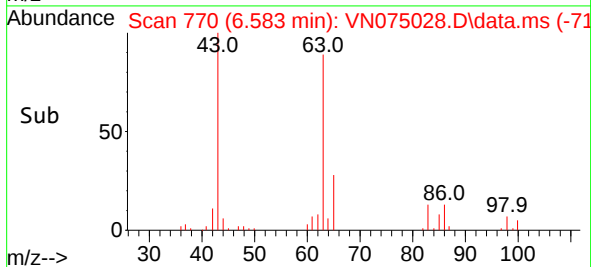
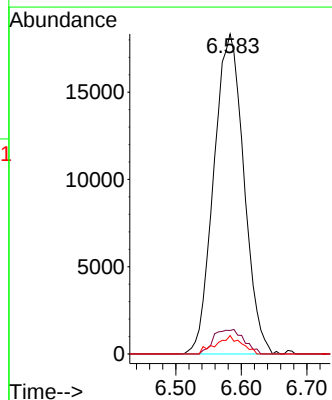
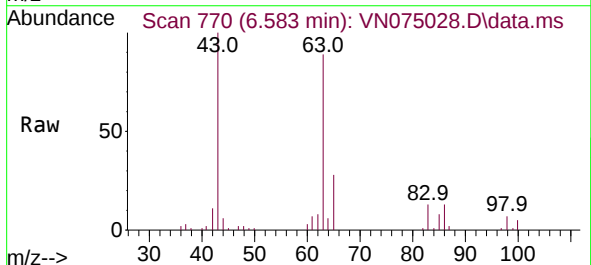
Manual Integrations
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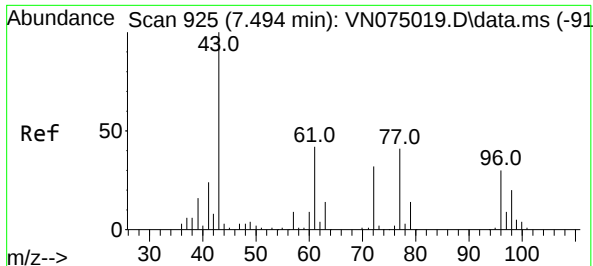
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 20.551 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075028.D
 Acq: 26 Oct 2022 18:05

Tgt Ion: 63 Resp: 58373
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.8 2.4 7.2





#25

2-Butanone

Concen: 100.152 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 43 Resp: 118138

Ion Ratio Lower Upper

43 100

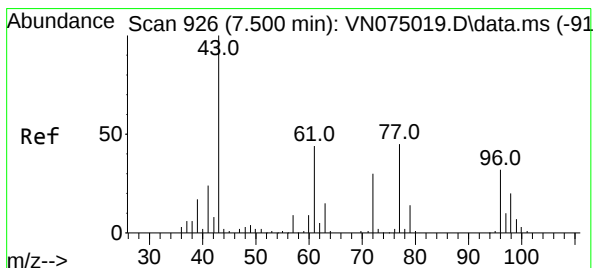
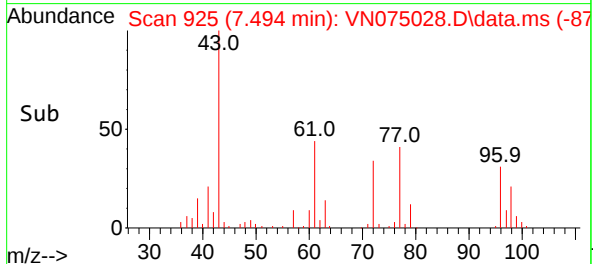
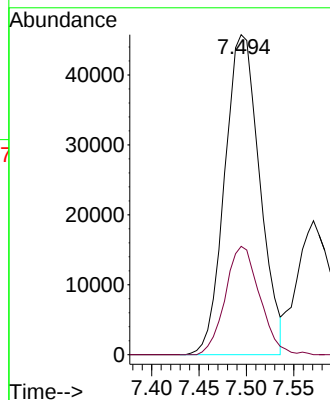
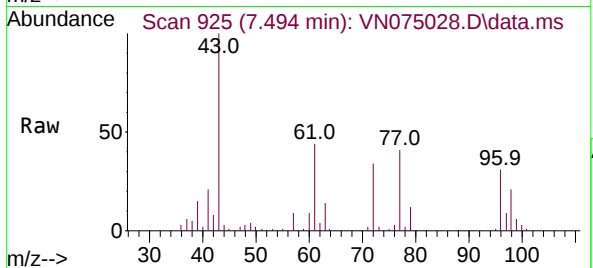
72 33.8 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#26

2,2-Dichloropropane

Concen: 20.769 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075028.D

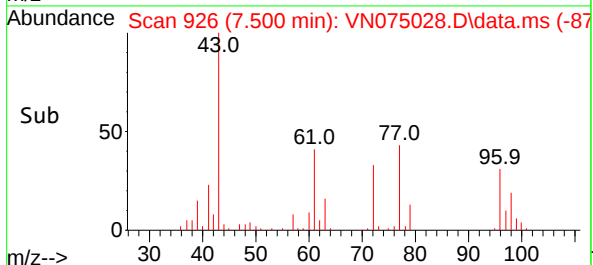
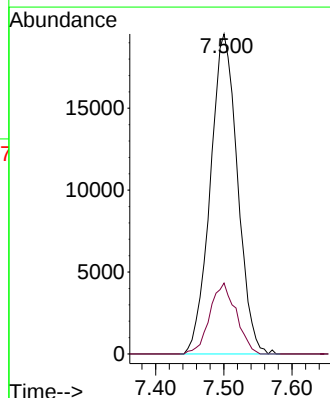
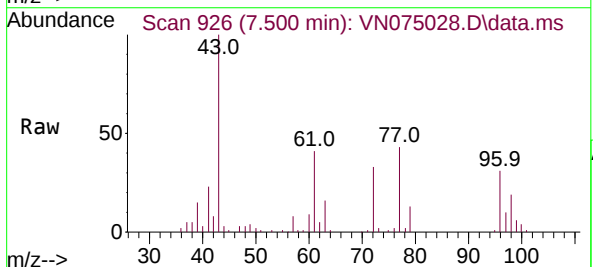
Acq: 26 Oct 2022 18:05

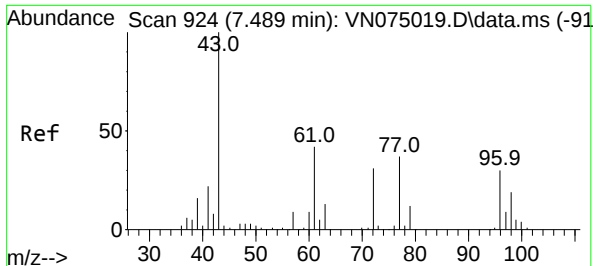
Tgt Ion: 77 Resp: 54271

Ion Ratio Lower Upper

77 100

97 21.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 21.066 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 96 Resp: 3838

Ion Ratio Lower Upper

96 100

61 136.3 0.0 278.8

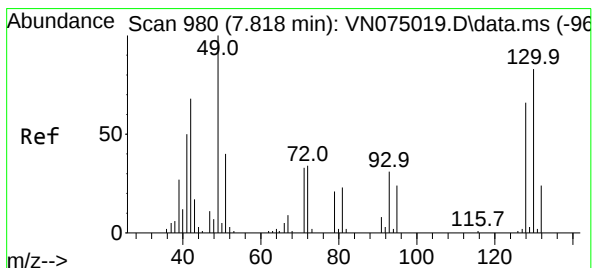
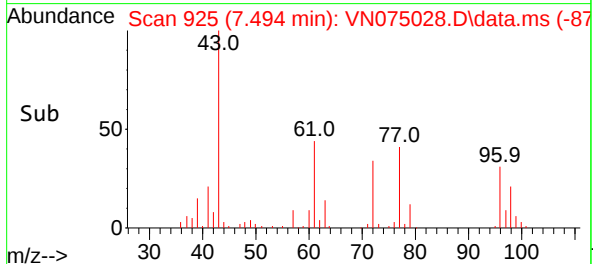
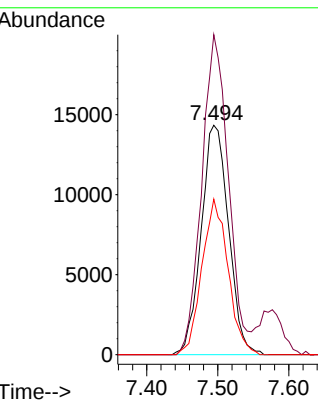
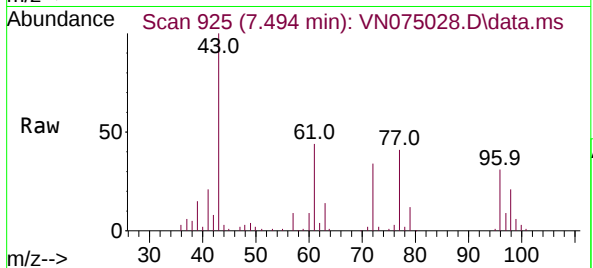
98 64.7 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#28

Bromochloromethane

Concen: 19.820 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

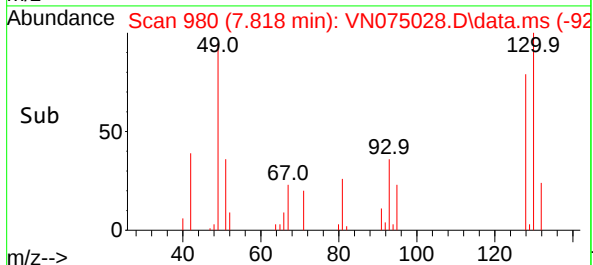
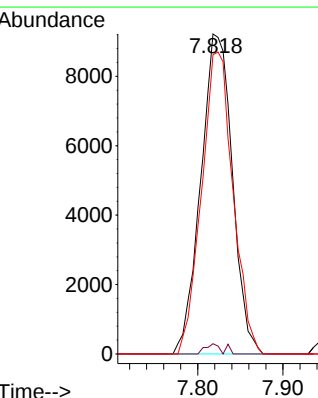
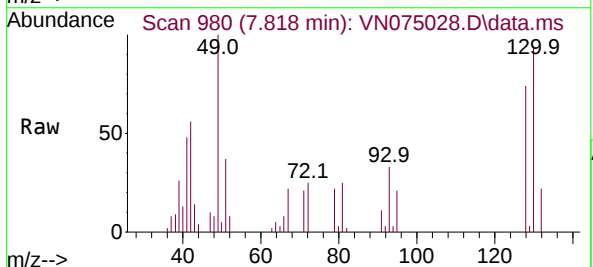
Tgt Ion: 49 Resp: 23732

Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.6

130 93.7 66.2 99.4





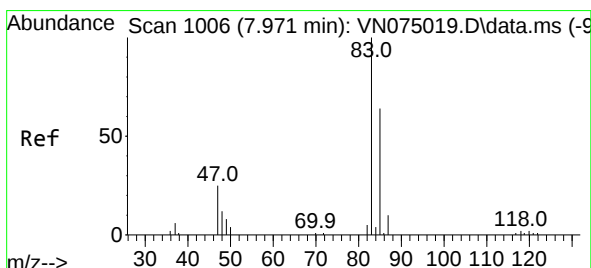
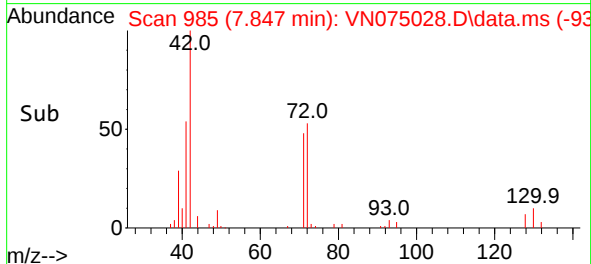
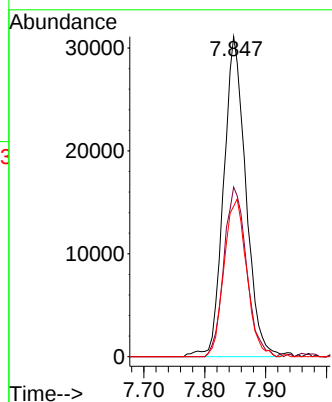
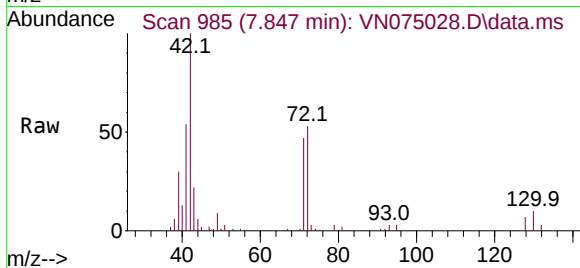
#29
Tetrahydrofuran
Concen: 103.308 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01

Tgt Ion: 42 Resp: 78745
Ion Ratio Lower Upper
42 100
72 53.8 43.0 64.6
71 50.3 39.9 59.9

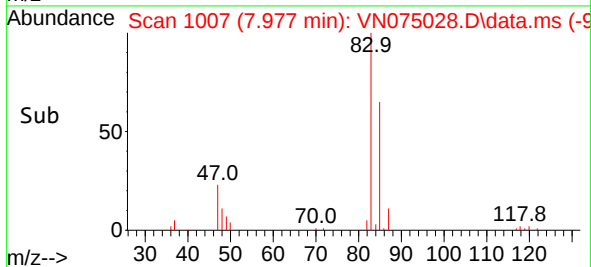
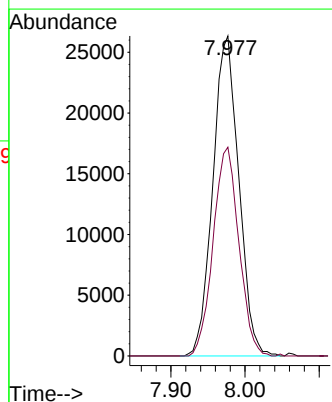
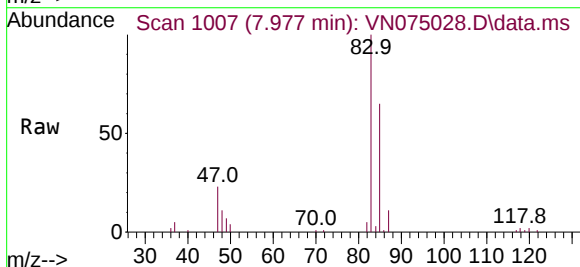
Manual Integrations
APPROVED

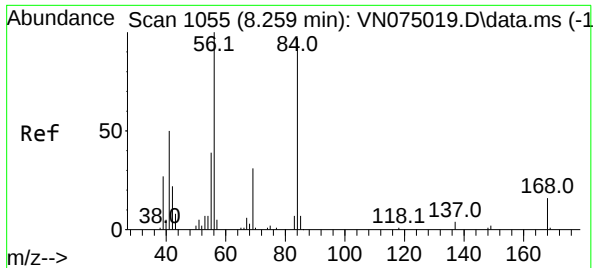
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#30
Chloroform
Concen: 20.754 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

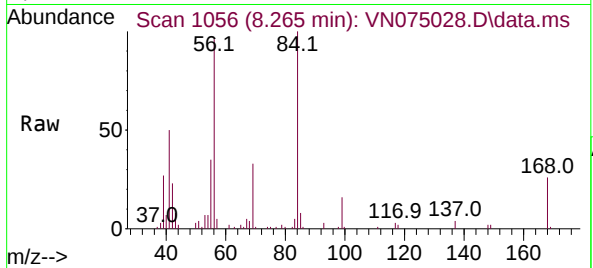
Tgt Ion: 83 Resp: 64004
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0





#31
Cyclohexane
Concen: 19.789 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

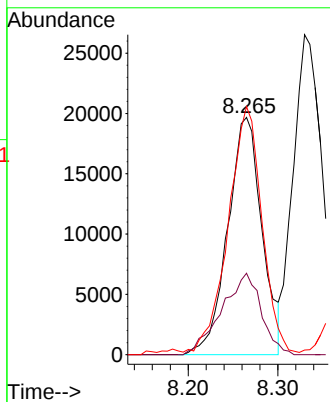
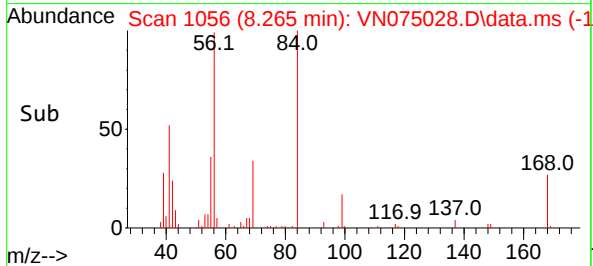
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01



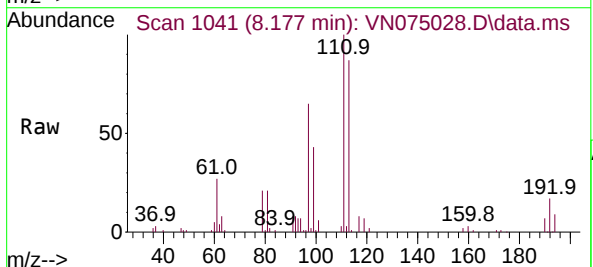
Tgt Ion: 56 Resp: 52129
Ion Ratio Lower Upper
56 100
69 34.3 25.2 37.8
84 102.9 77.8 116.8

Manual Integrations
APPROVED

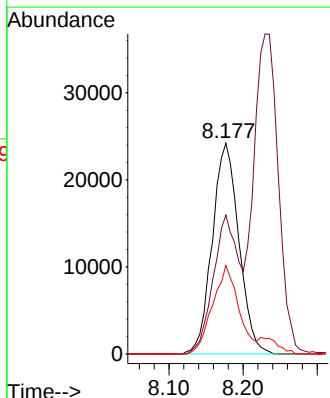
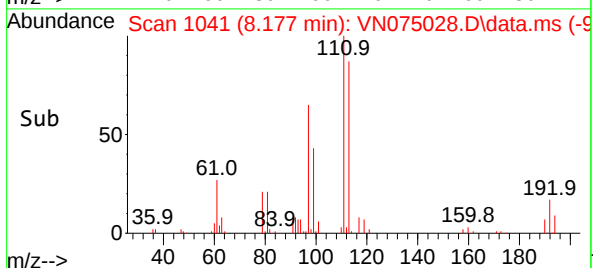
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

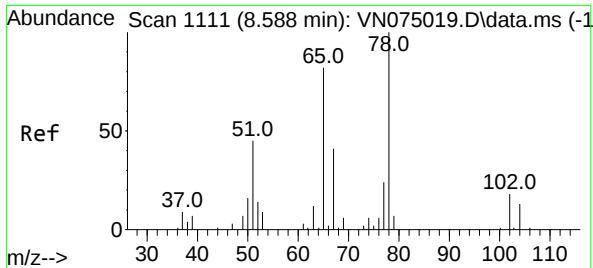


#32
1,1,1-Trichloroethane
Concen: 21.553 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05



Tgt Ion: 97 Resp: 60359
Ion Ratio Lower Upper
97 100
99 63.5 50.2 75.2
61 41.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 54.120 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 65 Resp: 95854

