

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079425.D
 Acq On : 05 Oct 2023 17:26
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Oct 06 01:13:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 01:12:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/06/2023
 Supervised By : Mahesh Dadoda 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	251567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	441454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	411556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	187240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	290156	83.503	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 167.000%#			
35) Dibromofluoromethane	8.171	113	222775	76.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 152.440%#			
50) Toluene-d8	10.571	98	877883	81.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 162.400%#			
62) 4-Bromofluorobenzene	12.853	95	294138	85.404	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 170.800%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	303702	111.090	ug/l	100
3) Chloromethane	2.365	50	336182	95.757	ug/l	98
4) Vinyl Chloride	2.512	62	369178	97.372	ug/l	100
5) Bromomethane	2.924	94	197785	89.831	ug/l	97
6) Chloroethane	3.107	64	233138	83.125	ug/l	95
7) Trichlorofluoromethane	3.489	101	427656	80.503	ug/l	99
8) Diethyl Ether	3.959	74	160955	86.856	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.365	101	238457	83.631	ug/l	100
10) Methyl Iodide	4.589	142	265432	109.670	ug/l	99
11) Tert butyl alcohol	5.530	59	229188	359.508	ug/l	100
12) 1,1-Dichloroethene	4.342	96	231591	84.278	ug/l	86
13) Acrolein	4.177	56	272605	445.966	ug/l	97
14) Allyl chloride	5.024	41	379320	86.338	ug/l #	90
15) Acrylonitrile	5.718	53	720754	430.629	ug/l	99
16) Acetone	4.430	43	672695	451.117	ug/l	92
17) Carbon Disulfide	4.712	76	703378	81.307	ug/l	98
18) Methyl Acetate	5.030	43	583528	92.921	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	798691	85.346	ug/l	94
20) Methylene Chloride	5.277	84	280015	78.281	ug/l #	85
21) trans-1,2-Dichloroethene	5.789	96	259781	82.025	ug/l #	79
22) Diisopropyl ether	6.677	45	896554	92.630	ug/l #	89
23) Vinyl Acetate	6.606	43	2690179	455.577	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	508551	85.623	ug/l	98
25) 2-Butanone	7.489	43	995787	458.729	ug/l #	81
26) 2,2-Dichloropropane	7.495	77	417753	86.607	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	300569	83.465	ug/l	86
28) Bromochloromethane	7.818	49	243535	90.099	ug/l #	74
29) Tetrahydrofuran	7.842	42	645040	466.515	ug/l #	76
30) Chloroform	7.971	83	509519	82.968	ug/l	93
31) Cyclohexane	8.259	56	438297	85.245	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	442779	84.891	ug/l	94
36) 1,1-Dichloropropene	8.377	75	389488	85.117	ug/l	94
37) Ethyl Acetate	7.565	43	405369	88.154	ug/l #	90
38) Carbon Tetrachloride	8.365	117	383990	81.449	ug/l	97
39) Methylcyclohexane	9.606	83	409543	90.720	ug/l #	86
40) Benzene	8.612	78	1145720	82.227	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	202922	87.091	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	402813	83.265	ug/l	97
43) Isopropyl Acetate	8.694	43	668111	88.670	ug/l #	88
44) Trichloroethene	9.359	130	260077	76.308	ug/l	99
45) 1,2-Dichloropropane	9.630	63	298693	86.108	ug/l	97
46) Dibromomethane	9.712	93	196084	83.374	ug/l	95
47) Bromodichloromethane	9.894	83	406661	84.610	ug/l	96
48) Methyl methacrylate	9.683	41	311878	92.377	ug/l #	81
49) 1,4-Dioxane	9.700	88	113227	1652.827	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	2042158	466.138	ug/l	89
52) Toluene	10.635	92	706419	82.579	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	442398	87.453	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	475198	87.397	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	272050	81.142	ug/l	97
56) Ethyl methacrylate	10.877	69	437840	92.444	ug/l #	82
57) 1,3-Dichloropropane	11.171	76	490795	84.524	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	950047	537.700	ug/l	89
59) 2-Hexanone	11.200	43	1528715	480.438	ug/l	88
60) Dibromochloromethane	11.365	129	289305	81.848	ug/l	100
61) 1,2-Dibromoethane	11.477	107	275220	82.859	ug/l	98
64) Tetrachloroethene	11.106	164	210053	70.357	ug/l	97
65) Chlorobenzene	11.894	112	711765	76.305	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	271546	77.895	ug/l	98
67) Ethyl Benzene	11.971	91	1374543	85.740	ug/l	97
68) m/p-Xylenes	12.077	106	1021420	171.756	ug/l	94
69) o-Xylene	12.400	106	491496	86.168	ug/l	93
70) Styrene	12.418	104	827274	90.201	ug/l	98
71) Bromoform	12.582	173	198991	78.308	ug/l #	100
73) Isopropylbenzene	12.700	105	1268704	74.011	ug/l	99
74) N-amyl acetate	12.500	43	568959	86.042	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	412333	64.633	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	332012m	65.410	ug/l	
77) Bromobenzene	12.982	156	284621	66.241	ug/l	91
78) n-propylbenzene	13.041	91	1515961	78.406	ug/l	97
79) 2-Chlorotoluene	13.129	91	895923	71.353	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1052645	73.896	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	133524	72.260	ug/l #	87
82) 4-Chlorotoluene	13.224	91	889794	75.181	ug/l	99
83) tert-Butylbenzene	13.441	119	887479	75.500	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1045085	77.047	ug/l	100
85) sec-Butylbenzene	13.618	105	1245107	76.725	ug/l	98
86) p-Isopropyltoluene	13.735	119	1007833	77.982	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	527264	74.352	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	511055	71.444	ug/l	99
89) n-Butylbenzene	14.059	91	859961	84.098	ug/l	98
90) Hexachloroethane	14.335	117	198466	75.211	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	495652	70.763	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	72840	75.619	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	205739	84.039	ug/l	98
94) Hexachlorobutadiene	15.506	225	114818	58.952	ug/l	98
95) Naphthalene	15.647	128	623589	84.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	212903	73.119	ug/l	98