Ion Ratio Lower Upper

65 100

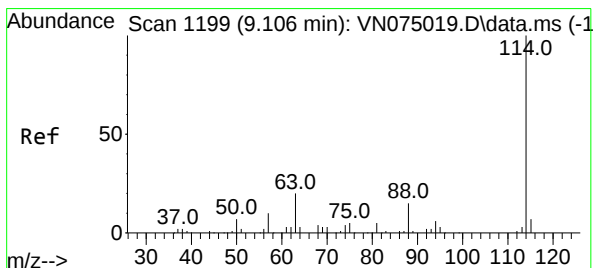
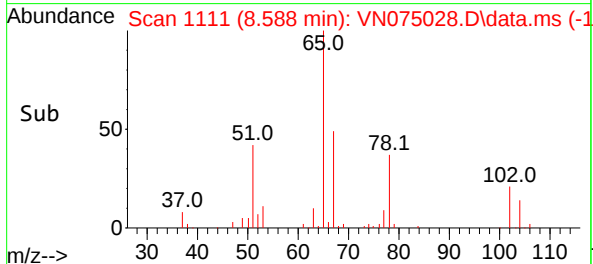
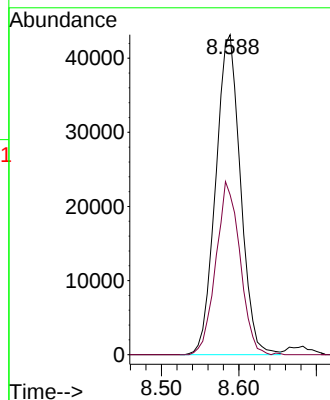
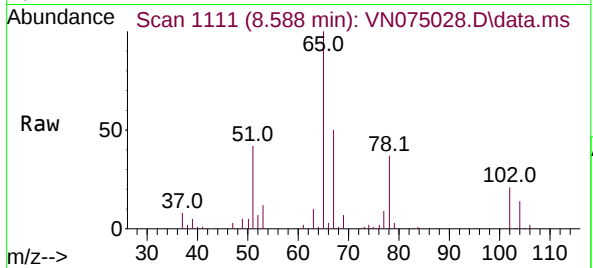
67 52.6 0.0 102.0

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: VN075028.D

Acq: 26 Oct 2022 18:05

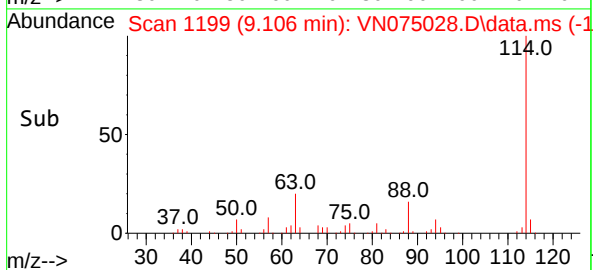
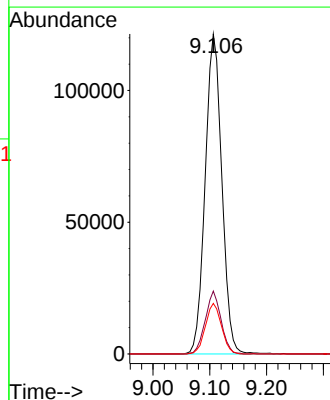
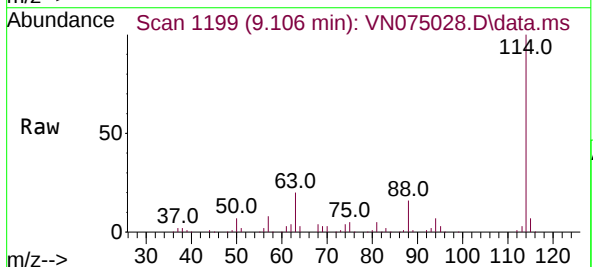
Tgt Ion:114 Resp: 246704

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

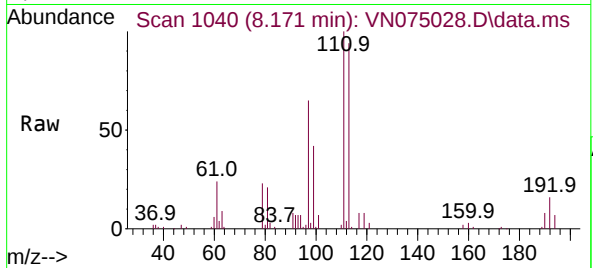
88 15.8 0.0 29.0





#35
Dibromofluoromethane
Concen: 55.518 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

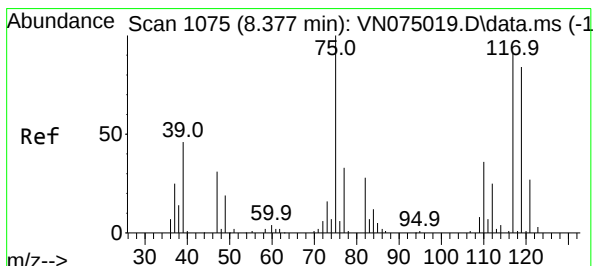
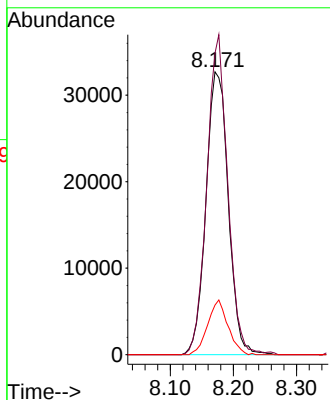
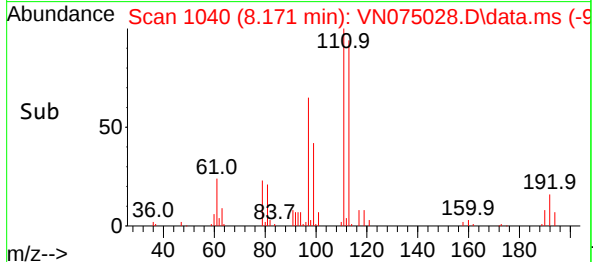
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01



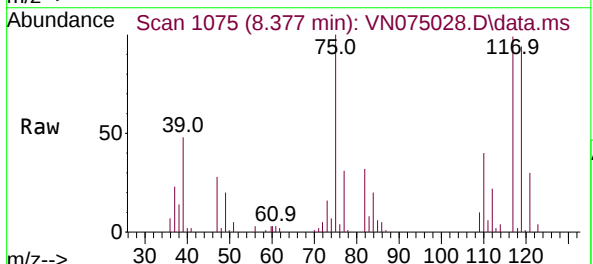
Tgt Ion:113 Resp: 8040
Ion Ratio Lower Upper
113 100
111 105.6 80.5 120.7
192 17.6 13.2 19.8

Manual Integrations
APPROVED

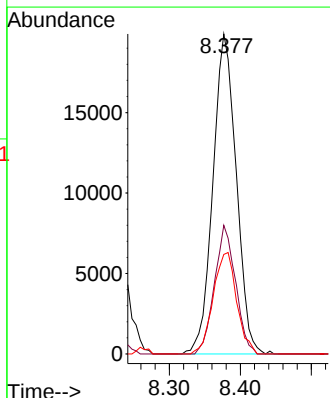
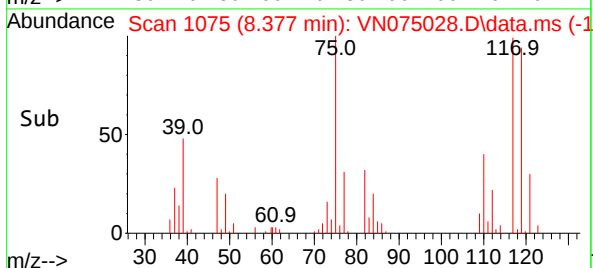
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
1,1-Dichloropropene
Concen: 20.225 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05



Tgt Ion: 75 Resp: 45349
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.3
77 31.9 24.6 37.0





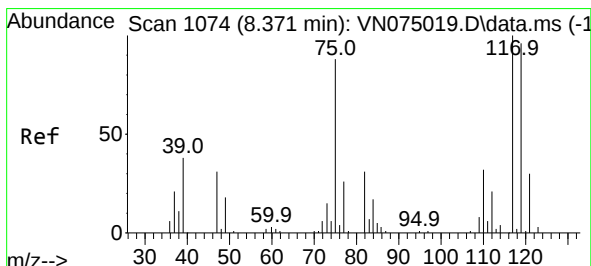
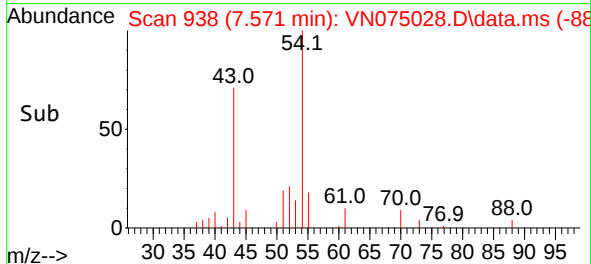
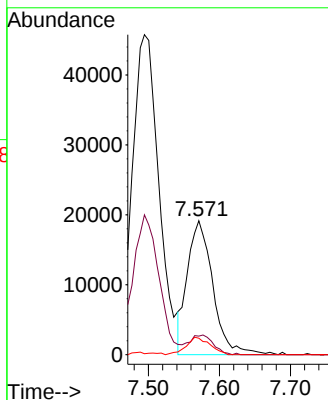
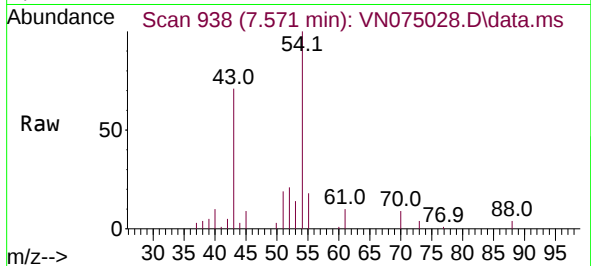
#37
Ethyl Acetate
Concen: 19.499 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion: 43 Resp: 4794
Ion Ratio Lower Upper
43 100
61 13.9 12.2 18.4
70 12.0 9.4 14.2

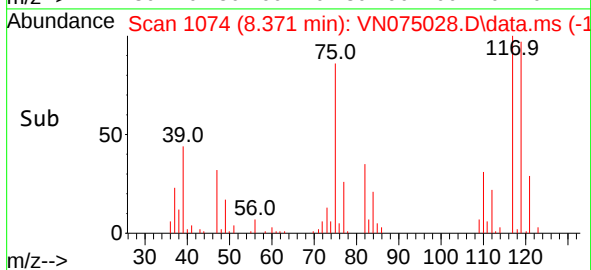
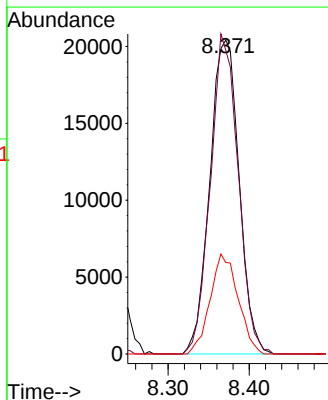
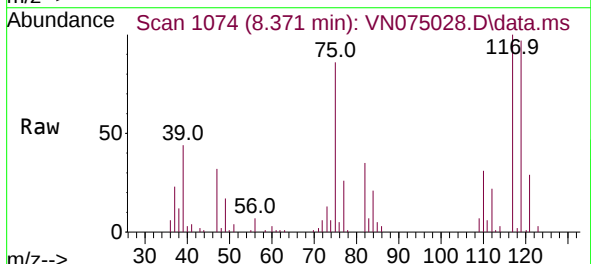
Manual Integrations
APPROVED

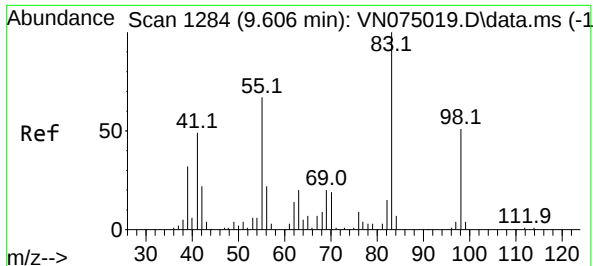
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Carbon Tetrachloride
Concen: 20.818 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion:117 Resp: 51346
Ion Ratio Lower Upper
117 100
119 96.9 76.7 115.1
121 29.2 23.9 35.9





#39

Methylcyclohexane

Concen: 20.265 ug/l

RT: 9.600 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

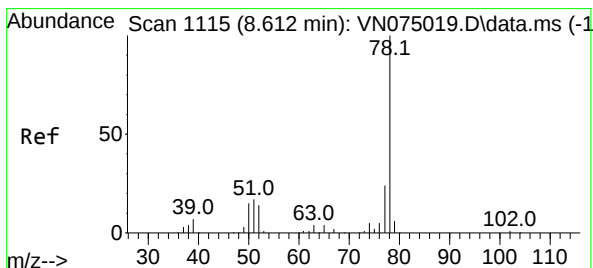
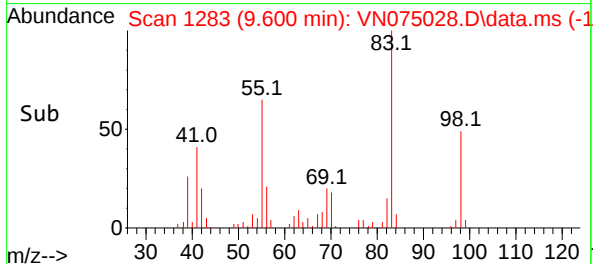
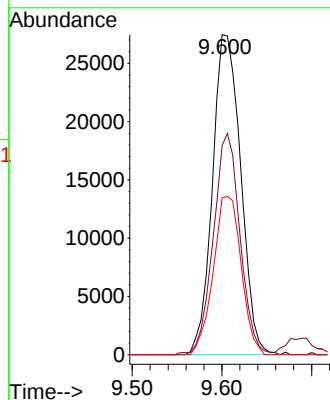
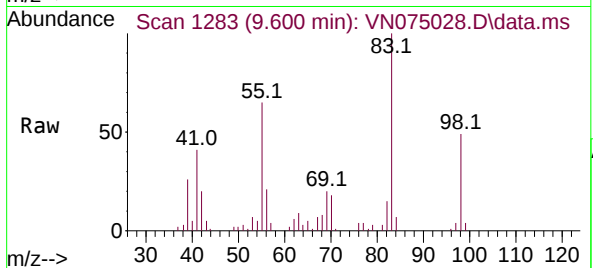
Tgt Ion: 83 Resp: 59980
 Ion Ratio Lower Upper
 83 100
 55 64.8 53.6 80.4
 98 49.0 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 20.187 ug/l

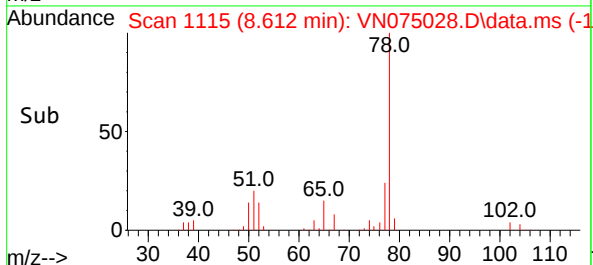
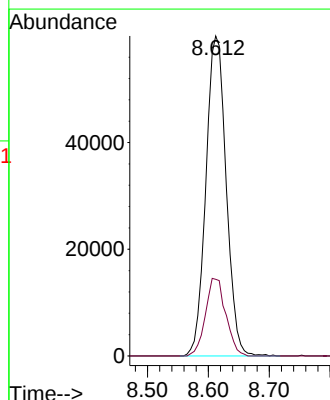
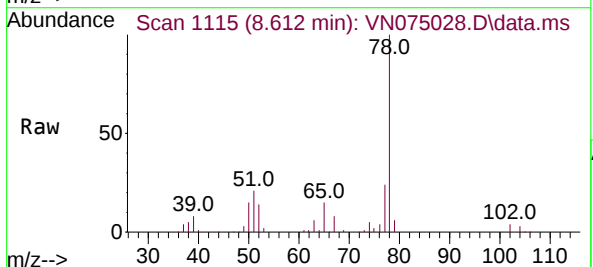
RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

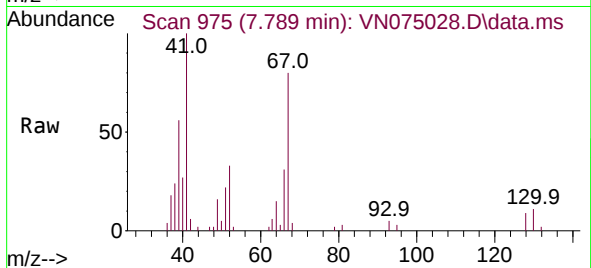
Tgt Ion: 78 Resp: 138590
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.4 29.0





#41
Methacrylonitrile
Concen: 21.131 ug/l
RT: 7.789 min Scan# 912
Delta R.T. 0.001 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

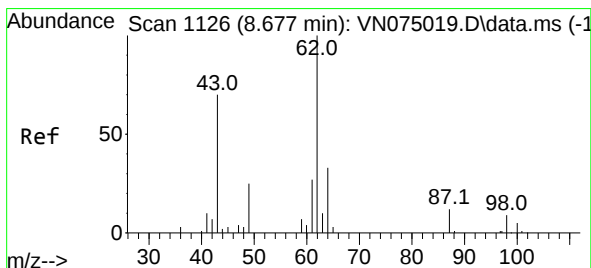
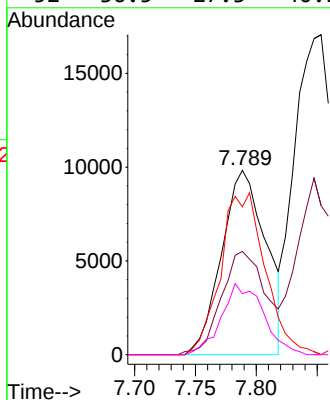
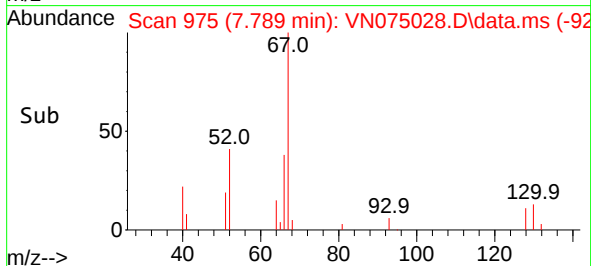
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01



Tgt Ion:	41	Resp:	24894
Ion Ratio	100	Lower	Upper
39	56.1	44.4	66.6
67	88.3	69.8	104.6
52	36.5	27.3	40.9

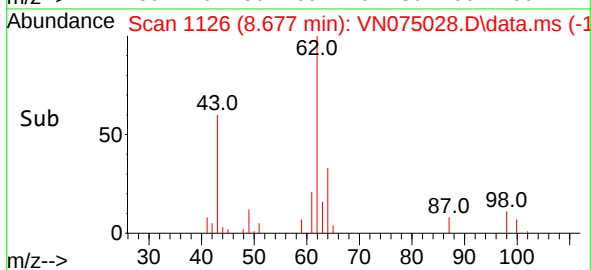
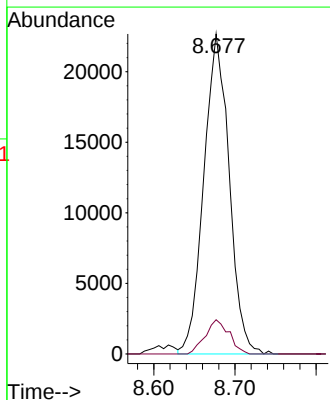
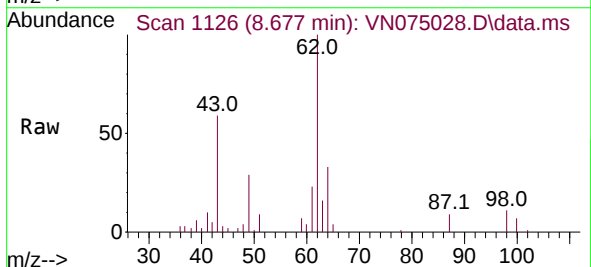
Manual Integrations
APPROVED

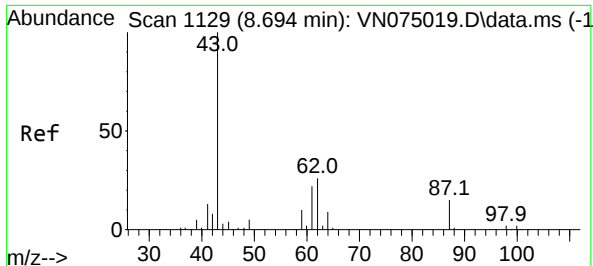
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 19.720 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion:	62	Resp:	49255
Ion Ratio	100	Lower	Upper
98	10.0	0.0	18.2