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APPROVED

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

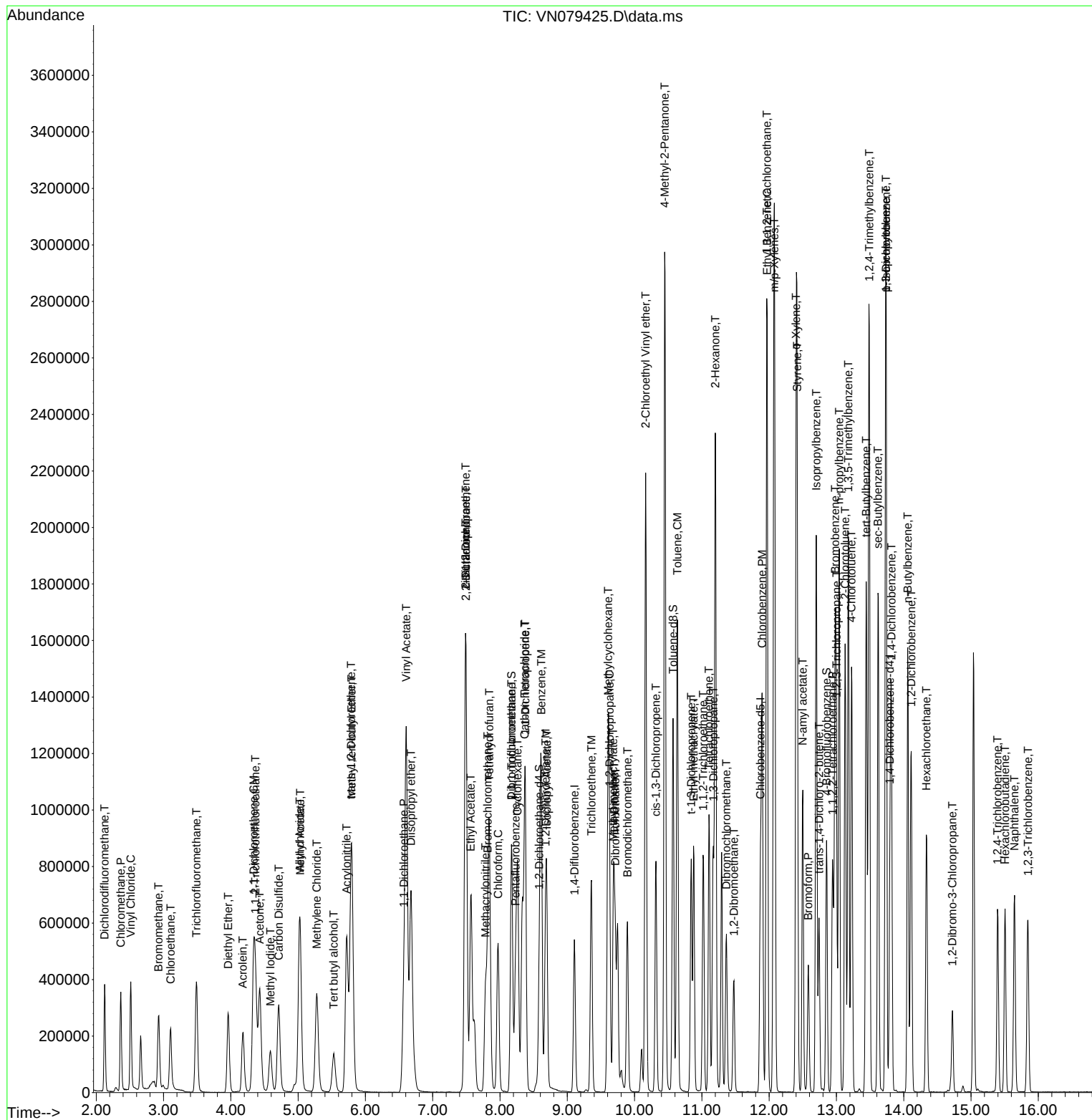
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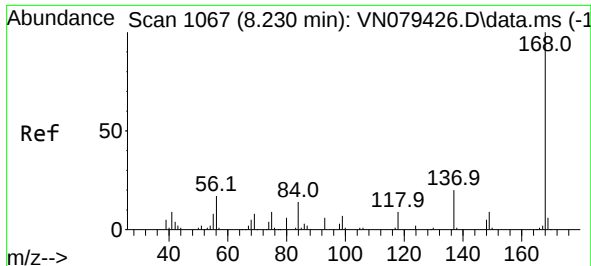
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MSVOA_N
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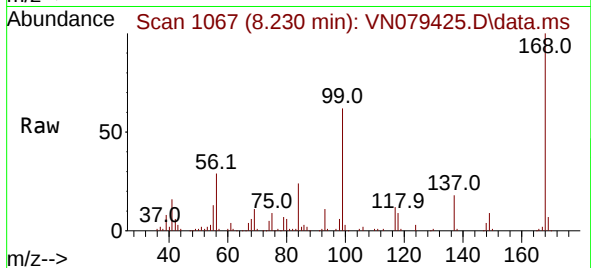
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079425.D
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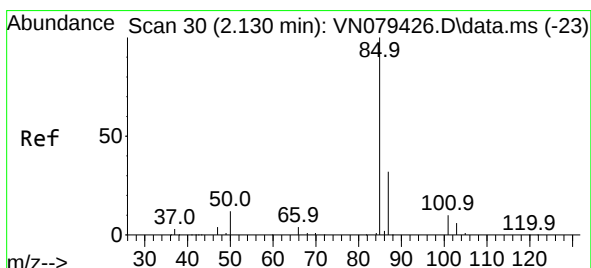
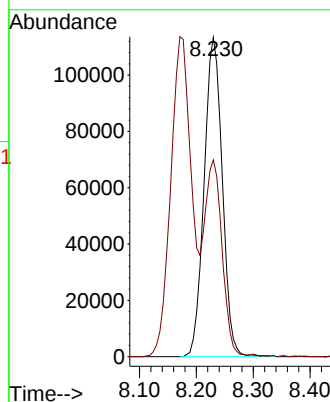
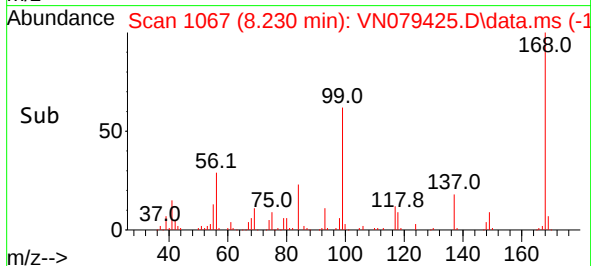
Tgt Ion:168 Resp: 25156
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6

Manual Integrations

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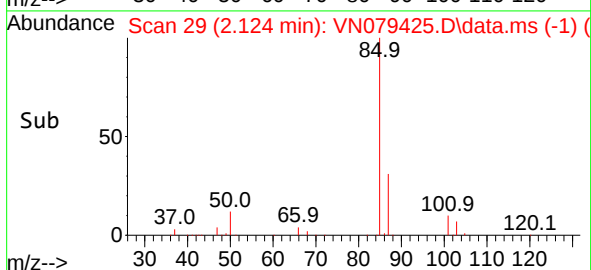
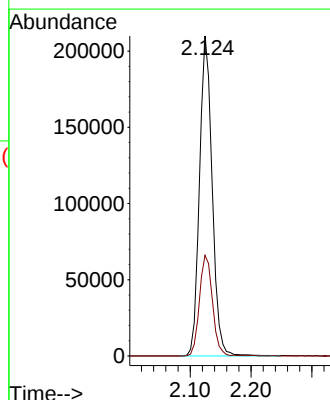
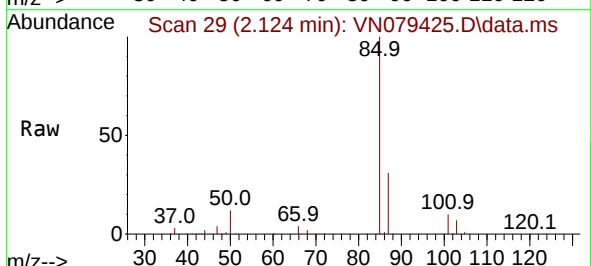
Reviewed By :John Carlone 10/06/2023

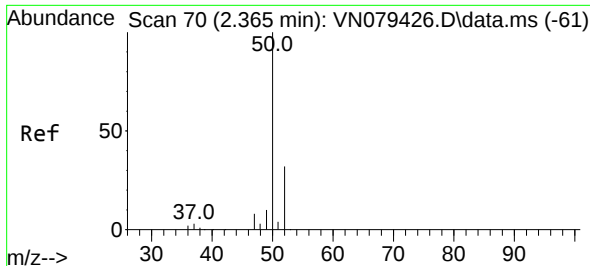
Supervised By :Mahesh Dadoda 10/06/2023



#2
Dichlorodifluoromethane
Concen: 111.090 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079425.D
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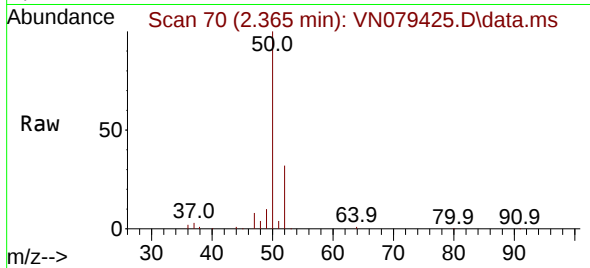
Tgt Ion: 85 Resp: 303702
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4





#3
Chloromethane
Concen: 95.757 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