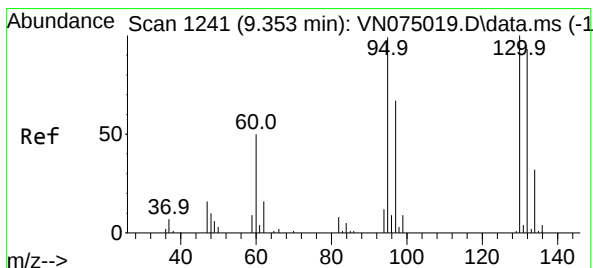
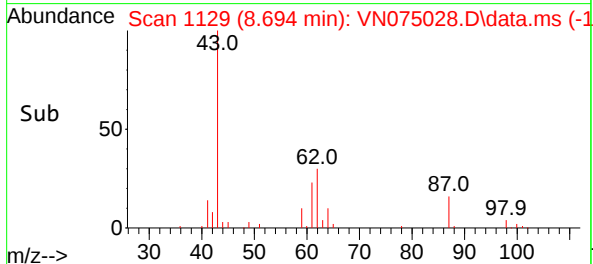
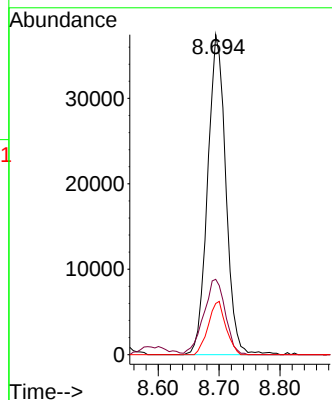
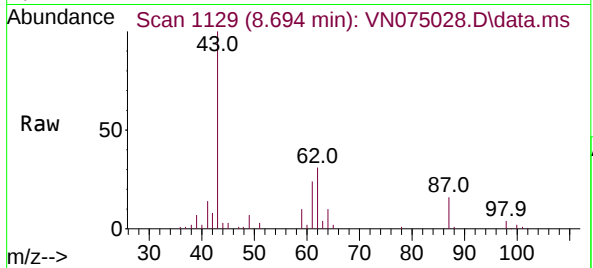
#43
Isopropyl Acetate
Concen: 20.347 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01

Tgt Ion: 43 Resp: 77600
Ion Ratio Lower Upper
43 100
61 27.9 22.4 33.6
87 16.1 12.5 18.7

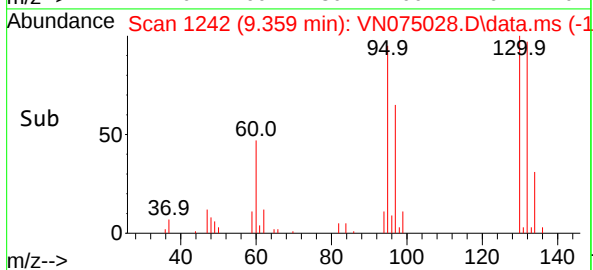
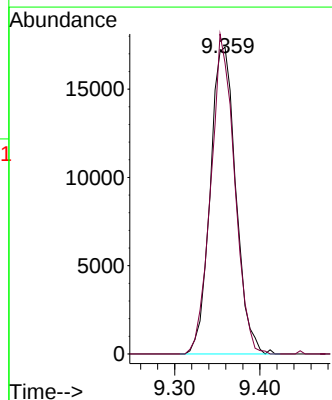
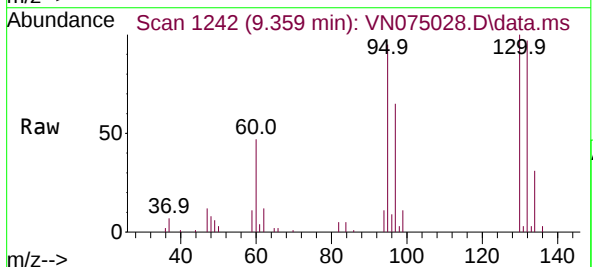
Manual Integrations
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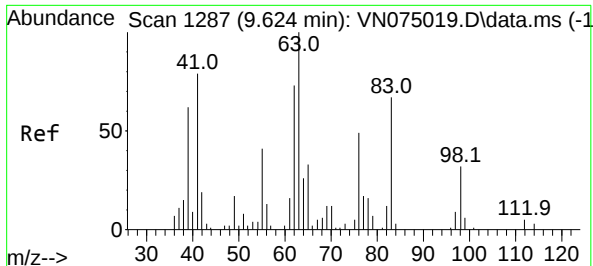
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
Trichloroethene
Concen: 21.021 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion:130 Resp: 36206
Ion Ratio Lower Upper
130 100
95 94.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.556 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 63 Resp: 3358

Ion Ratio Lower Upper

63 100

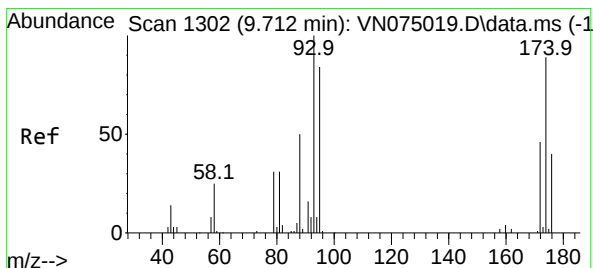
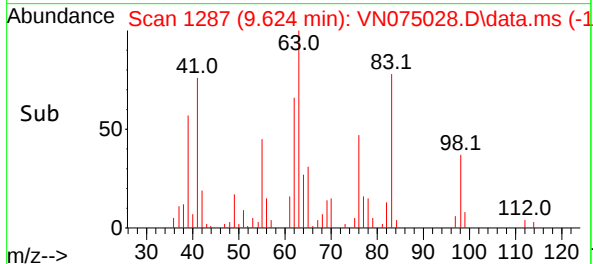
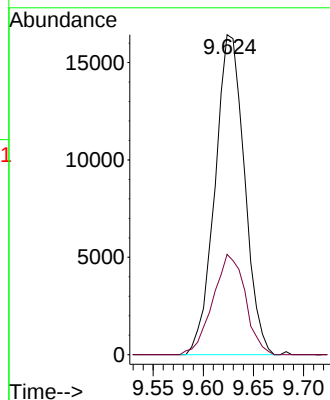
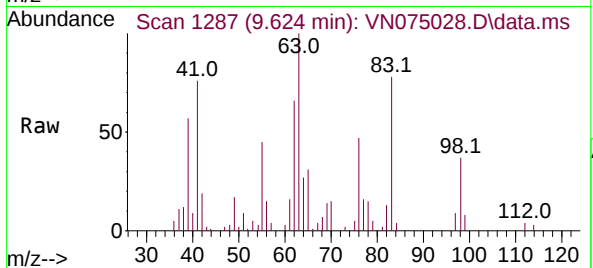
65 31.3 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 20.533 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

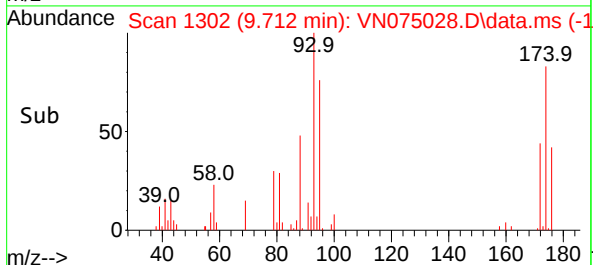
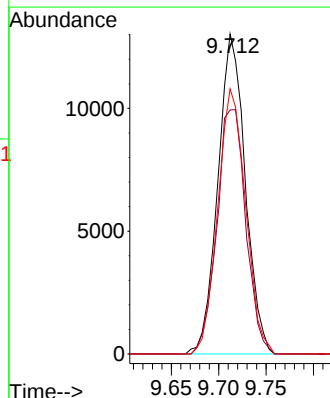
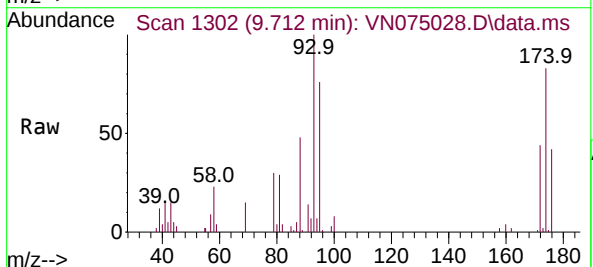
Tgt Ion: 93 Resp: 26136

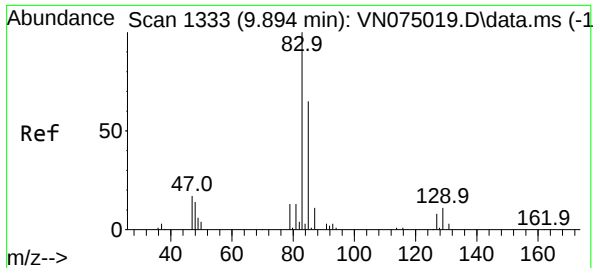
Ion Ratio Lower Upper

93 100

95 80.7 66.6 99.8

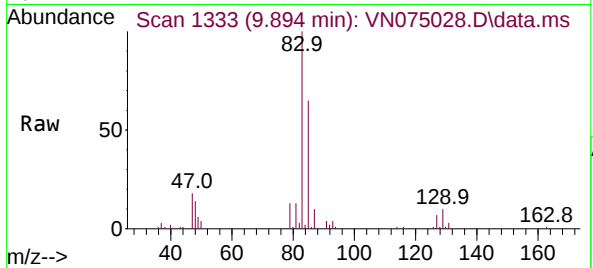
174 84.5 70.3 105.5





#47
Bromodichloromethane
Concen: 19.748 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

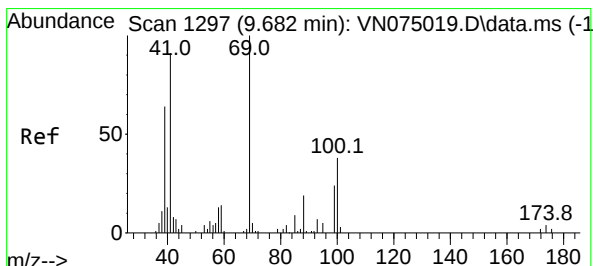
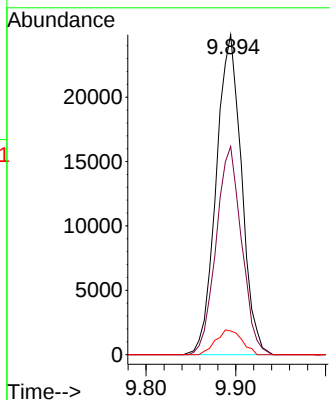
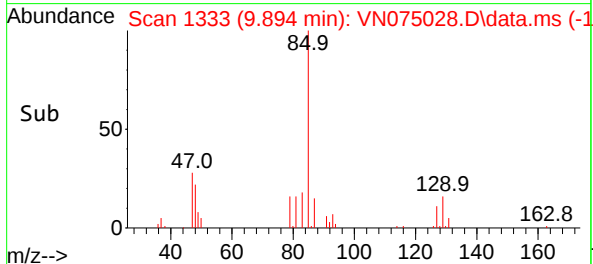
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01



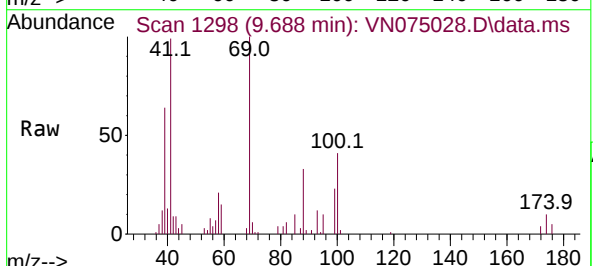
Tgt Ion: 83 Resp: 48678
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 7.4 6.6 10.0

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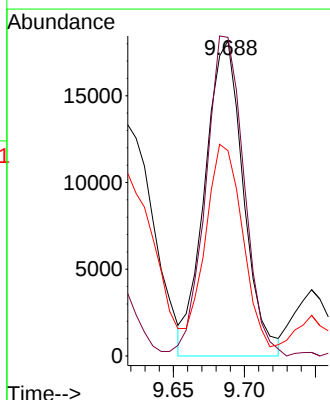
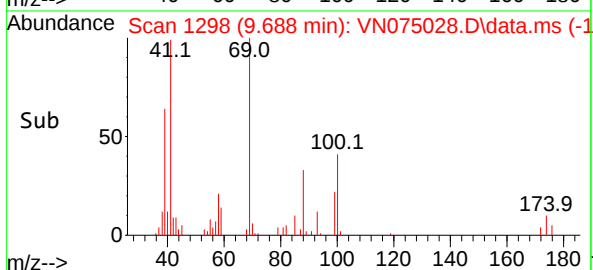
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

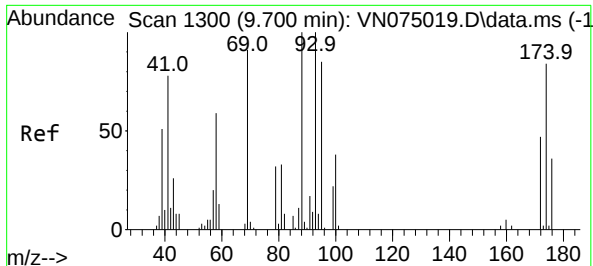


#48
Methyl methacrylate
Concen: 19.597 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05



Tgt Ion: 41 Resp: 34288
Ion Ratio Lower Upper
41 100
69 100.6 80.2 120.2
39 67.8 56.2 84.2





#49

1,4-Dioxane

Concen: 396.763 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 88 Resp: 18178

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

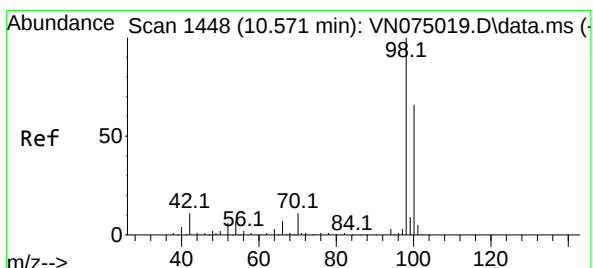
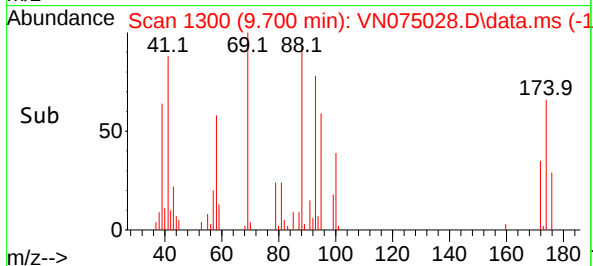
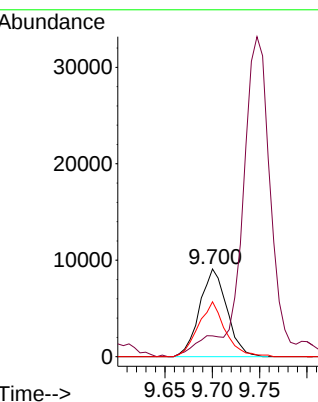
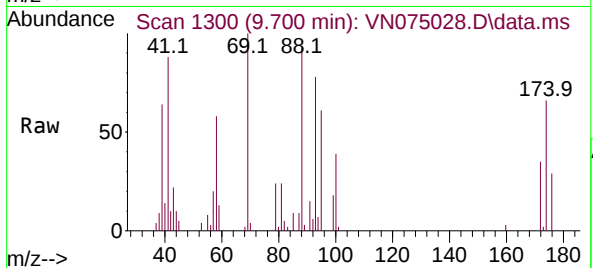
58 61.9 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 55.741 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075028.D

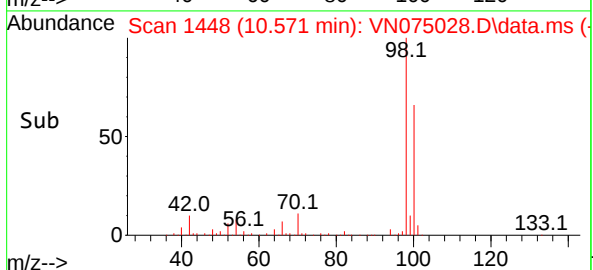
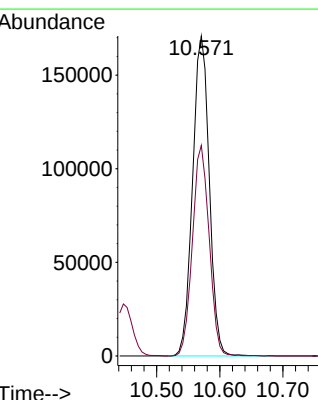
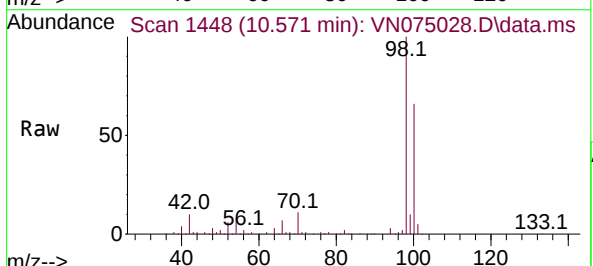
Acq: 26 Oct 2022 18:05

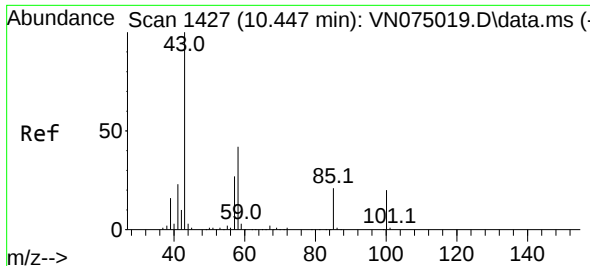
Tgt Ion: 98 Resp: 313204

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.6





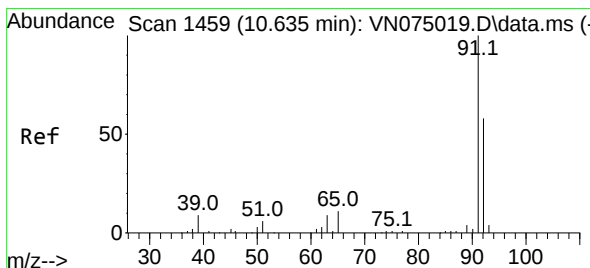
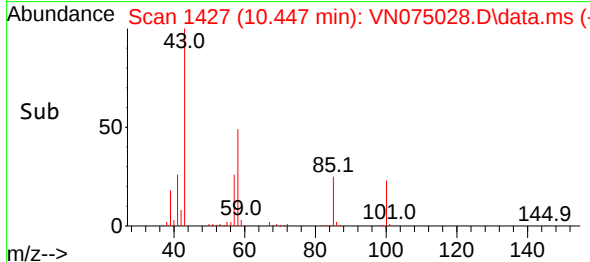
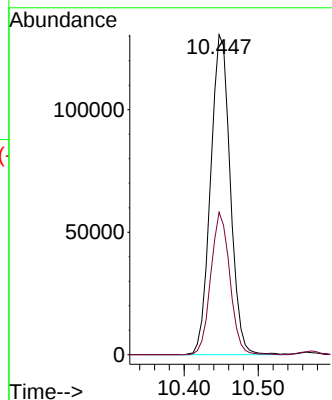
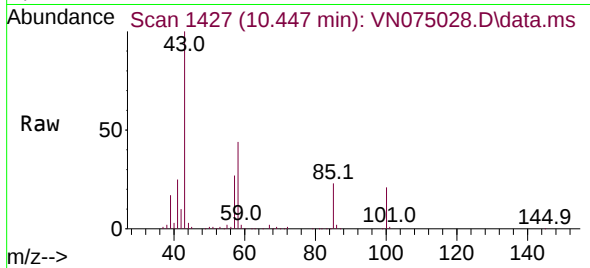
#51
4-Methyl-2-Pentanone
Concen: 97.950 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01