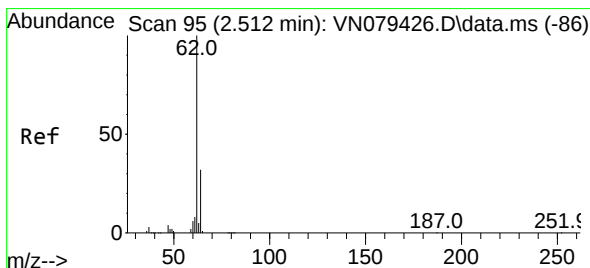
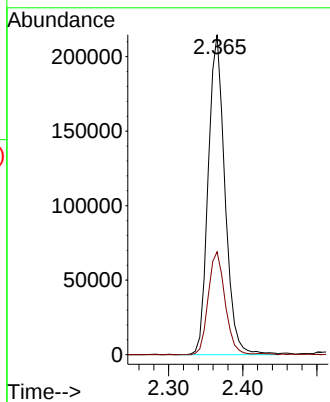
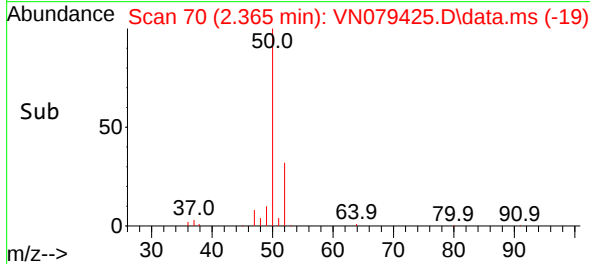
Instrument :
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Tgt Ion: 50 Resp: 33618
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7

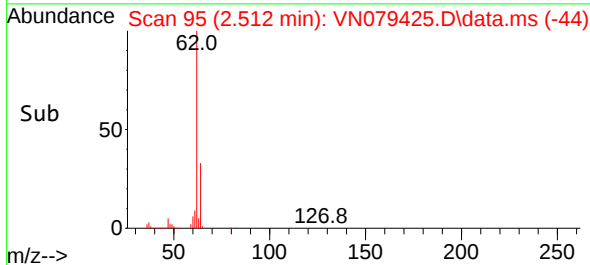
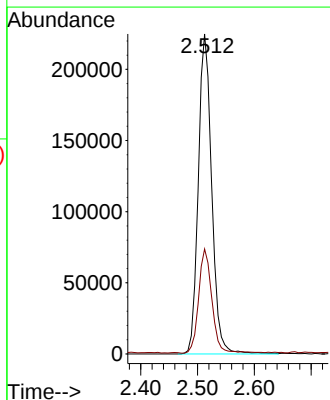
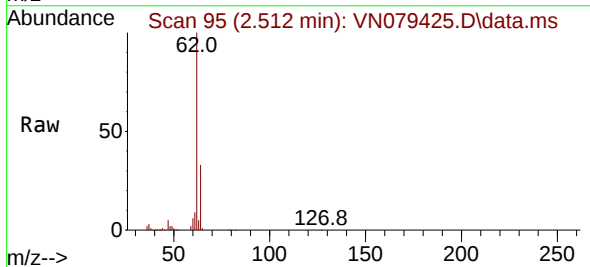
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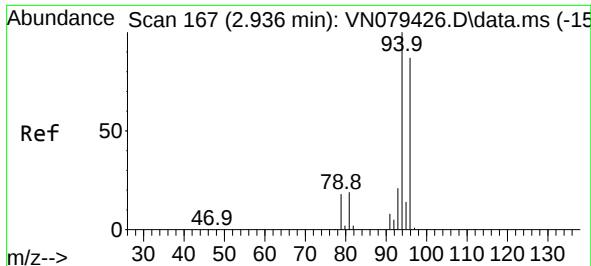
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#4
Vinyl Chloride
Concen: 97.372 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion: 62 Resp: 369178
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.2





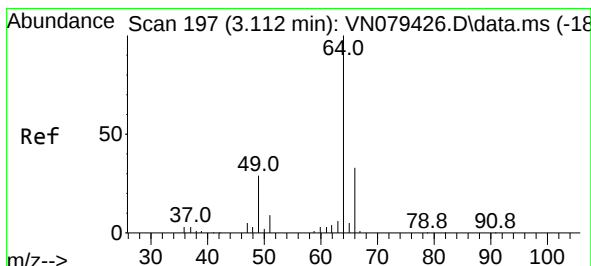
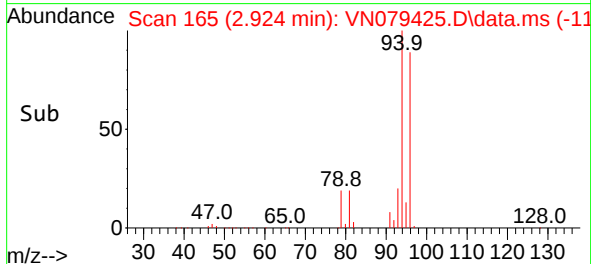
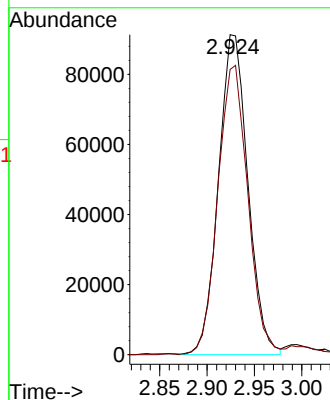
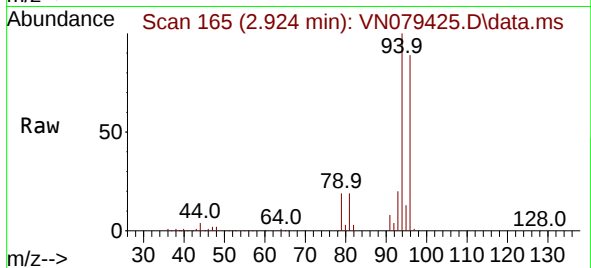
#5
Bromomethane
Concen: 89.831 ug/l
RT: 2.924 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN079425.D
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Tgt Ion: 94 Resp: 19778
Ion Ratio Lower Upper
94 100
96 89.0 73.1 109.7

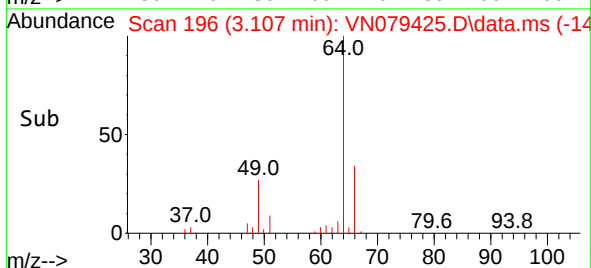
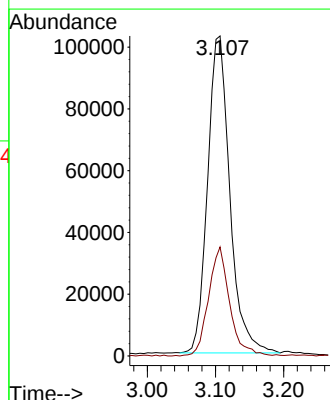
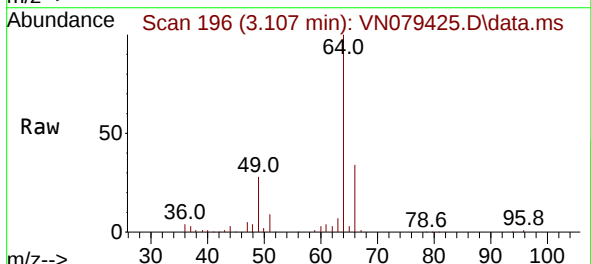
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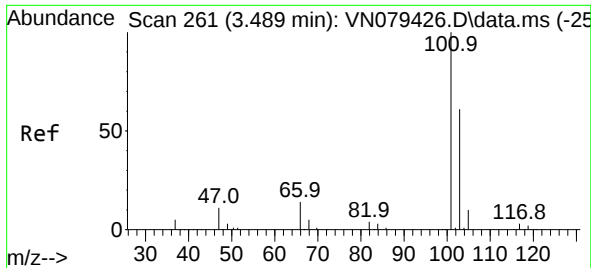
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#6
Chloroethane
Concen: 83.125 ug/l
RT: 3.107 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