Tgt Ion: 43 Resp: 241085
Ion Ratio Lower Upper
43 100
58 43.1 33.6 50.4

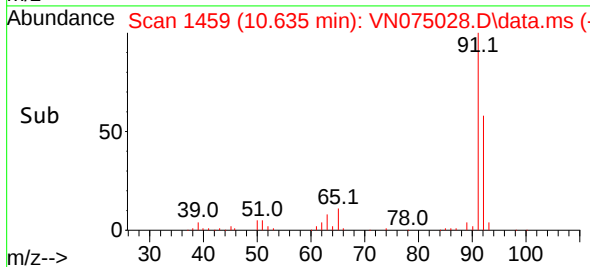
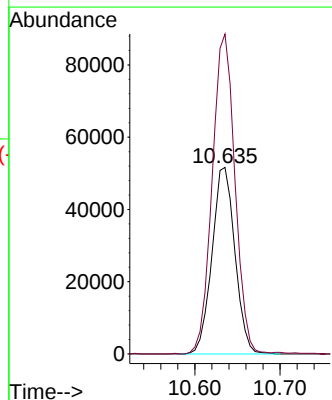
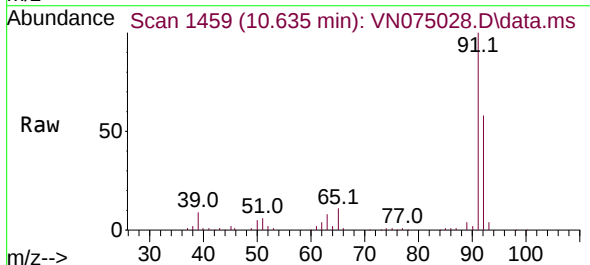
Manual Integrations
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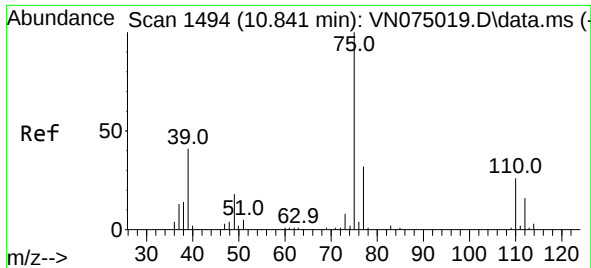
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 21.004 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion: 92 Resp: 96390
Ion Ratio Lower Upper
92 100
91 170.1 135.4 203.2





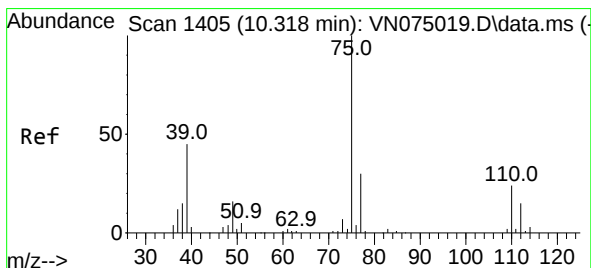
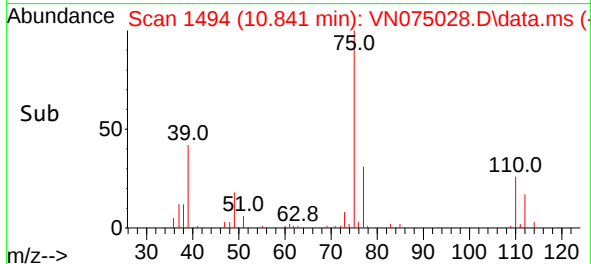
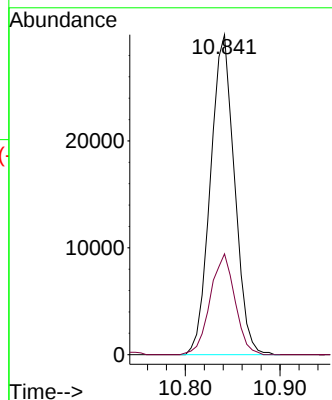
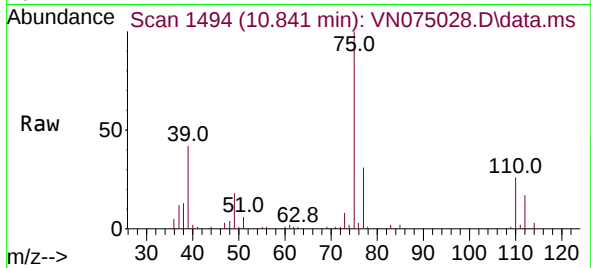
#53
t-1,3-Dichloropropene
Concen: 20.276 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion: 75 Resp: 5275
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

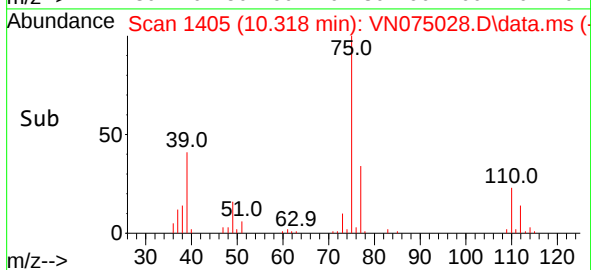
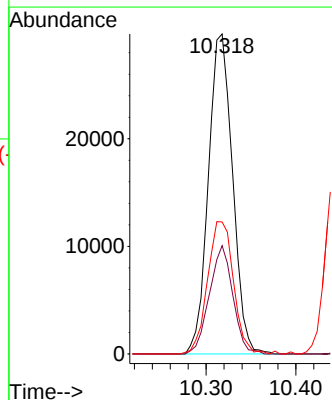
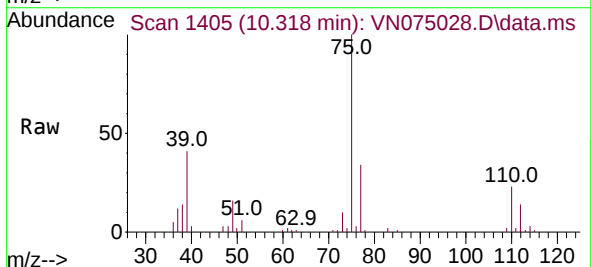
Manual Integrations
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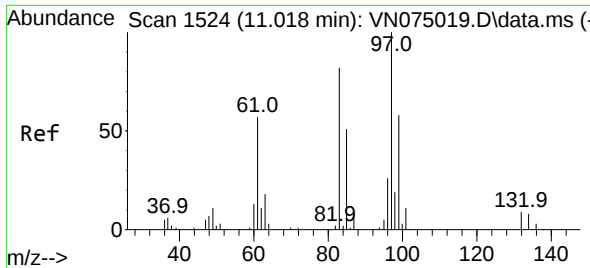
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
cis-1,3-Dichloropropene
Concen: 20.186 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

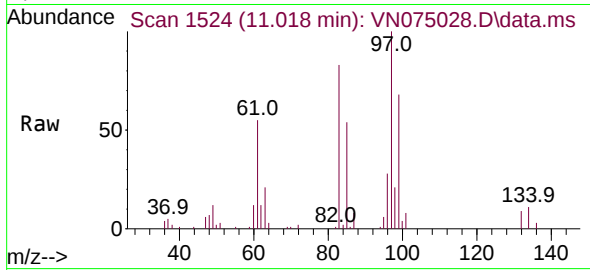
Tgt Ion: 75 Resp: 55705
Ion Ratio Lower Upper
75 100
77 33.8 23.7 35.5
39 41.2 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.473 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

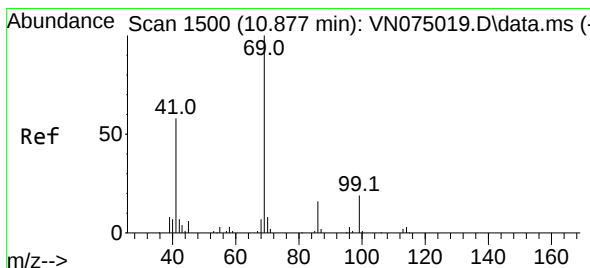
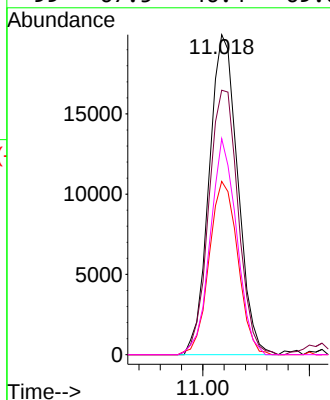
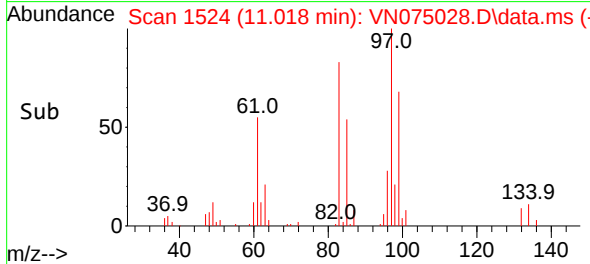
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01



Tgt Ion:	97	Resp:	37254
Ion	Ratio	Lower	Upper
97	100		
83	82.7	65.9	98.9
85	54.2	40.4	60.6
99	67.5	46.4	69.6

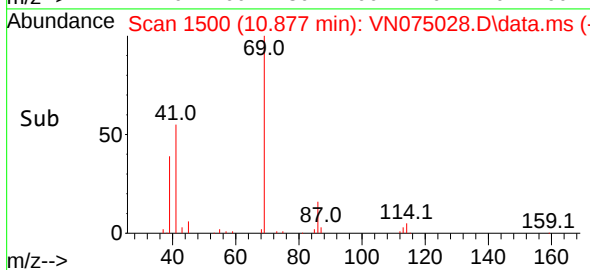
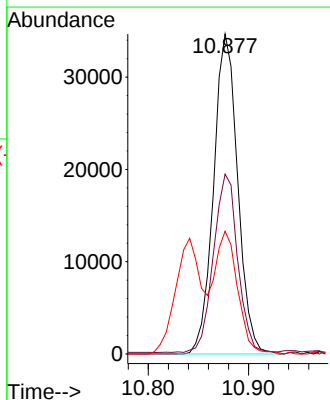
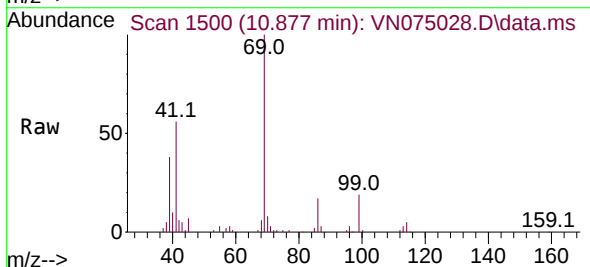
Manual Integrations
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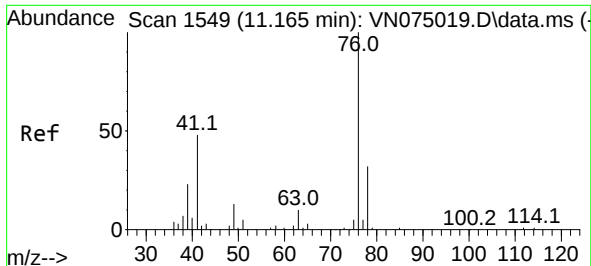
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Ethyl methacrylate
Concen: 20.843 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion:	69	Resp:	57854
Ion	Ratio	Lower	Upper
69	100		
41	55.8	45.6	68.4
39	36.3	28.5	42.7





#57

1,3-Dichloropropane

Concen: 20.634 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 76 Resp: 6252

Ion Ratio Lower Upper

76 100

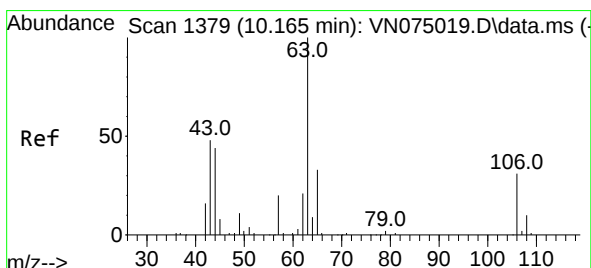
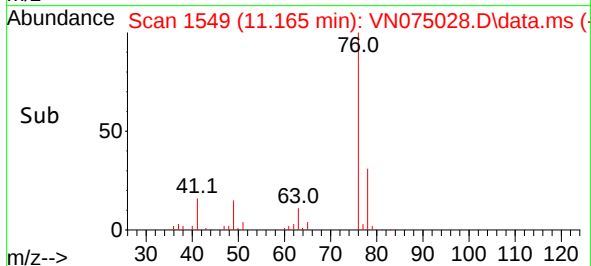
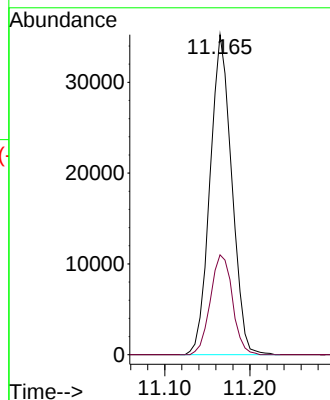
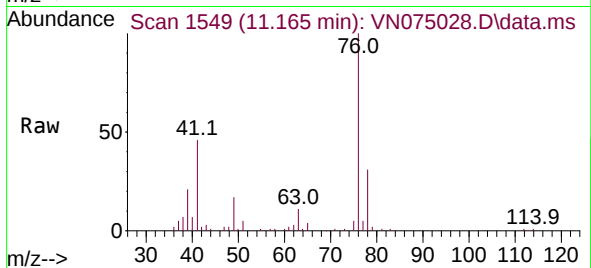
78 31.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 100.162 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075028.D

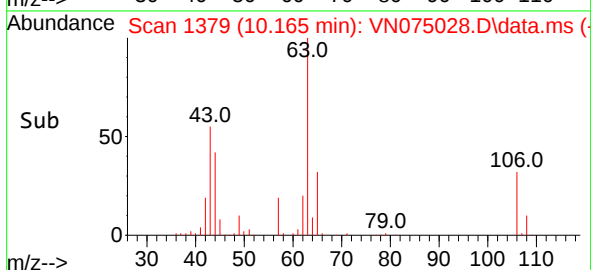
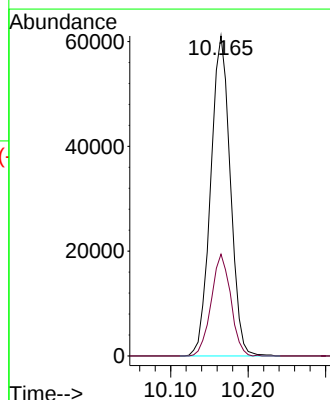
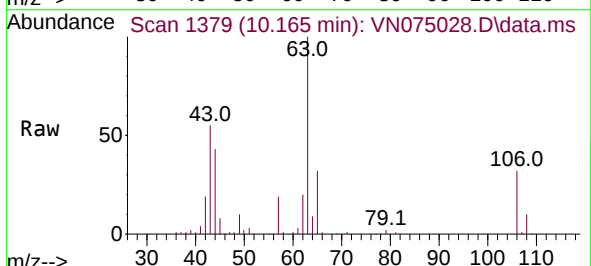
Acq: 26 Oct 2022 18:05

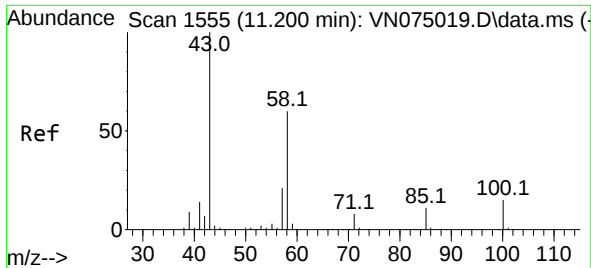
Tgt Ion: 63 Resp: 107480

Ion Ratio Lower Upper

63 100

106 31.6 24.8 37.2





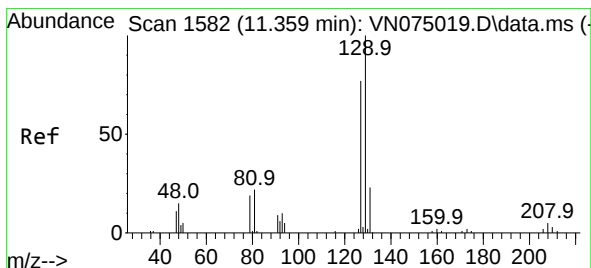
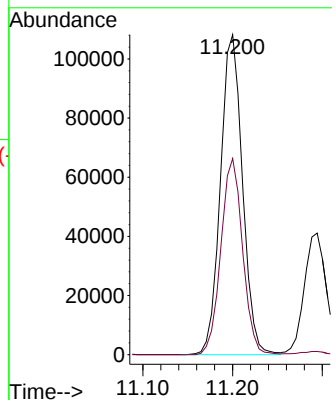
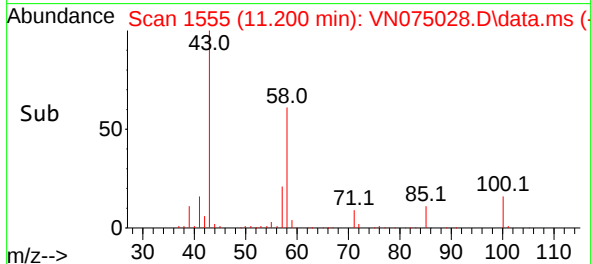
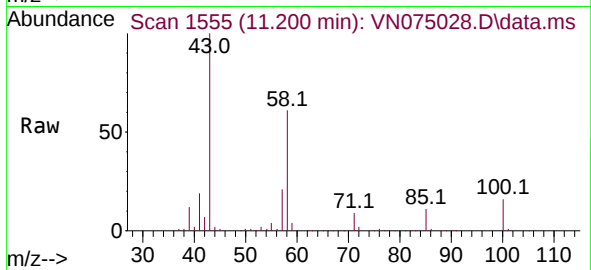
#59
2-Hexanone
Concen: 98.599 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01

Tgt Ion: 43 Resp: 18418
Ion Ratio Lower Upper
43 100
58 60.3 29.6 88.8

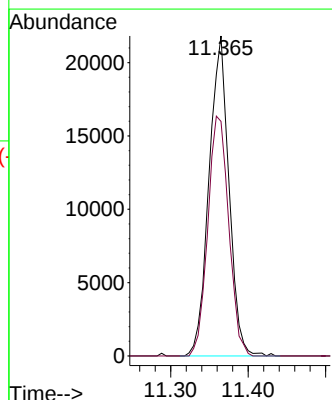
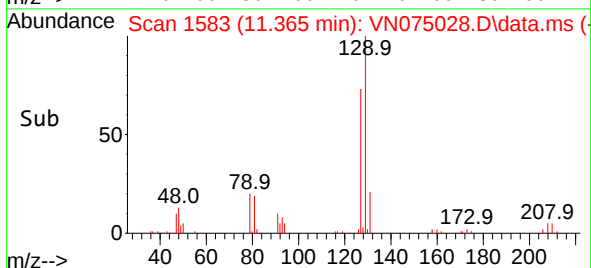
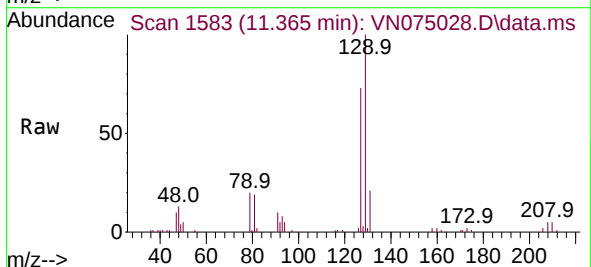
Manual Integrations
APPROVED