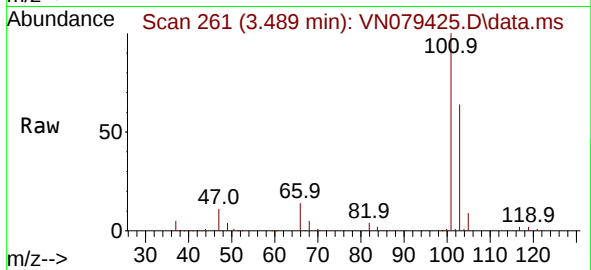
Tgt Ion: 64 Resp: 233138
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 80.503 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. 0.000 min
 Lab File: VN079425.D
 Acq: 05 Oct 2023 17:26

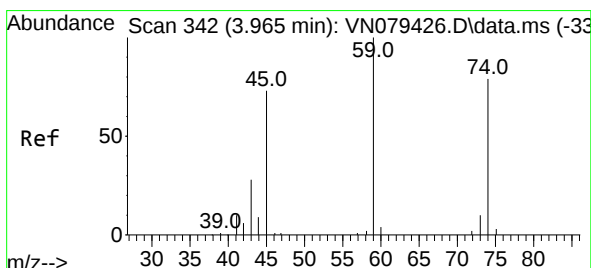
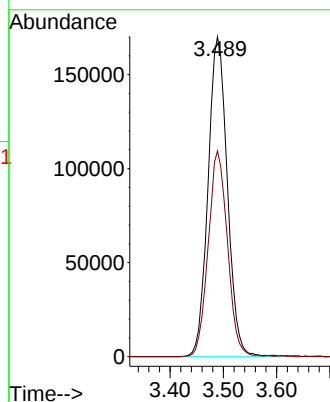
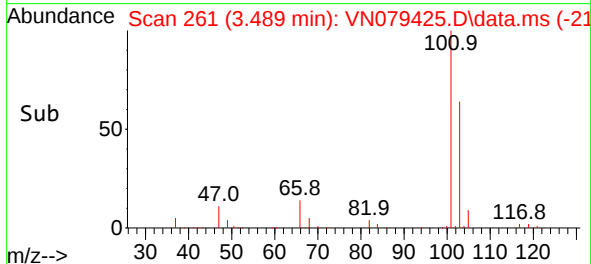
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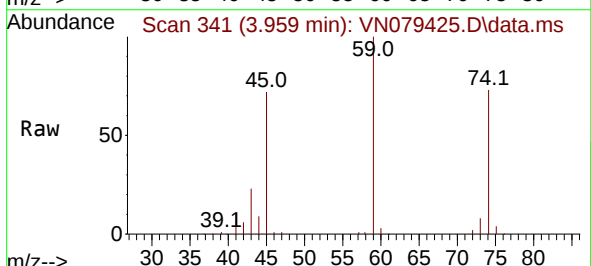
Tgt Ion:101 Resp: 427650
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.7 76.1

Manual Integrations
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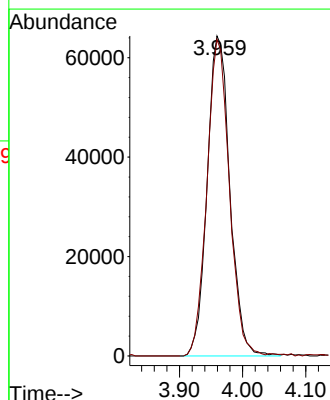
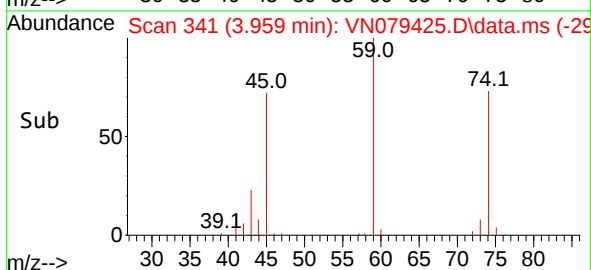
Reviewed By :John Carlone 10/06/2023
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#8
 Diethyl Ether
 Concen: 86.856 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079425.D
 Acq: 05 Oct 2023 17:26



Tgt Ion: 74 Resp: 160955
 Ion Ratio Lower Upper
 74 100
 45 97.6 34.4 103.3





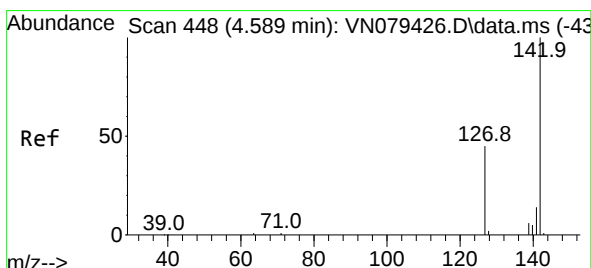
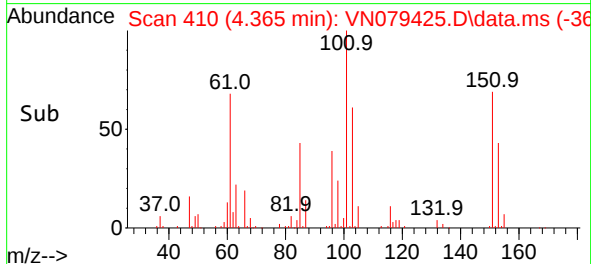
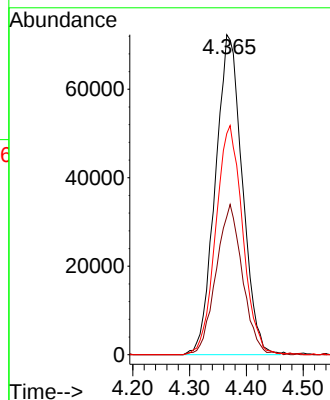
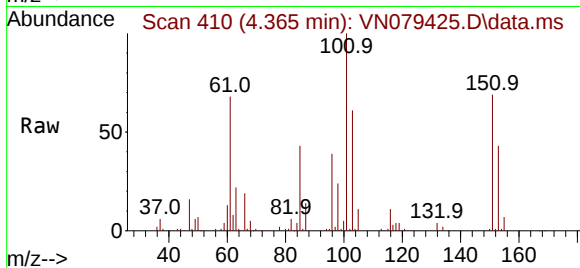
#9
1,1,2-Trichlorotrifluoroethane
Concen: 83.631 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 23845
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 71.5 57.6 86.4

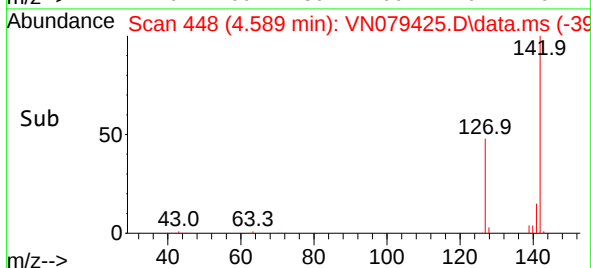
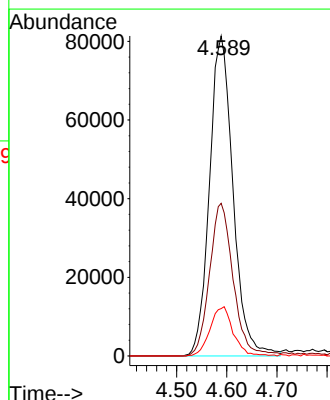
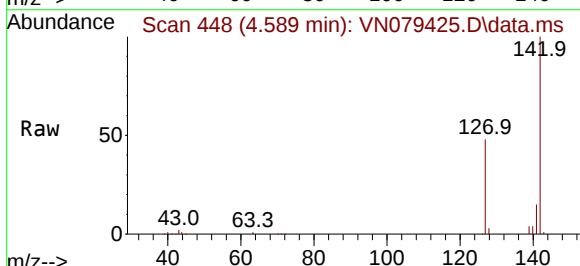
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#10
Methyl Iodide
Concen: 109.670 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion:142 Resp: 265432
Ion Ratio Lower Upper
142 100
127 47.7 37.6 56.4
141 14.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 359.508 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

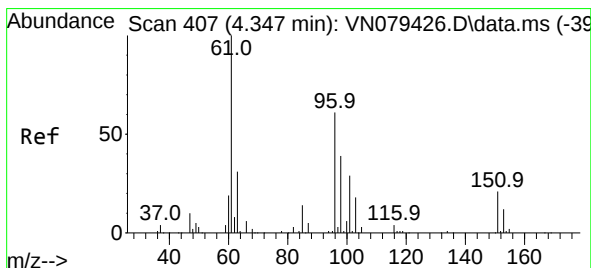
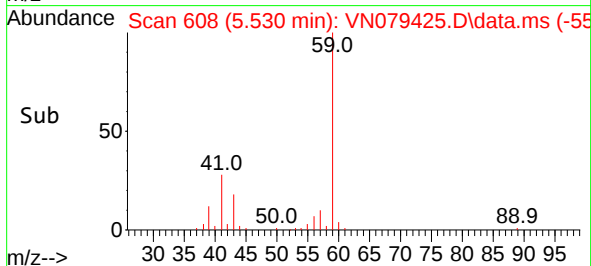
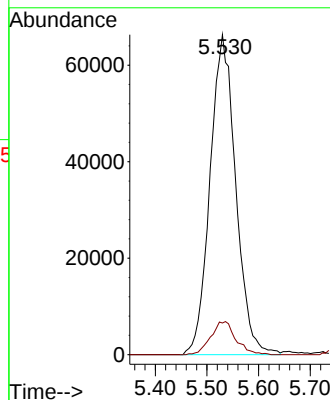
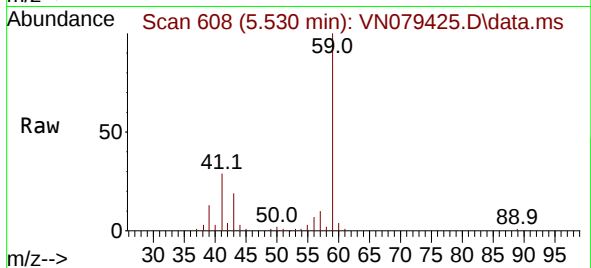
VSTDICC075

Tgt Ion: 59 Resp: 22918
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

Manual Integrations

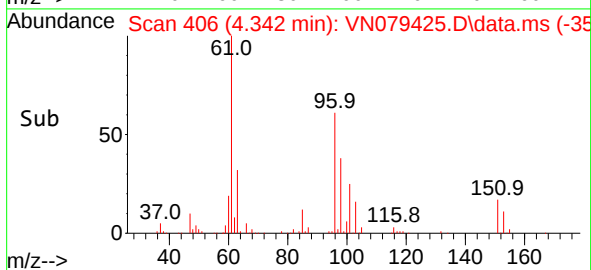
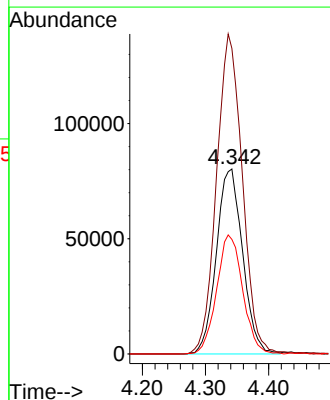
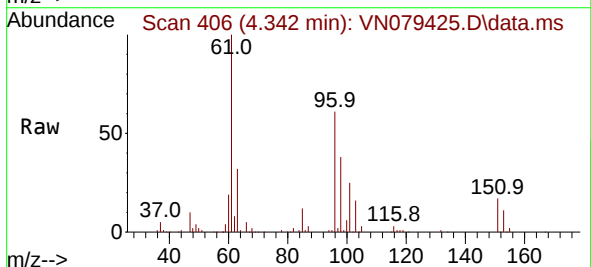
APPROVED

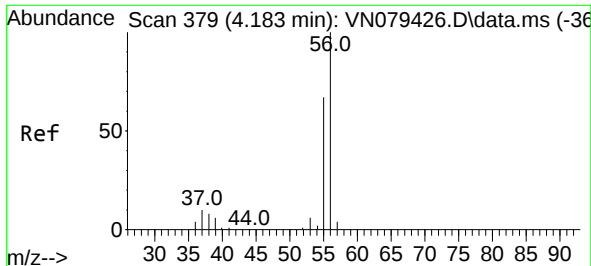
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#12
1,1-Dichloroethene
Concen: 84.278 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion: 96 Resp: 231591
Ion Ratio Lower Upper
96 100
61 165.2 112.7 169.1
98 62.0 51.2 76.8





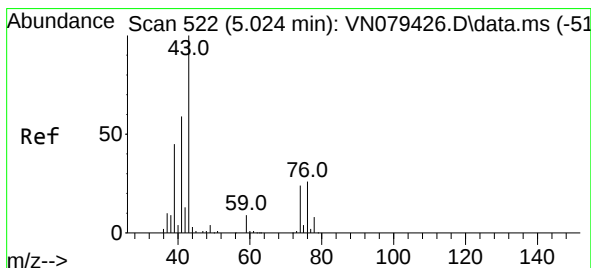
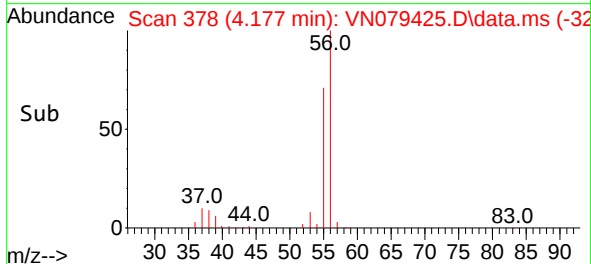
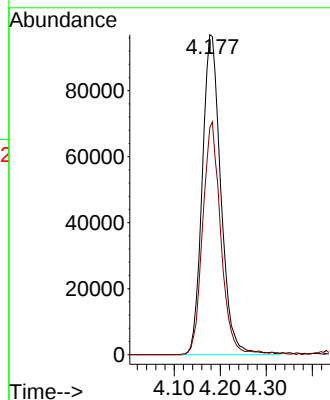
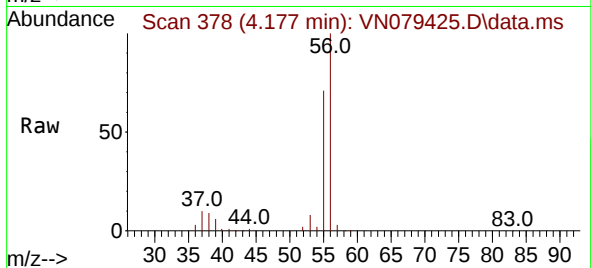
#13
Acrolein
Concen: 445.966 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 56 Resp: 27260
Ion Ratio Lower Upper
56 100
55 70.4 54.5 81.7