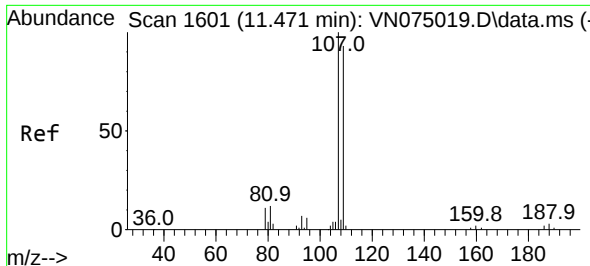
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 20.288 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion:129 Resp: 38949
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8





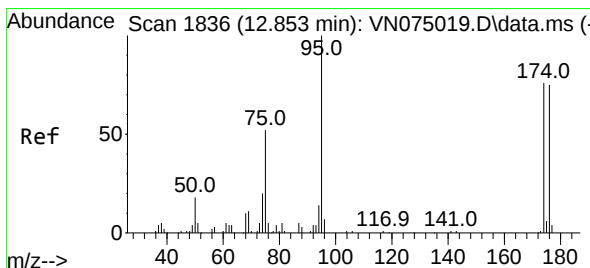
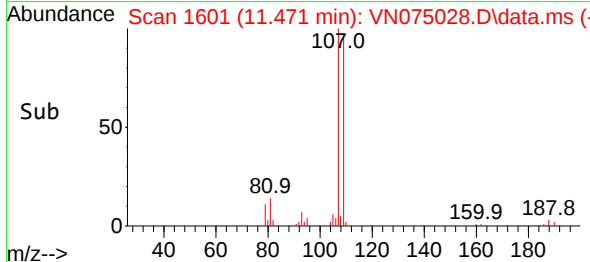
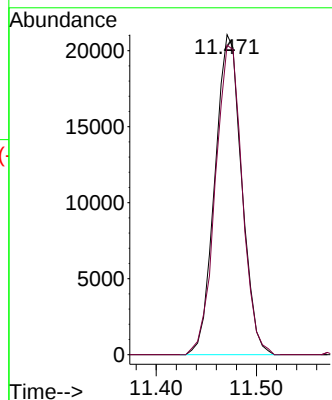
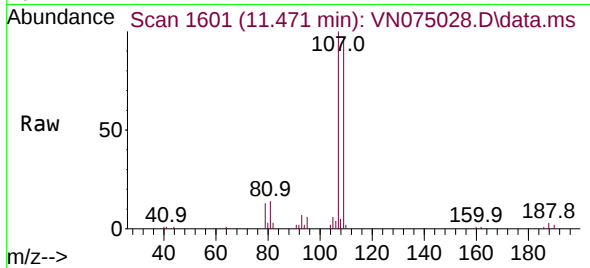
#61
1,2-Dibromoethane
Concen: 20.931 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01

Tgt Ion:107 Resp: 3903
Ion Ratio Lower Upper
107 100
109 96.9 75.6 113.4

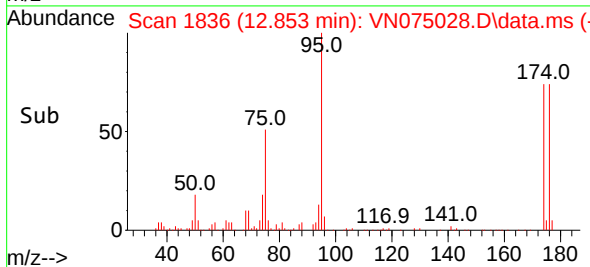
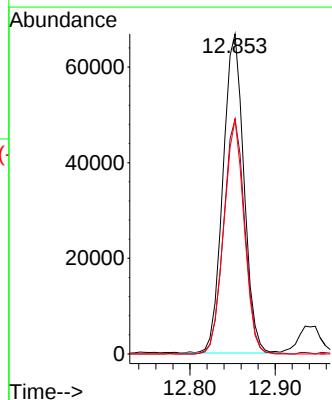
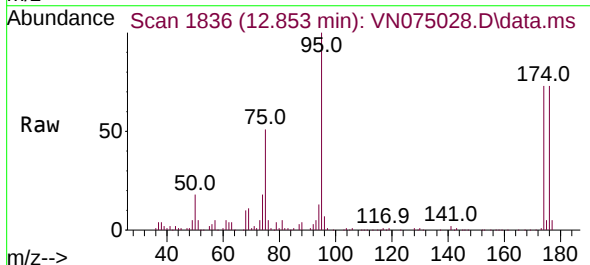
Manual Integrations
APPROVED

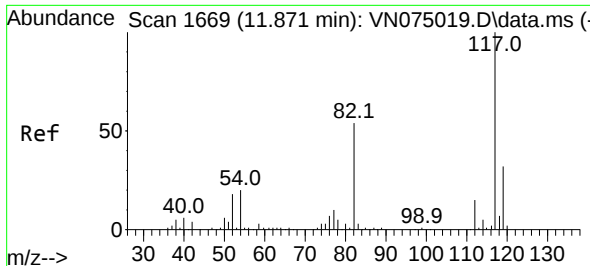
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 57.707 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

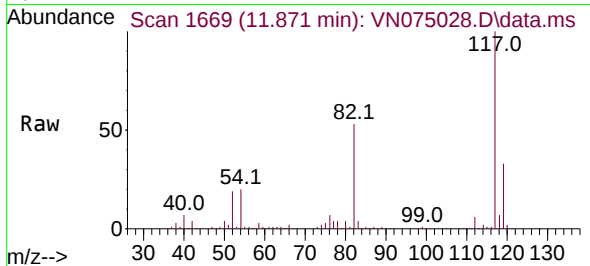
Tgt Ion: 95 Resp: 113903
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.4
176 71.3 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

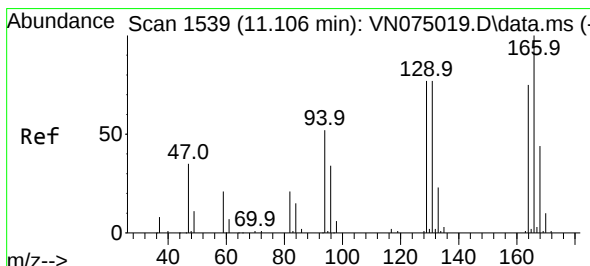
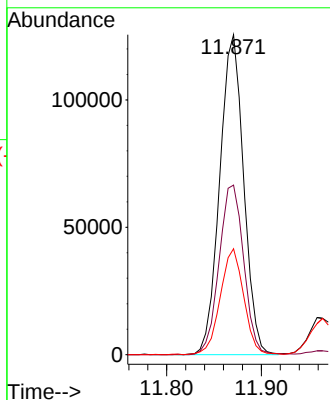
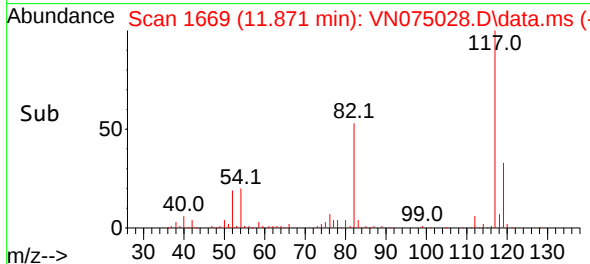
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



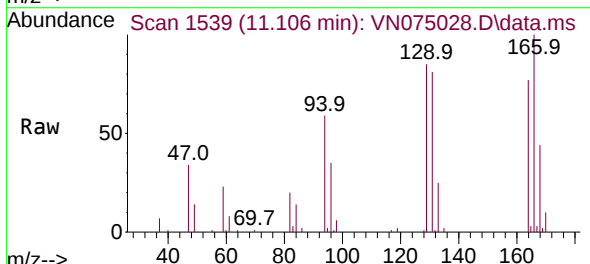
Tgt Ion:117 Resp: 220840
Ion Ratio Lower Upper
117 100
82 52.9 43.1 64.7
119 33.0 25.5 38.3

Manual Integrations
APPROVED

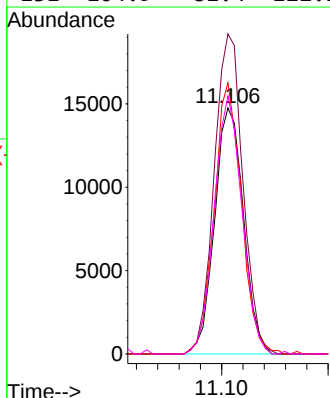
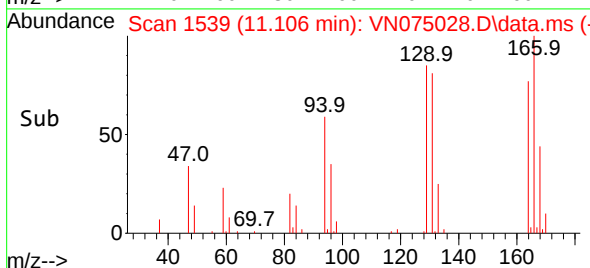
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

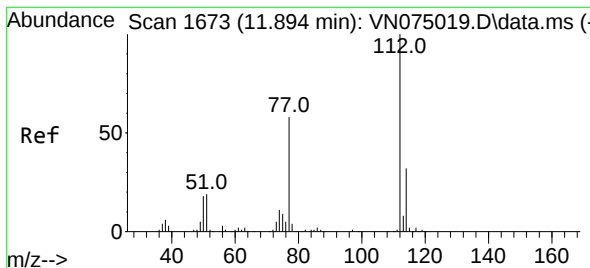


#64
Tetrachloroethene
Concen: 20.449 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05



Tgt Ion:164 Resp: 27688
Ion Ratio Lower Upper
164 100
166 130.1 106.5 159.7
129 110.3 81.9 122.9
131 104.9 81.4 122.2





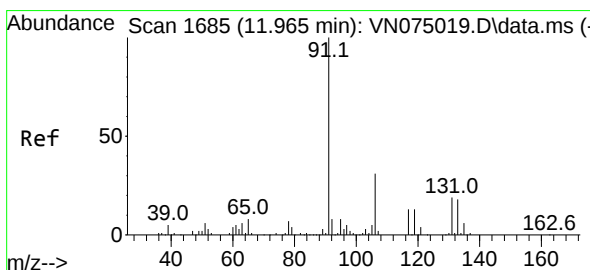
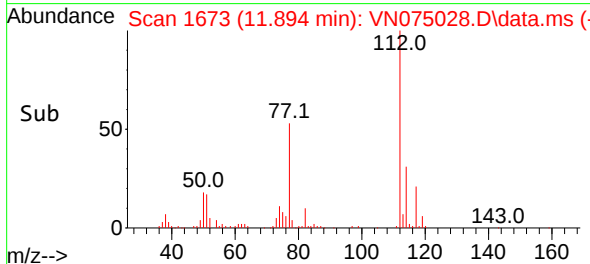
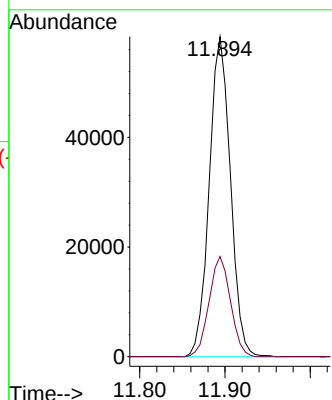
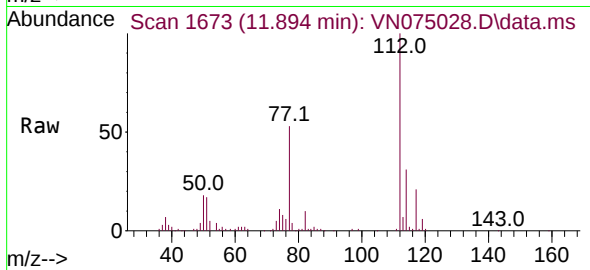
#65
Chlorobenzene
Concen: 21.394 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion:112 Resp: 10085
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

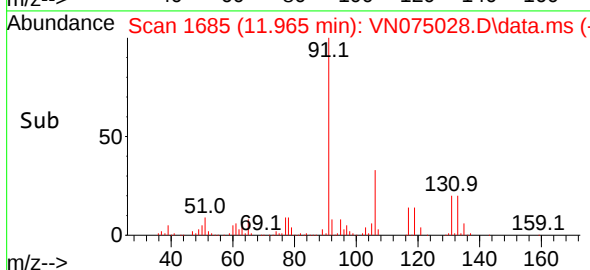
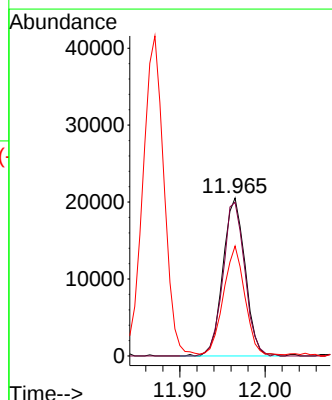
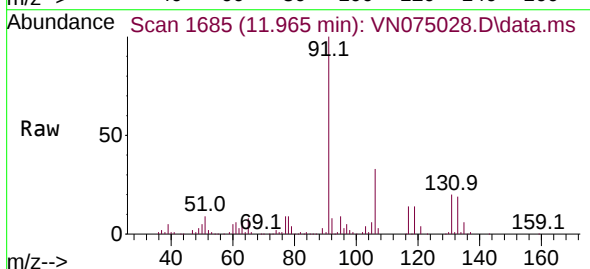
Manual Integrations
APPROVED

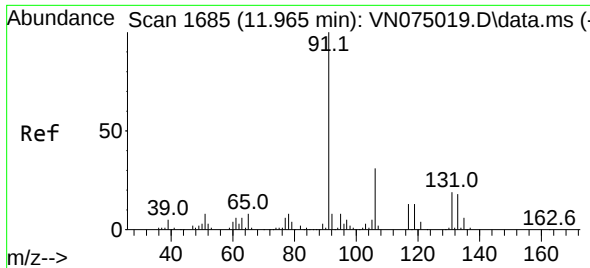
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.239 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion:131 Resp: 37140
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.4
119 66.6 33.0 99.0





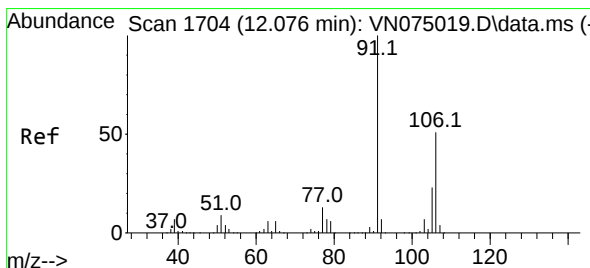
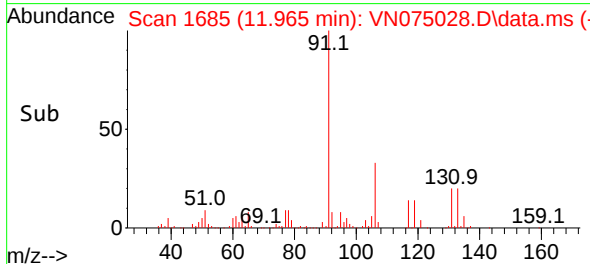
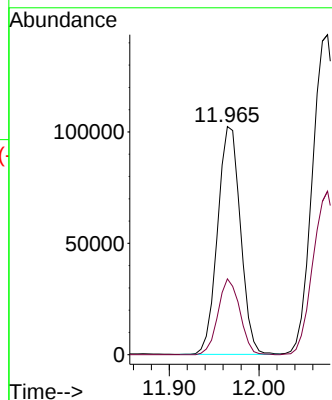
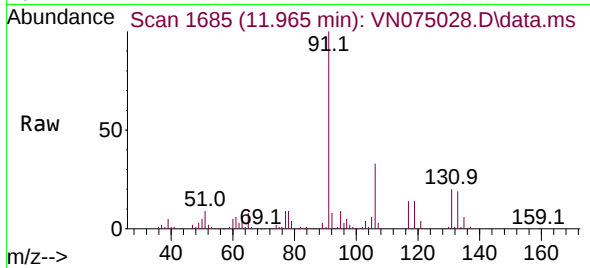
#67
Ethyl Benzene
Concen: 21.316 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01

Tgt Ion: 91 Resp: 180780
Ion Ratio Lower Upper
91 100
106 33.3 24.9 37.3

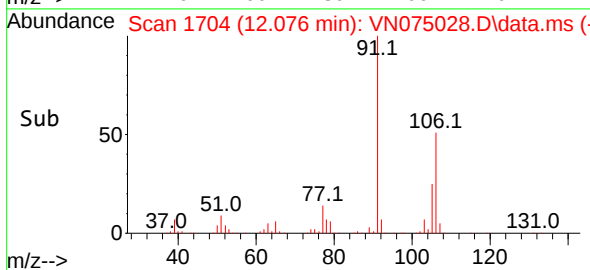
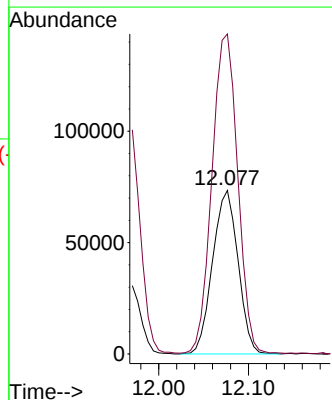
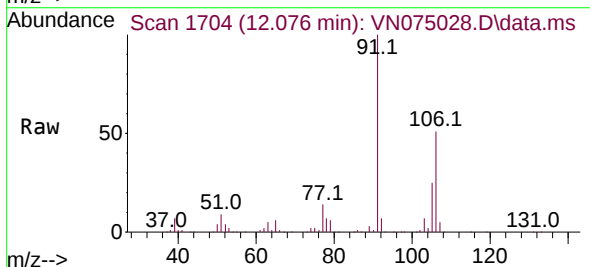
Manual Integrations
APPROVED

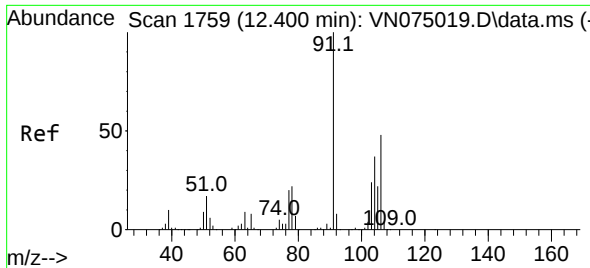
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#68
m/p-Xylenes
Concen: 42.477 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion:106 Resp: 144553
Ion Ratio Lower Upper
106 100
91 197.1 156.0 234.0





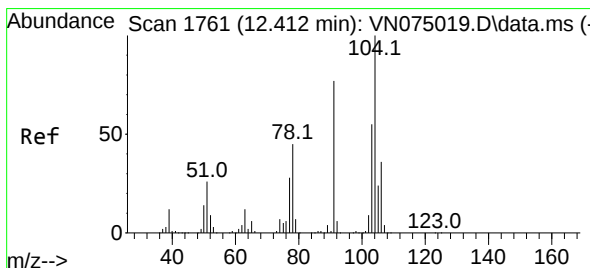
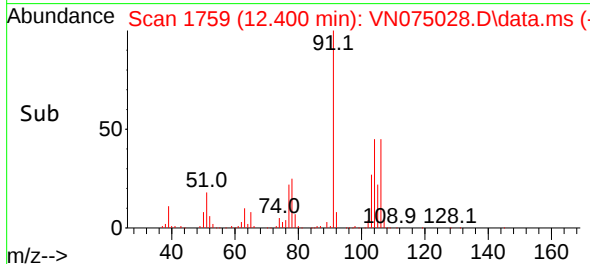
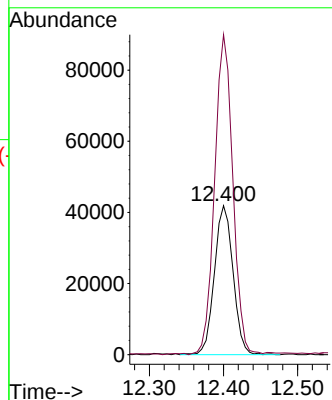
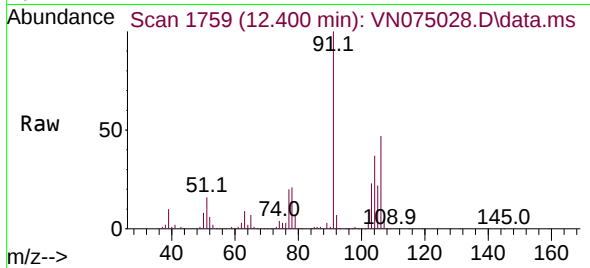
#69
o-Xylene
Concen: 21.793 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01

Tgt Ion:106 Resp: 7334
Ion Ratio Lower Upper
106 100
91 208.8 105.2 315.5

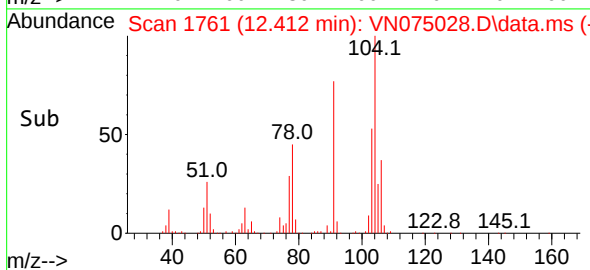
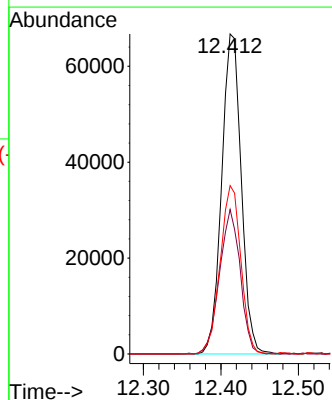
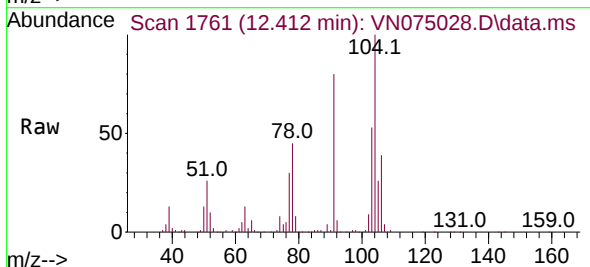
Manual Integrations
APPROVED

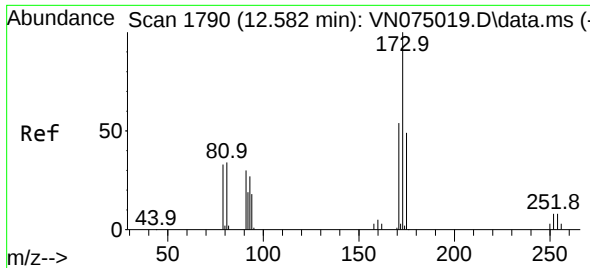
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 21.857 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

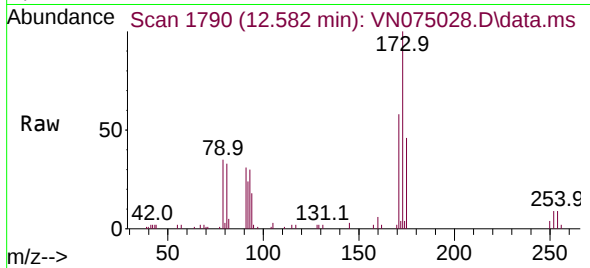
Tgt Ion:104 Resp: 117289
Ion Ratio Lower Upper
104 100
78 47.6 38.1 57.1
103 55.5 44.6 66.8





#71
Bromoform
Concen: 20.422 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

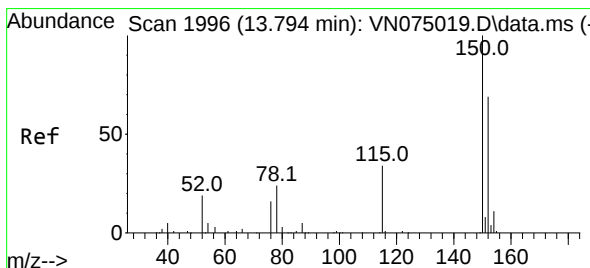
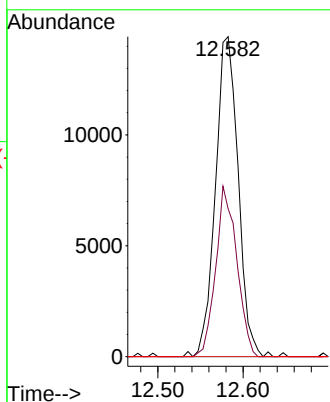
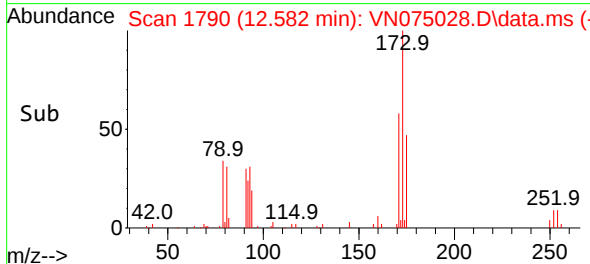
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01



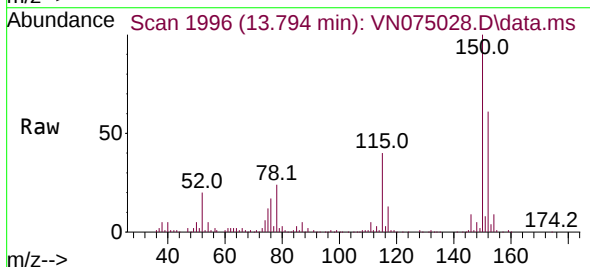
Tgt Ion:173 Resp: 26738
Ion Ratio Lower Upper
173 100
175 49.4 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

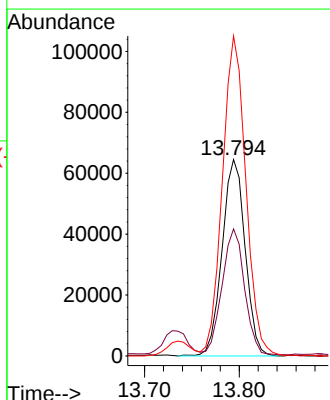
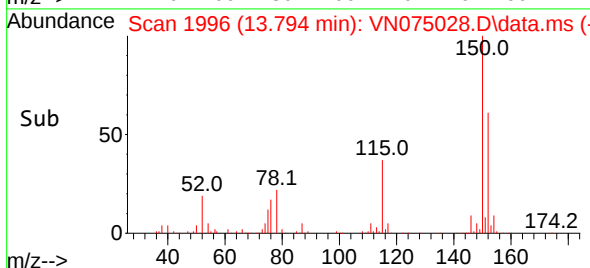
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

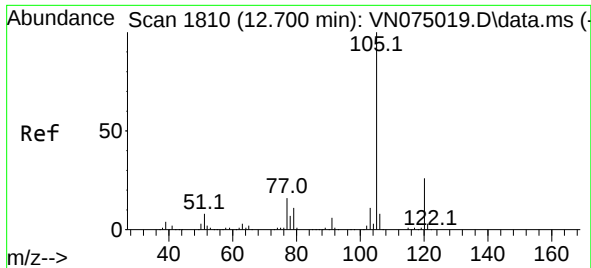


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05



Tgt Ion:152 Resp: 108985
Ion Ratio Lower Upper
152 100
115 62.5 30.2 90.6
150 165.9 0.0 348.4





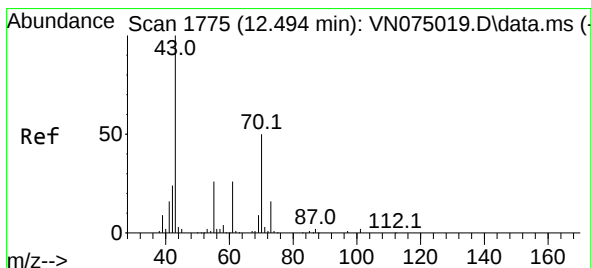
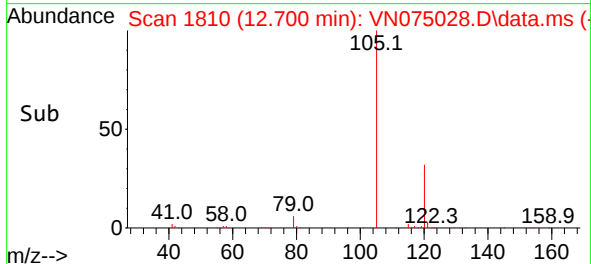
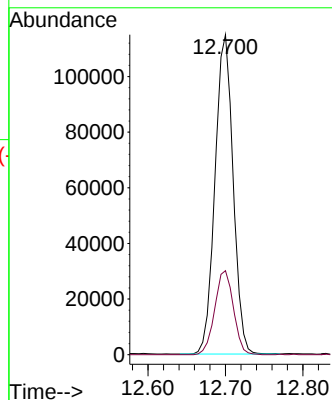
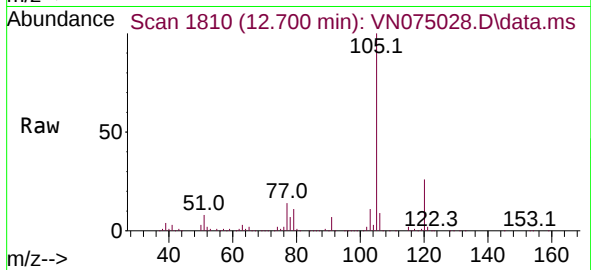
#73
Isopropylbenzene
Concen: 21.277 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01

Tgt Ion:105 Resp: 186160
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1

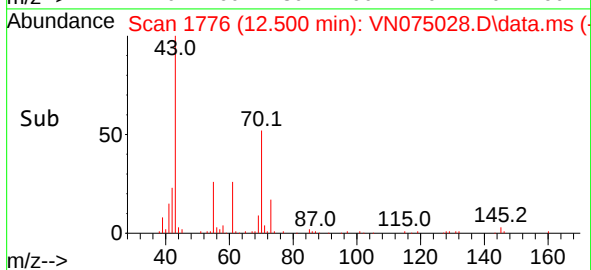
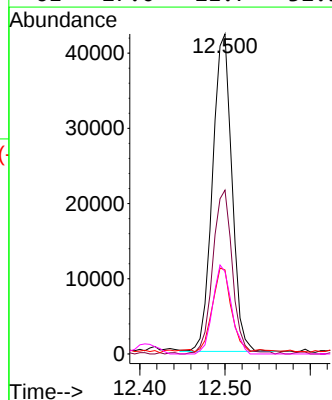
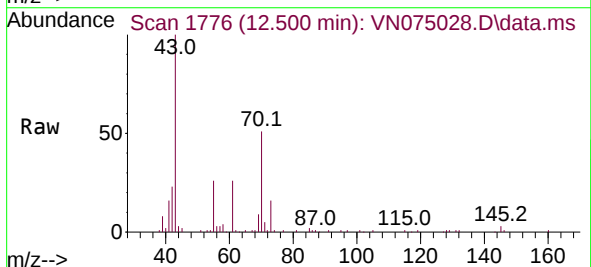
Manual Integrations
APPROVED

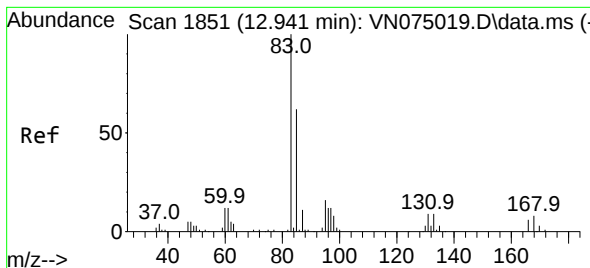
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#74
N-ethyl acetate
Concen: 20.562 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion: 43 Resp: 66539
Ion Ratio Lower Upper
43 100
70 52.5 39.8 59.8
55 25.7 19.9 29.9
61 27.0 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.971 ug/l

RT: 12.935 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

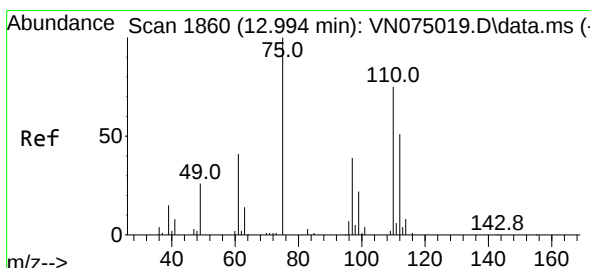
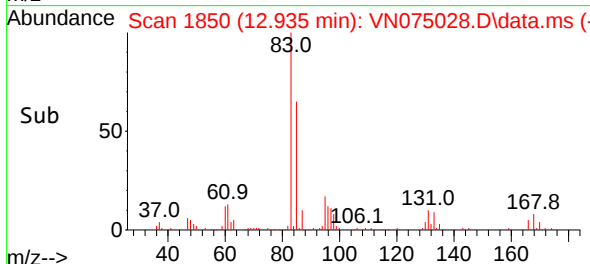
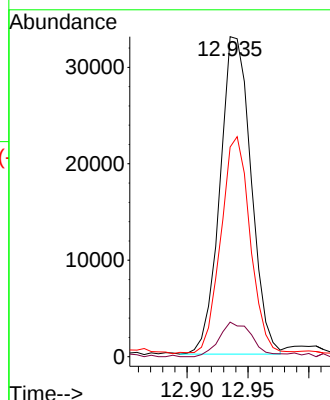
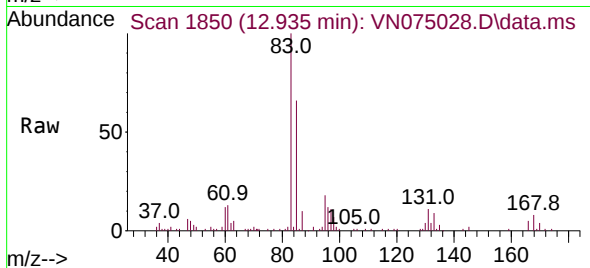
Tgt Ion: 83	Resp: 5852
Ion Ratio	Lower Upper
83 100	
131 12.2	5.1 15.3
85 63.5	31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#76

1,2,3-Trichloropropane

Concen: 20.369 ug/l m

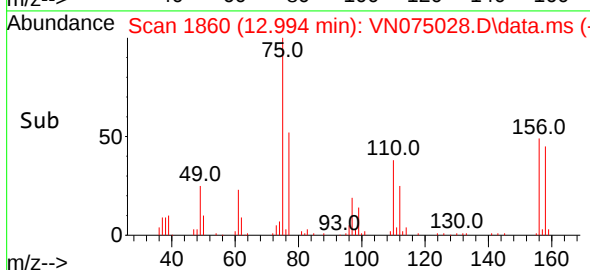
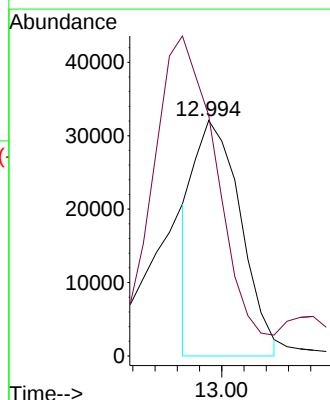
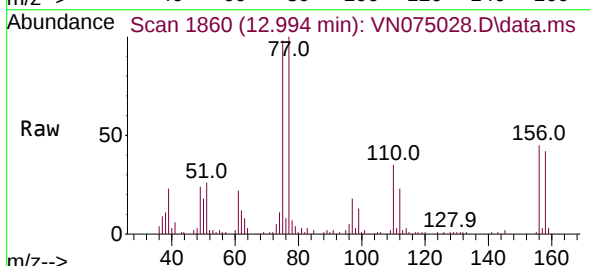
RT: 12.994 min Scan# 1860

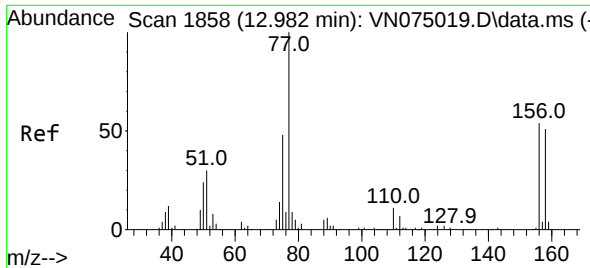
Delta R.T. 0.000 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

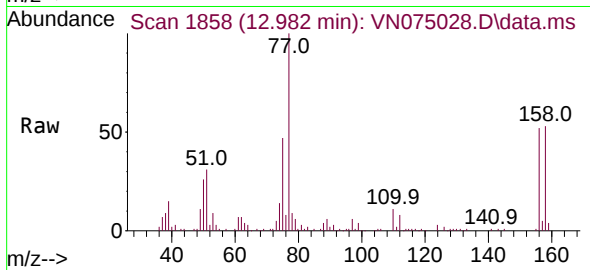
Tgt Ion: 75	Resp: 47135
Ion Ratio	Lower Upper
75 100	
77 190.9	75.6 226.8





#77
Bromobenzene
Concen: 20.901 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

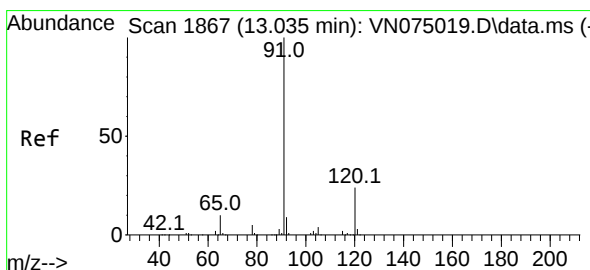
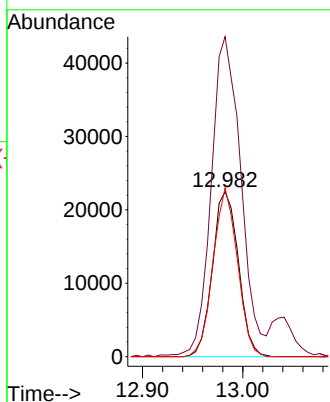
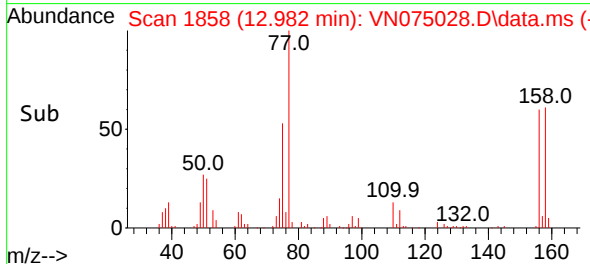
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01



Tgt Ion:156 Resp: 4026
Ion Ratio Lower Upper
156 100
77 223.5 108.5 325.5
158 96.4 47.7 143.1

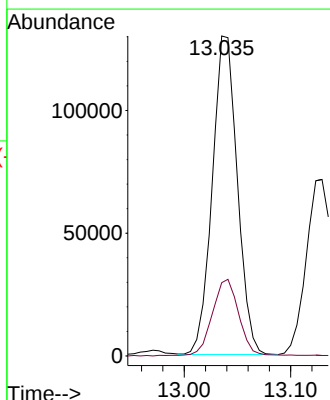
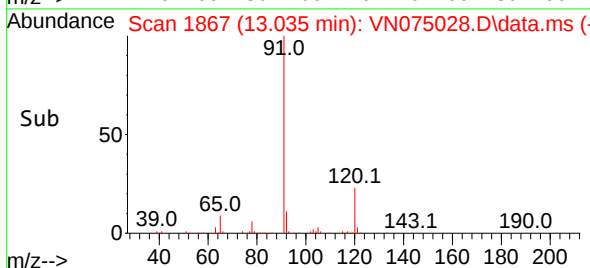
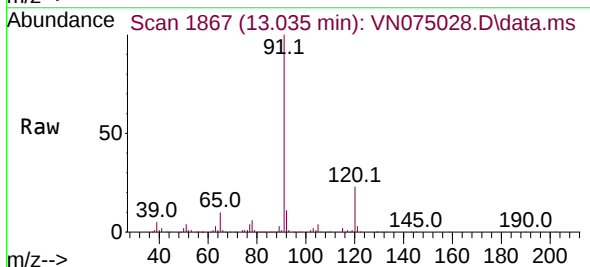
Manual Integrations
APPROVED