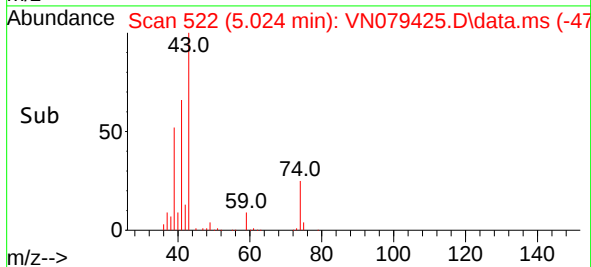
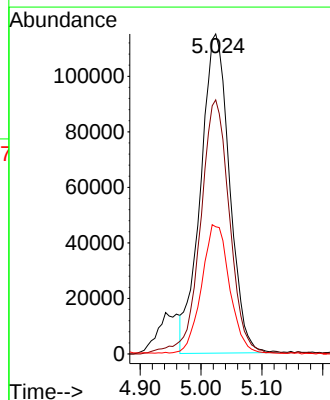
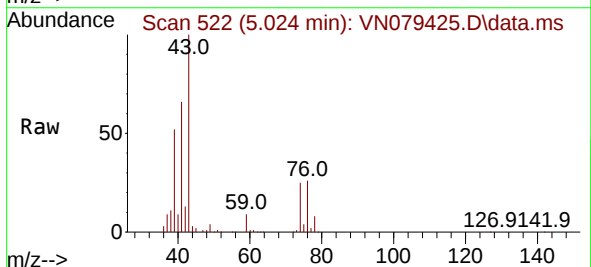
Manual Integrations
APPROVED

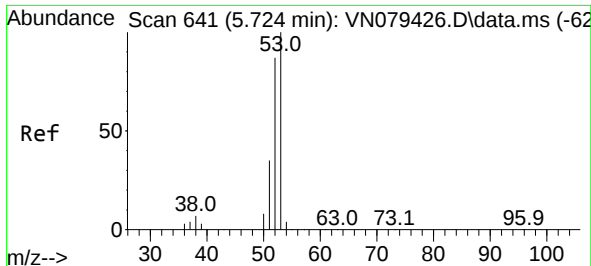
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#14
Allyl chloride
Concen: 86.338 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion: 41 Resp: 379320
Ion Ratio Lower Upper
41 100
39 79.9 58.8 88.2
76 38.9 39.1 58.7#





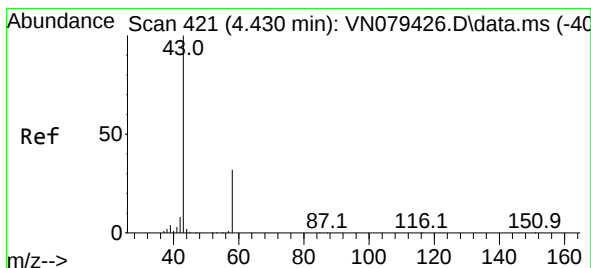
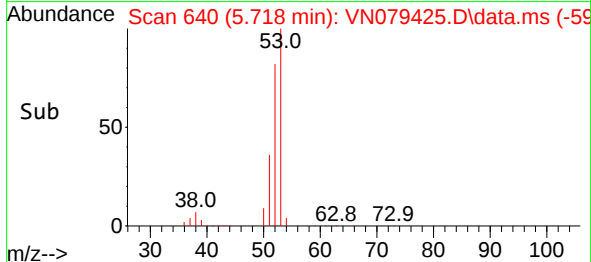
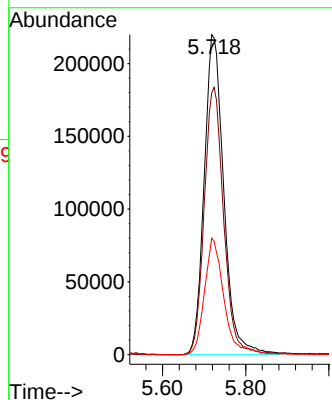
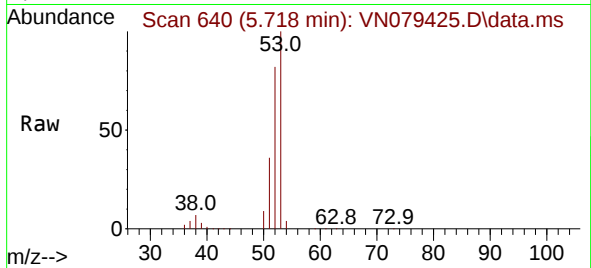
#15
Acrylonitrile
Concen: 430.629 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 53 Resp: 720754
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.1 28.9 43.3

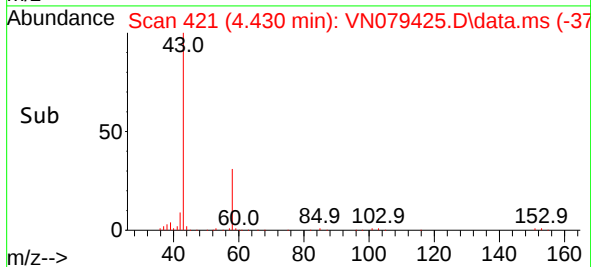
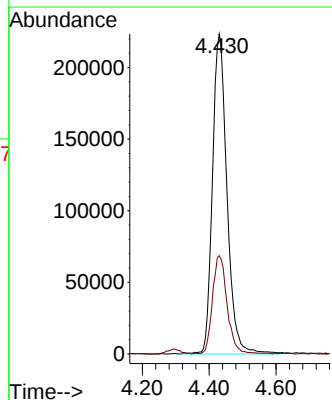
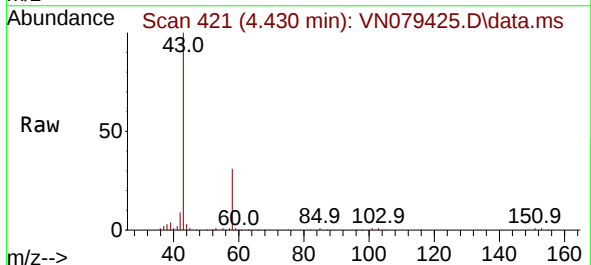
Manual Integrations
APPROVED

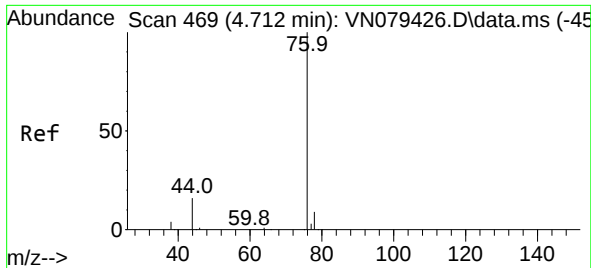
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#16
Acetone
Concen: 451.117 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

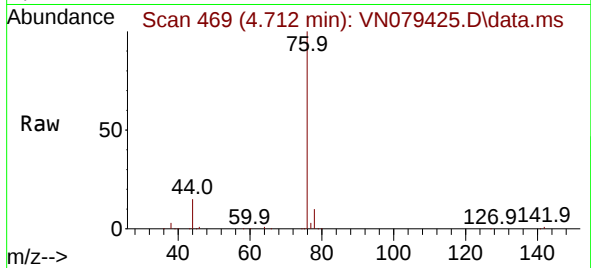
Tgt Ion: 43 Resp: 672695
Ion Ratio Lower Upper
43 100
58 30.5 28.0 42.0





#17
Carbon Disulfide
Concen: 81.307 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

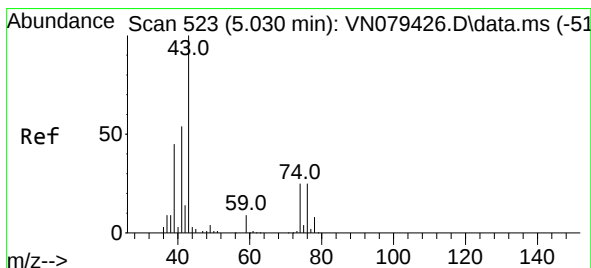
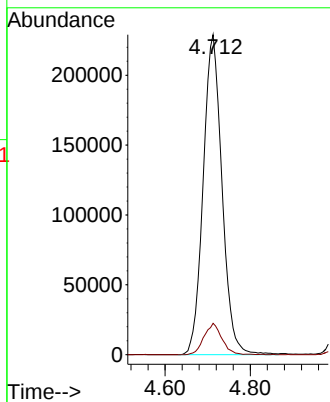
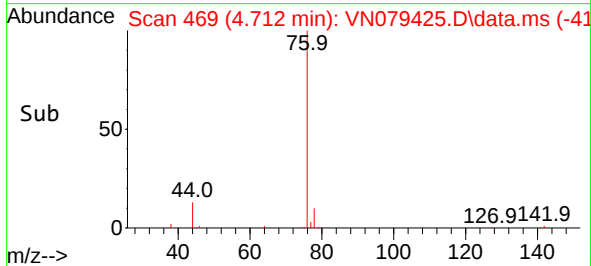
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 76 Resp: 703378
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