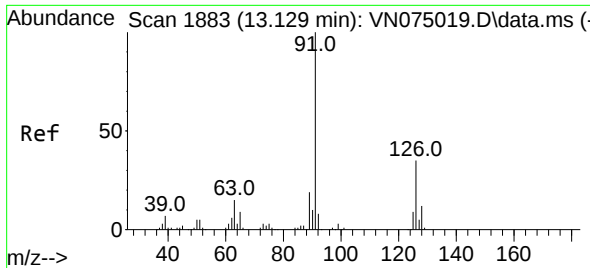
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#78
n-propylbenzene
Concen: 21.581 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion: 91 Resp: 211997
Ion Ratio Lower Upper
91 100
120 25.9 11.9 35.5





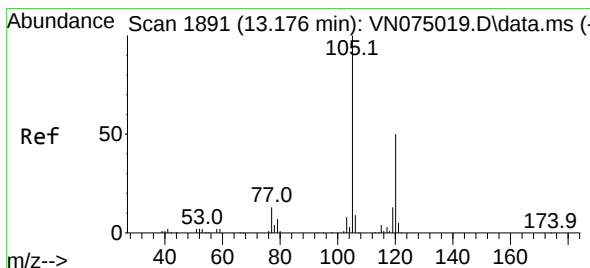
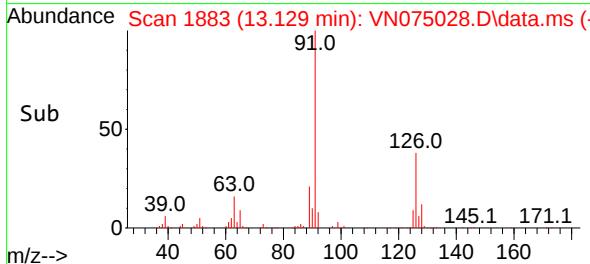
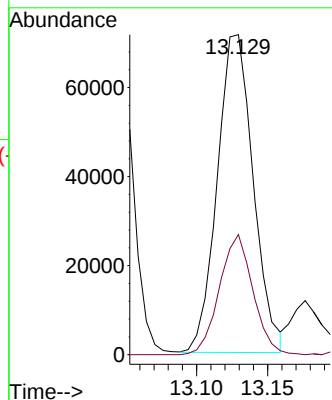
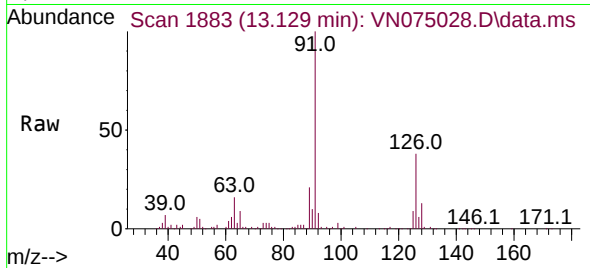
#79
2-Chlorotoluene
Concen: 20.996 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01

Tgt Ion: 91 Resp: 126034
Ion Ratio Lower Upper
91 100
126 35.1 16.9 50.7

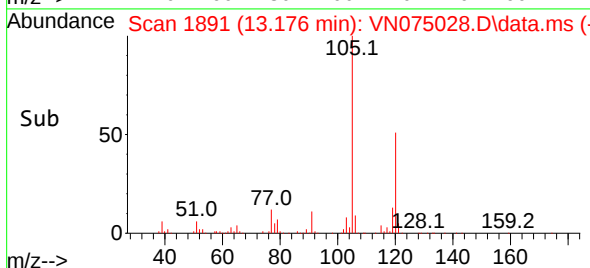
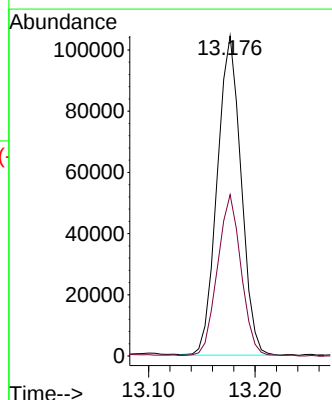
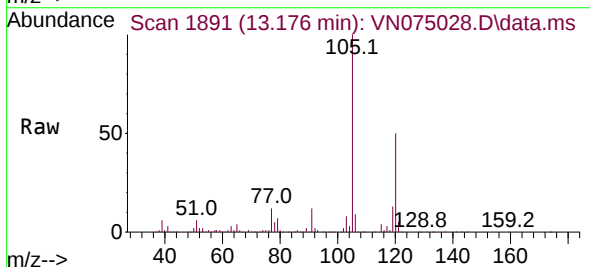
Manual Integrations
APPROVED

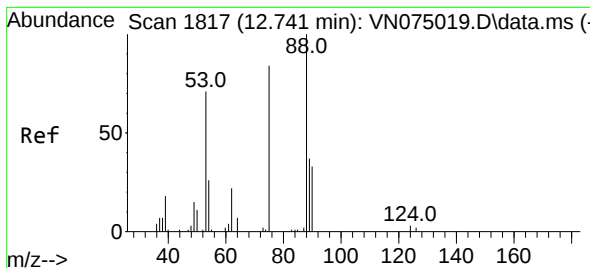
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.082 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion:105 Resp: 162280
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1





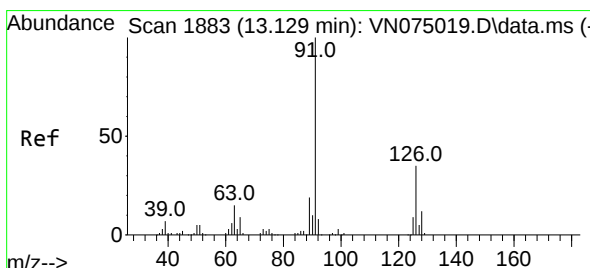
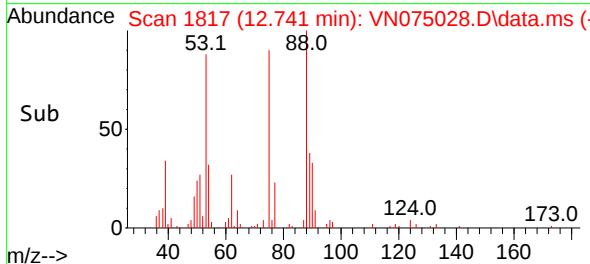
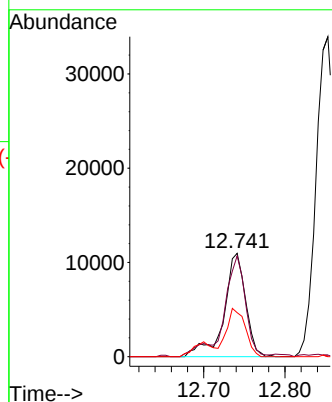
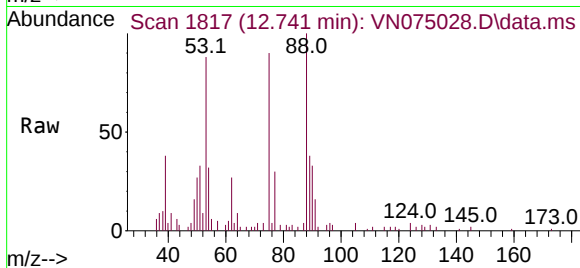
#81
trans-1,4-Dichloro-2-butene
Concen: 22.528 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01

Tgt Ion: 75 Resp: 20308
Ion Ratio Lower Upper
75 100
53 97.2 78.5 117.7
89 40.1 37.7 56.5

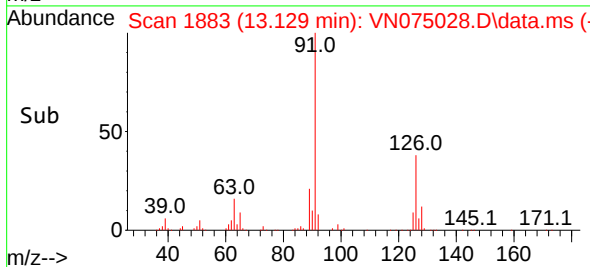
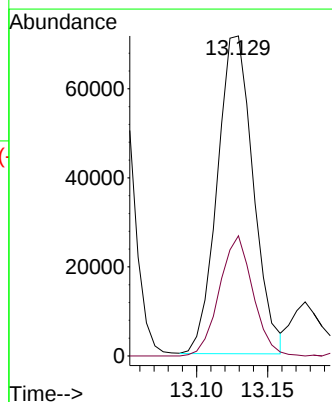
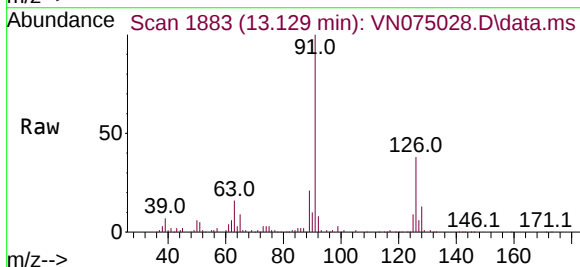
Manual Integrations
APPROVED

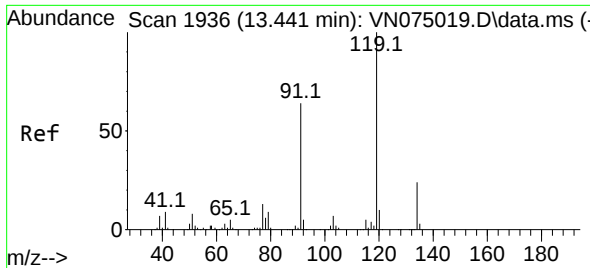
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 20.996 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion: 91 Resp: 126034
Ion Ratio Lower Upper
91 100
126 35.1 16.9 50.7





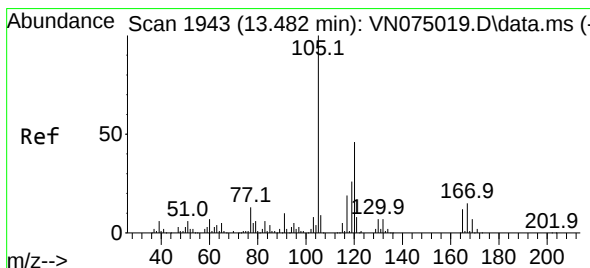
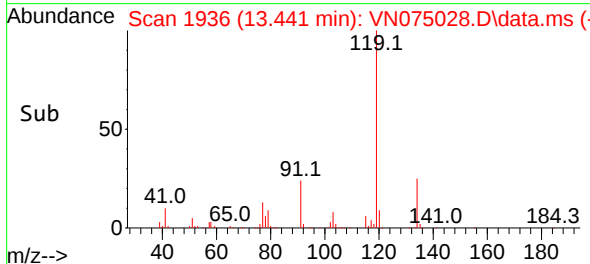
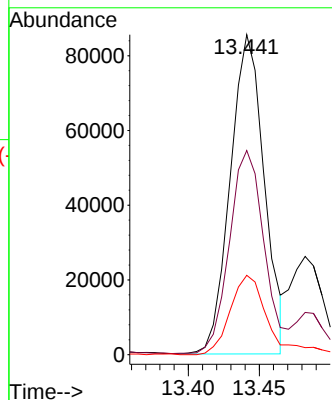
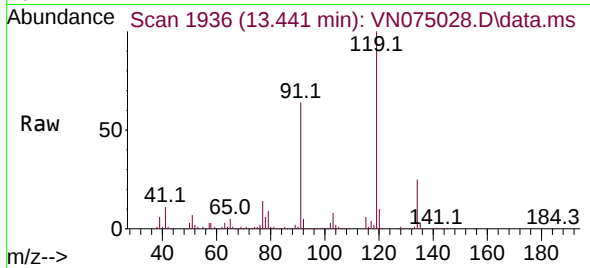
#83
 tert-Butylbenzene
 Concen: 21.802 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN075028.D
 Acq: 26 Oct 2022 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBSD01

Tgt Ion:119 Resp: 142368
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.8 98.4
 134 27.6 12.3 36.9

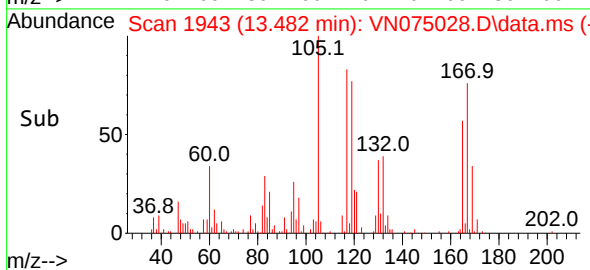
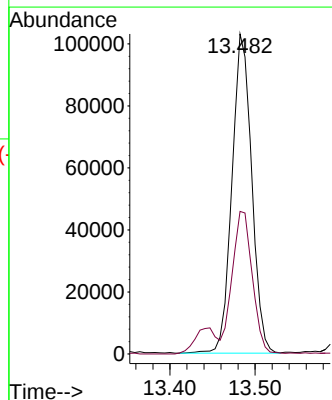
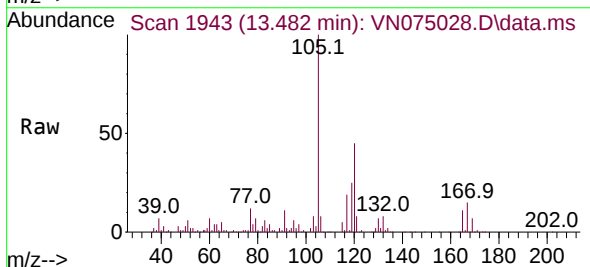
Manual Integrations
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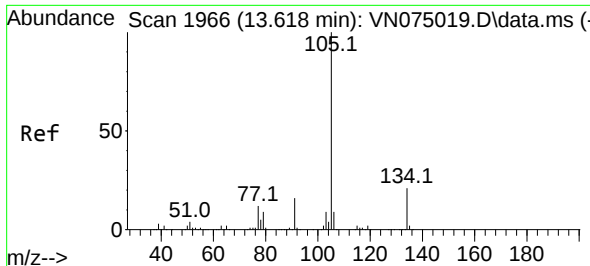
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#84
 1,2,4-Trimethylbenzene
 Concen: 22.222 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN075028.D
 Acq: 26 Oct 2022 18:05

Tgt Ion:105 Resp: 165233
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1





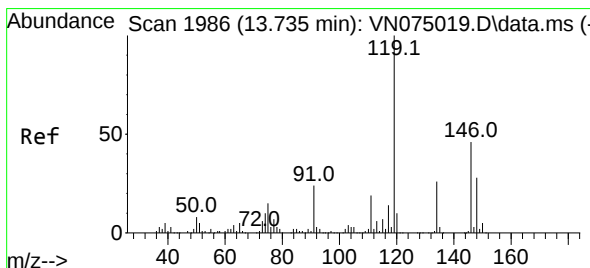
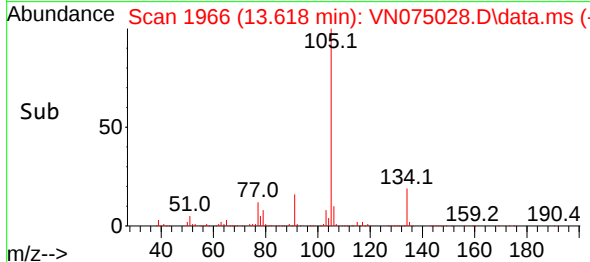
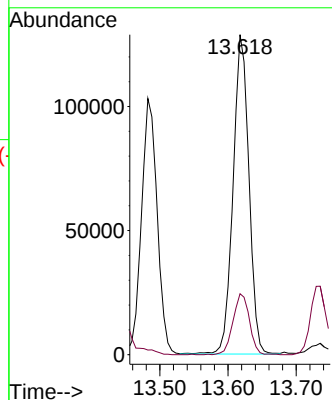
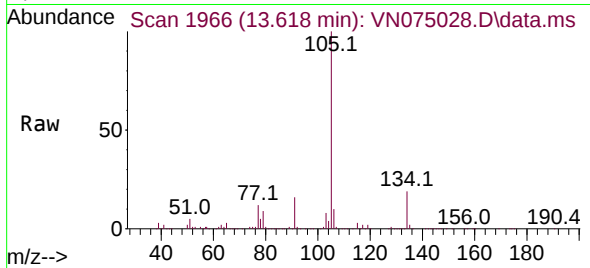
#85
 sec-Butylbenzene
 Concen: 22.814 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075028.D
 Acq: 26 Oct 2022 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBSD01

Tgt Ion:105 Resp: 208399
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.6

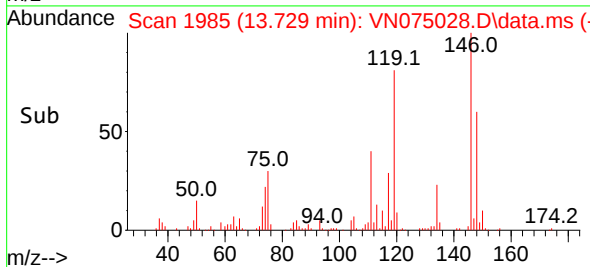
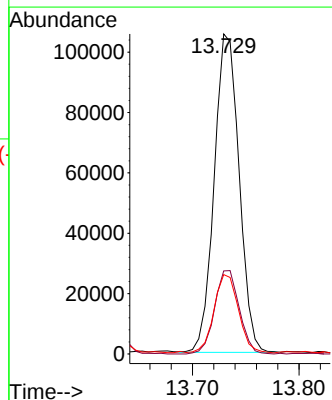
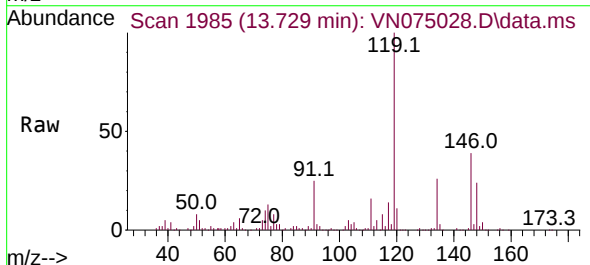
Manual Integrations
 APPROVED

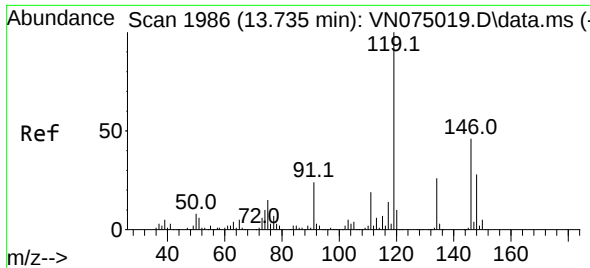
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#86
 p-Isopropyltoluene
 Concen: 22.683 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075028.D
 Acq: 26 Oct 2022 18:05

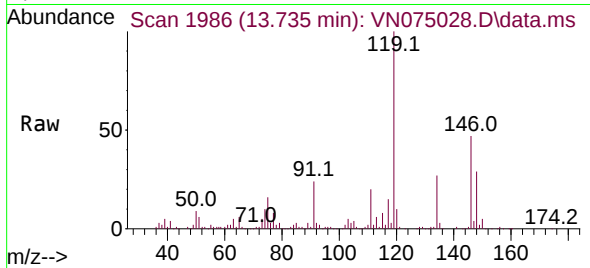
Tgt Ion:119 Resp: 171124
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 24.2 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 21.539 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