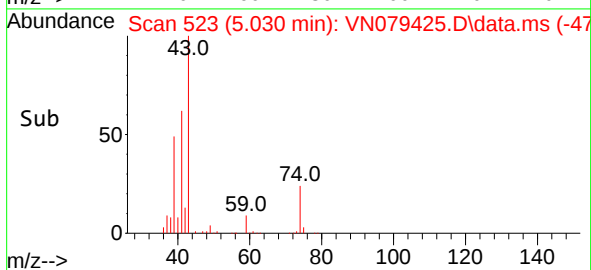
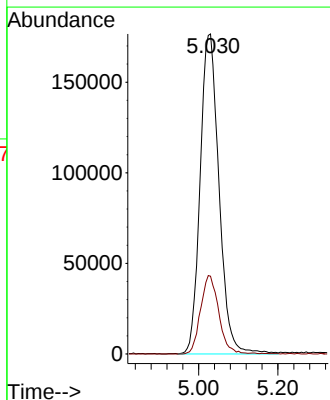
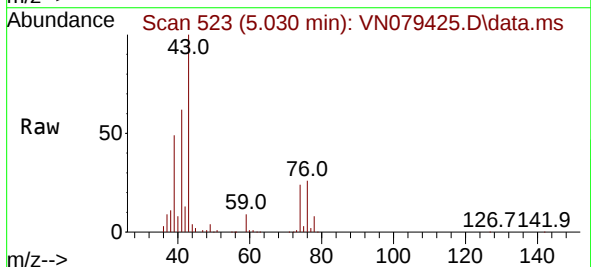
Manual Integrations
APPROVED

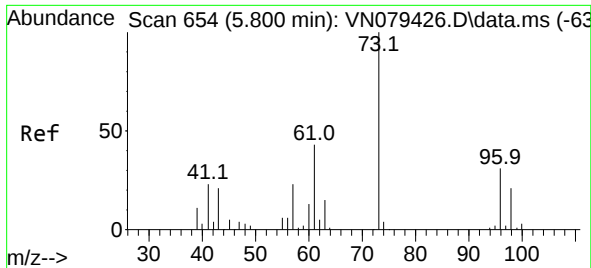
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#18
Methyl Acetate
Concen: 92.921 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion: 43 Resp: 583528
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#





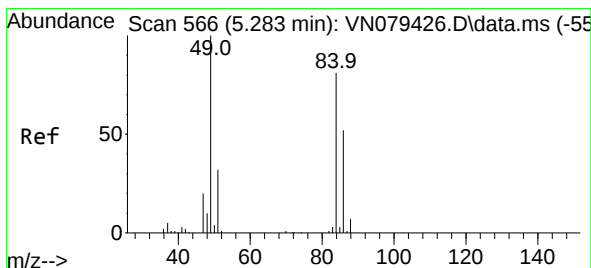
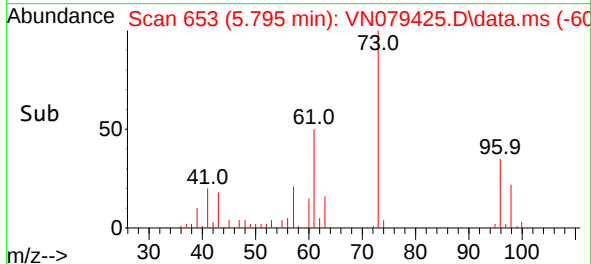
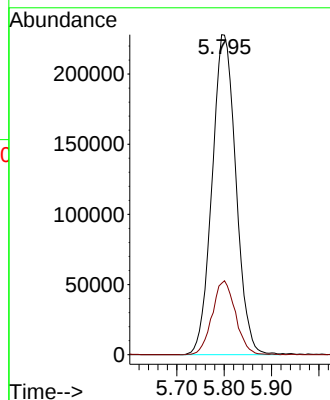
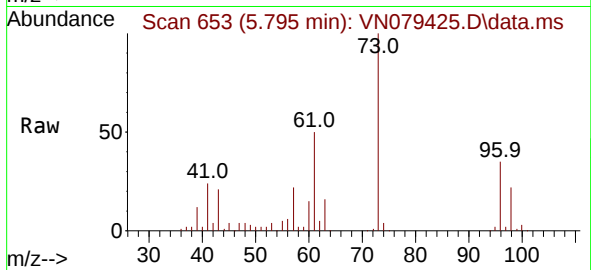
#19
Methyl tert-butyl Ether
Concen: 85.346 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 73 Resp: 79869
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4

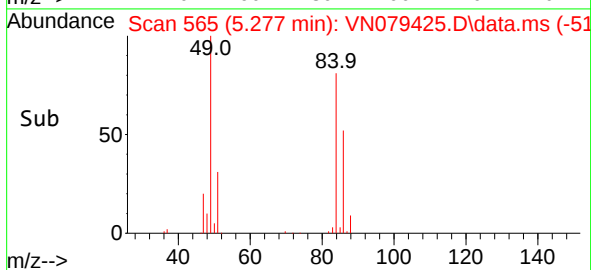
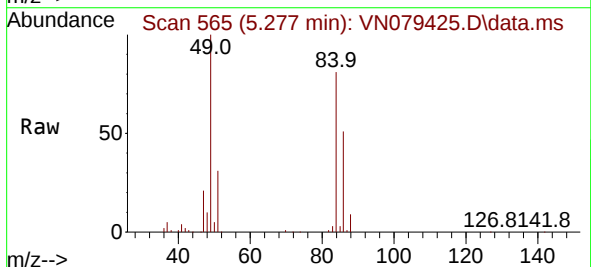
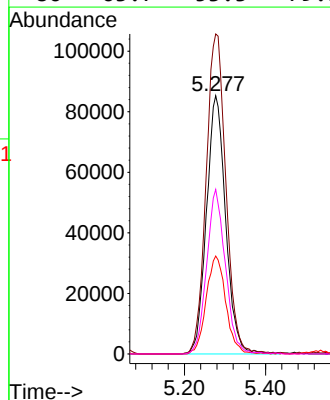
Manual Integrations
APPROVED

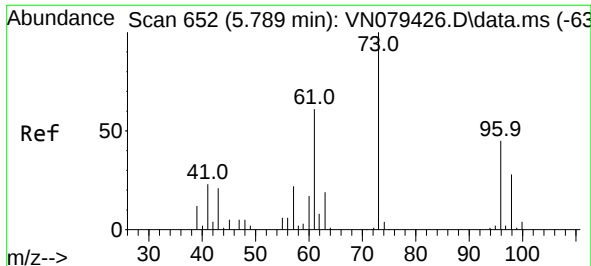
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#20
Methylene Chloride
Concen: 78.281 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

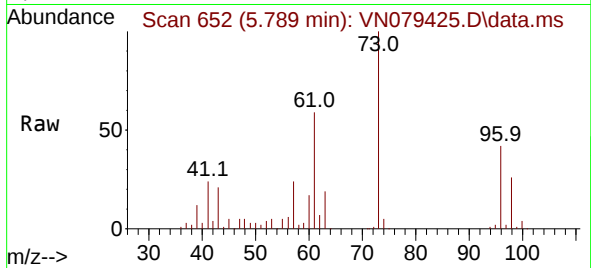
Tgt Ion: 84 Resp: 280015
Ion Ratio Lower Upper
84 100
49 123.9 79.7 119.5#
51 37.9 25.2 37.8#
86 63.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 82.025 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