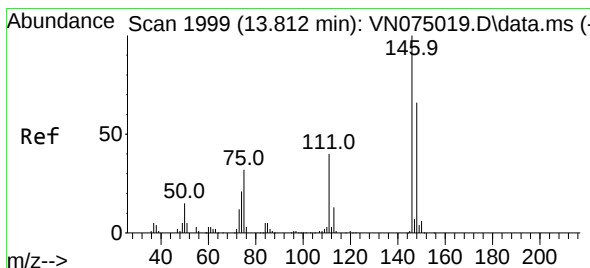
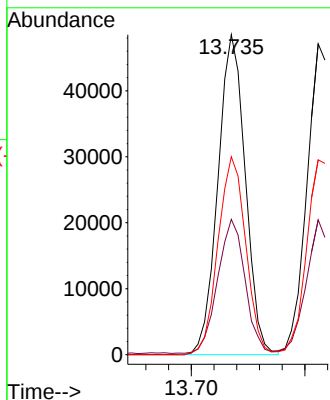
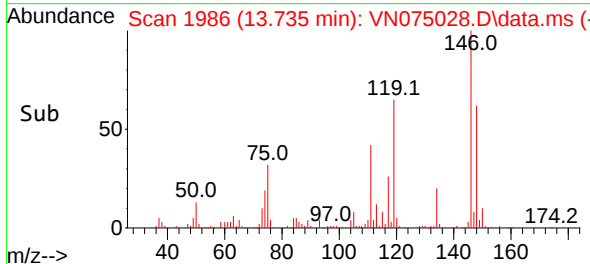
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01



Tgt Ion:146 Resp: 81240
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.5
148 62.6 31.1 93.5

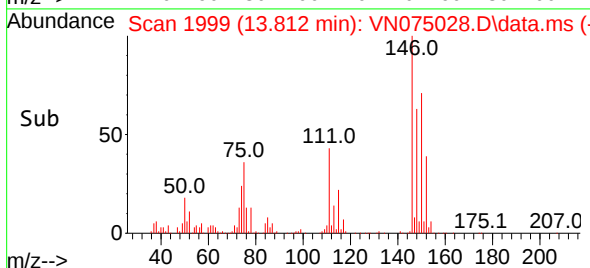
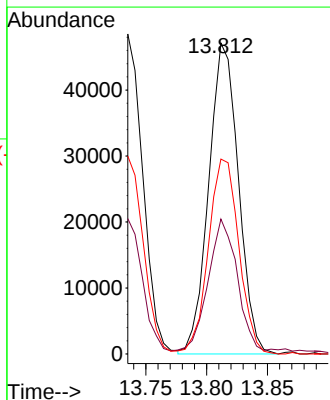
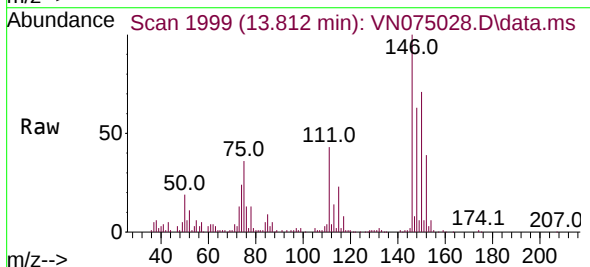
Manual Integrations
APPROVED

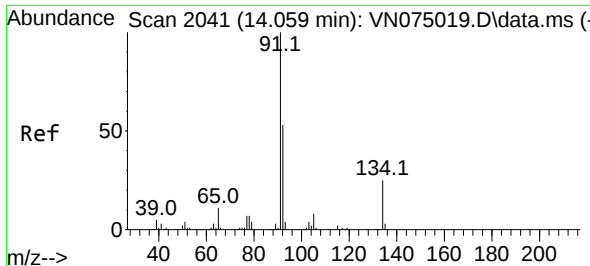
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#88
1,4-Dichlorobenzene
Concen: 21.466 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion:146 Resp: 80135
Ion Ratio Lower Upper
146 100
111 43.7 20.1 60.3
148 64.4 31.9 95.7





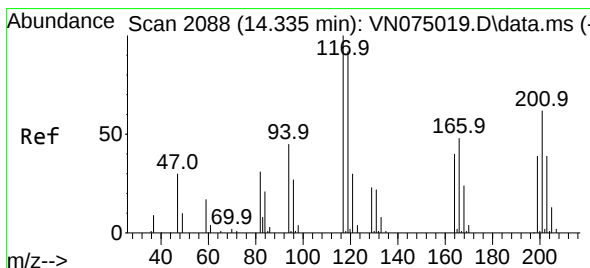
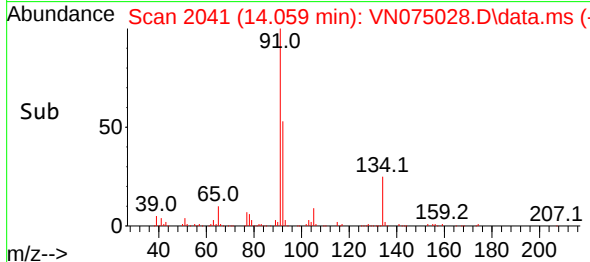
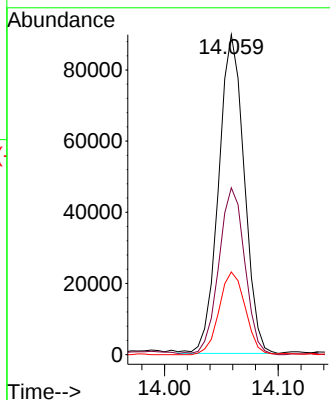
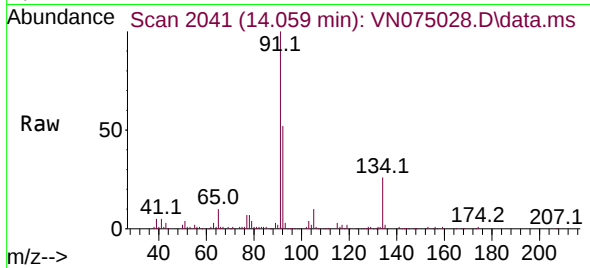
#89
n-Butylbenzene
Concen: 23.085 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01

Tgt Ion: 91 Resp: 14024
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.4
134 26.8 13.0 39.0

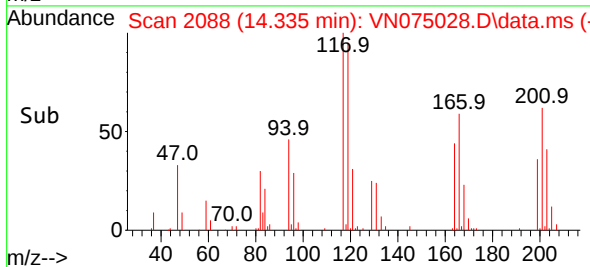
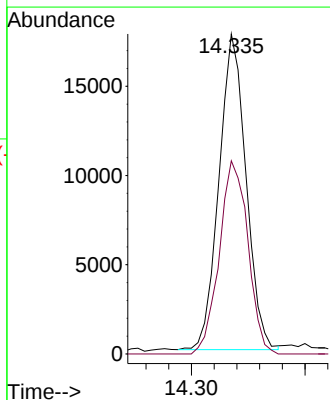
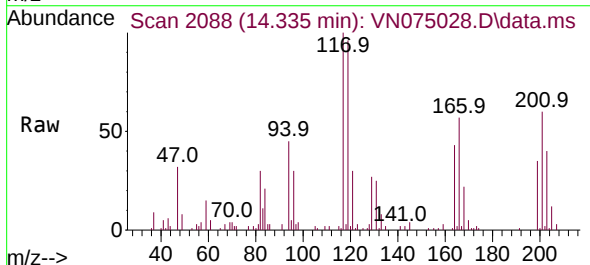
Manual Integrations
APPROVED

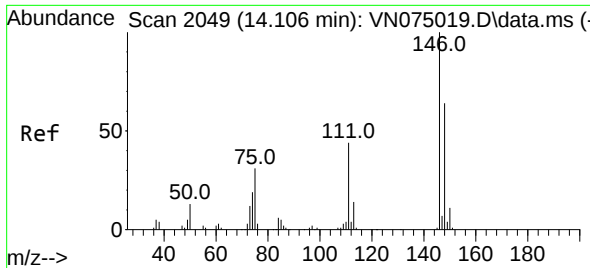
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 21.116 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion:117 Resp: 29208
Ion Ratio Lower Upper
117 100
201 64.6 31.5 94.5





#91

1,2-Dichlorobenzene

Concen: 21.843 ug/l

RT: 14.112 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion:146 Resp: 81910

Ion Ratio Lower Upper

146 100

111 44.4 21.3 63.9

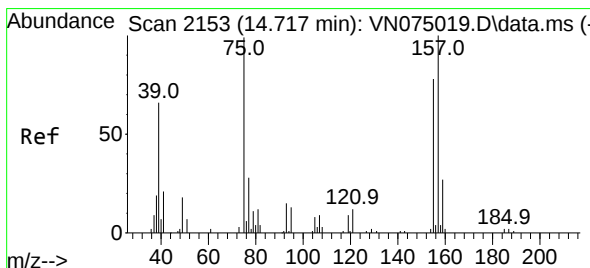
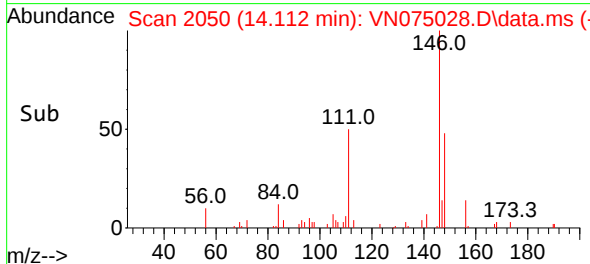
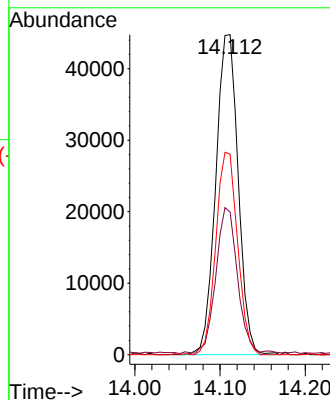
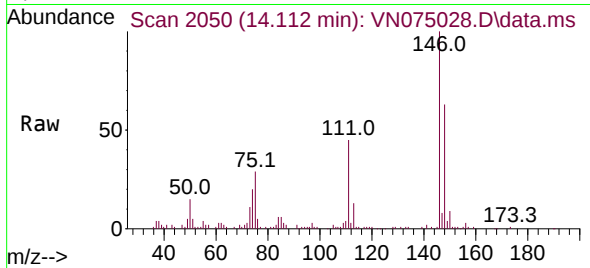
148 61.4 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.387 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

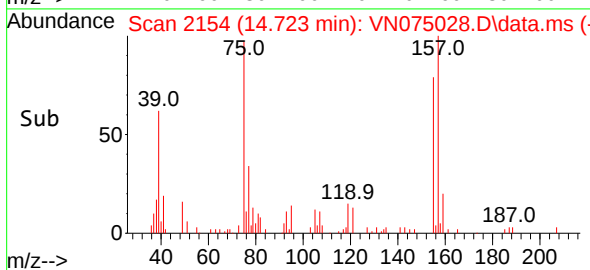
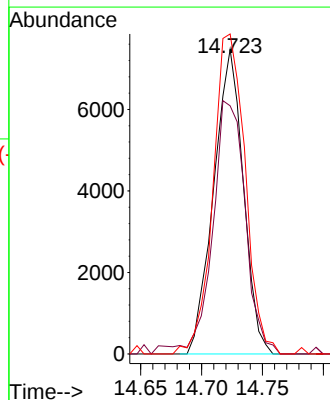
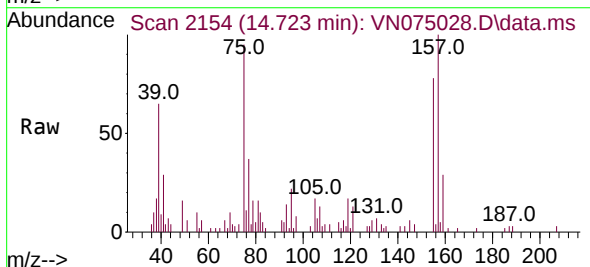
Tgt Ion: 75 Resp: 12622

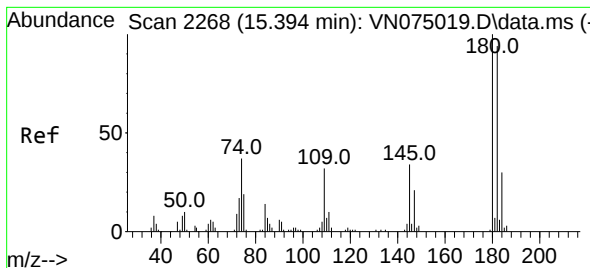
Ion Ratio Lower Upper

75 100

155 90.5 42.1 126.3

157 113.8 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 23.039 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

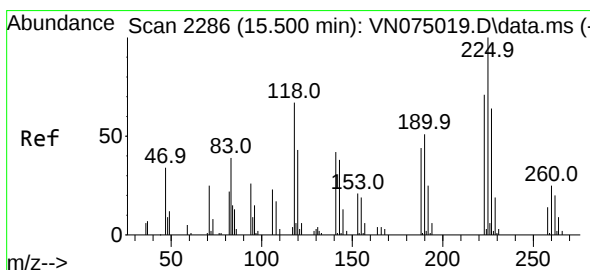
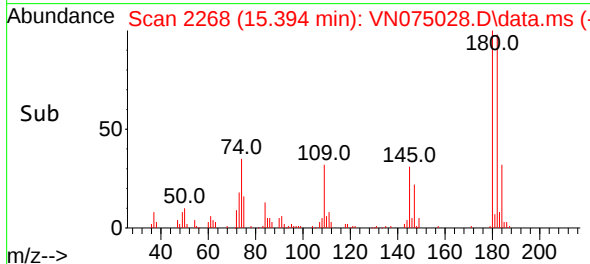
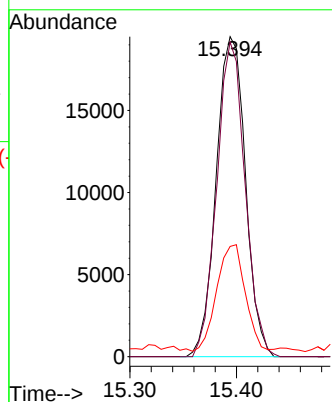
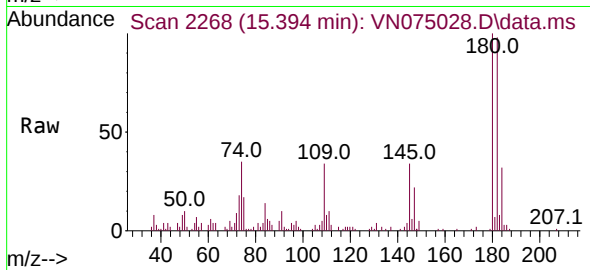
Tgt Ion:	180	Resp:	3717
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.8	143.4
145	32.6	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#94

Hexachlorobutadiene

Concen: 22.955 ug/l

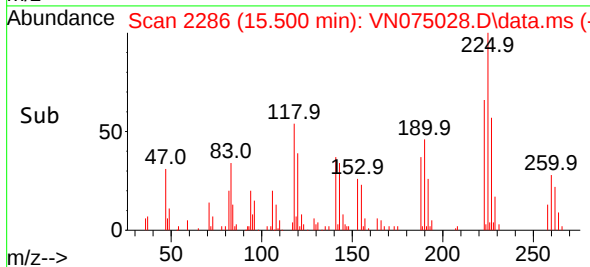
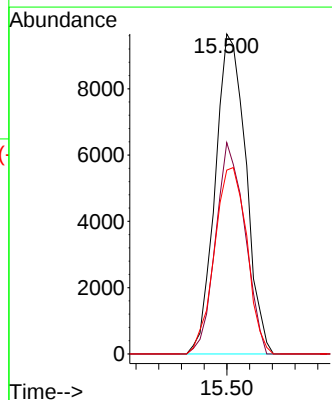
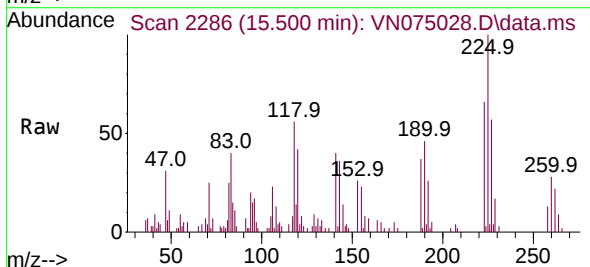
RT: 15.500 min Scan# 2286

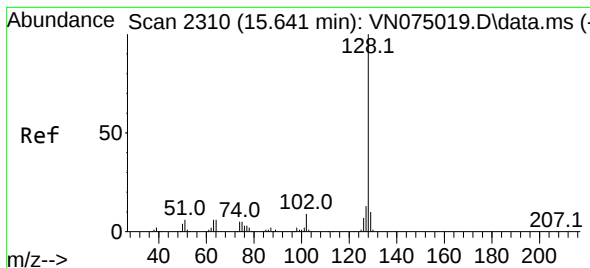
Delta R.T. -0.000 min

Lab File: VN075028.D

Acq: 26 Oct 2022 18:05

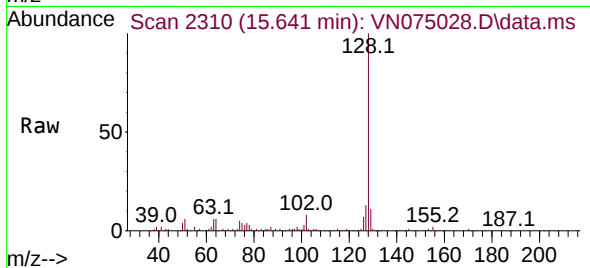
Tgt Ion:	225	Resp:	18058
Ion Ratio	Lower	Upper	
225	100		
223	63.1	32.3	96.9
227	61.7	32.0	96.2





#95
Naphthalene
Concen: 24.610 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

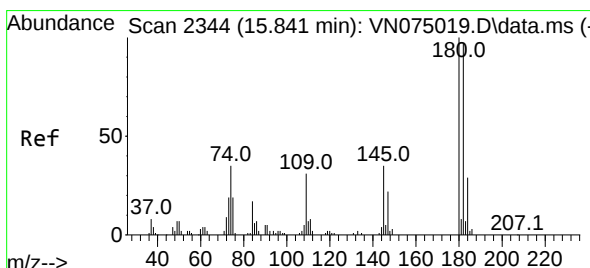
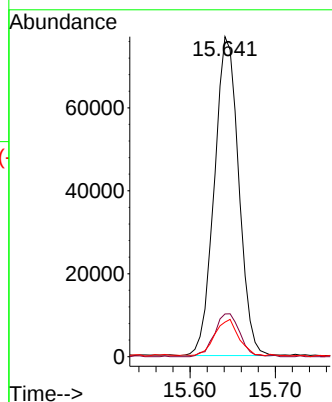
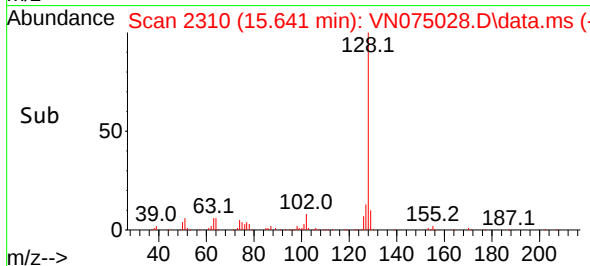
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD01



Tgt Ion:128 Resp: 152719
Ion Ratio Lower Upper
128 100
127 14.1 10.4 15.6
129 11.2 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 22.616 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075028.D
Acq: 26 Oct 2022 18:05

Tgt Ion:180 Resp: 36261
Ion Ratio Lower Upper
180 100
182 97.1 47.3 141.8
145 45.4 17.6 52.9