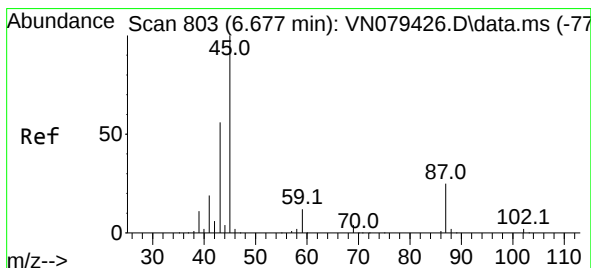
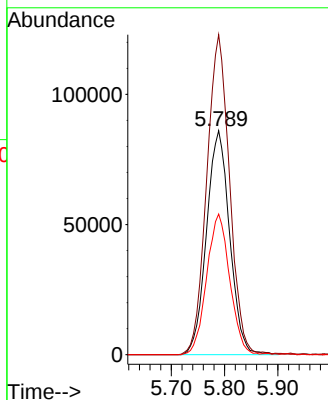
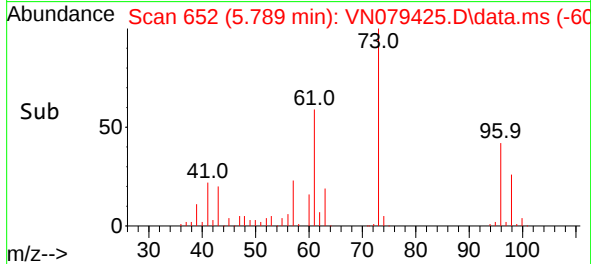
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 96 Resp: 25978
Ion Ratio Lower Upper
96 100
61 142.8 90.1 135.1
98 62.8 46.4 69.6

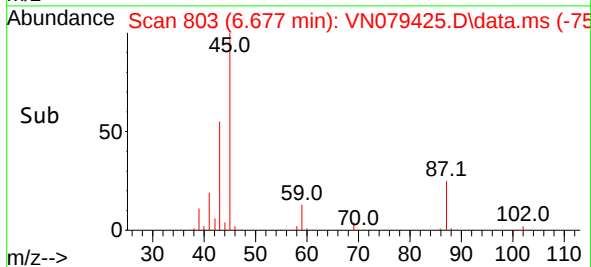
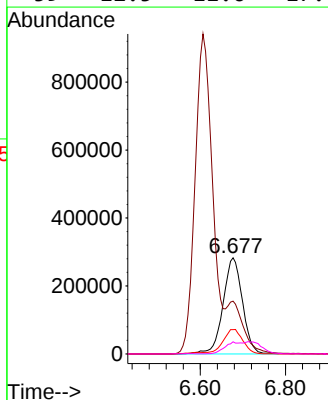
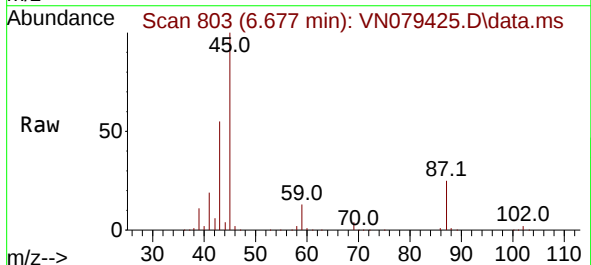
Manual Integrations
APPROVED

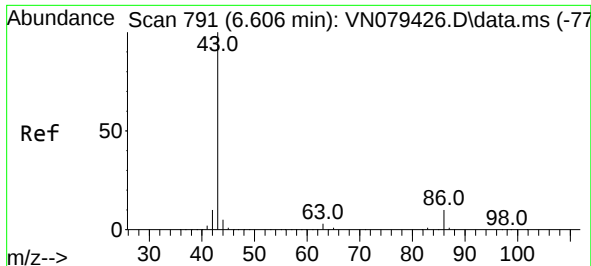
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#22
Diisopropyl ether
Concen: 92.630 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion: 45 Resp: 896554
Ion Ratio Lower Upper
45 100
43 54.1 45.5 68.3
87 25.2 31.8 47.8
59 12.5 11.6 17.4





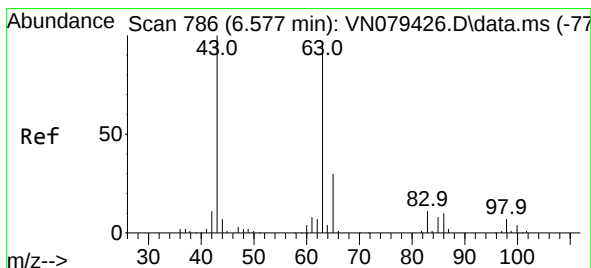
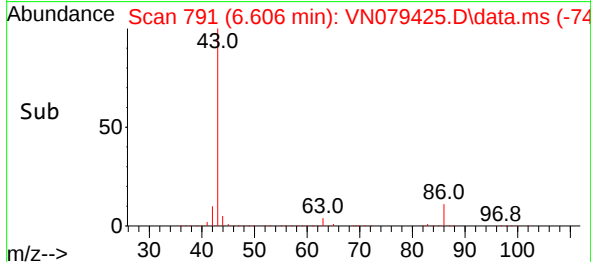
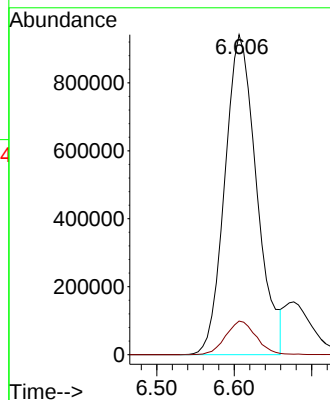
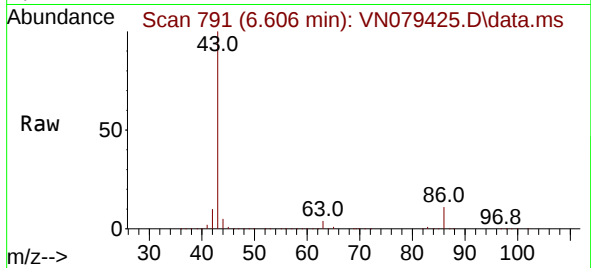
#23
 Vinyl Acetate
 Concen: 455.577 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079425.D
 Acq: 05 Oct 2023 17:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Tgt Ion: 43 Resp: 2690179
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6

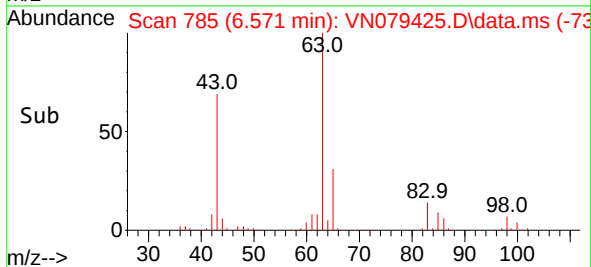
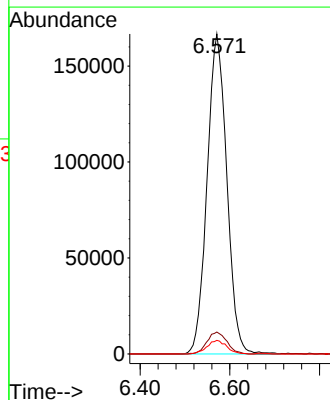
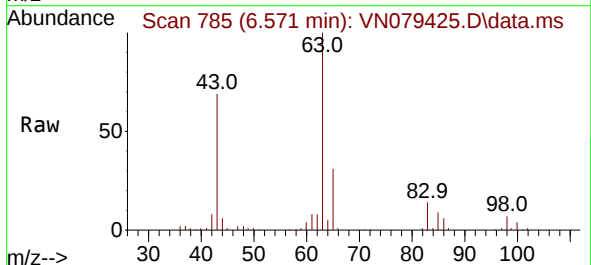
Manual Integrations
 APPROVED

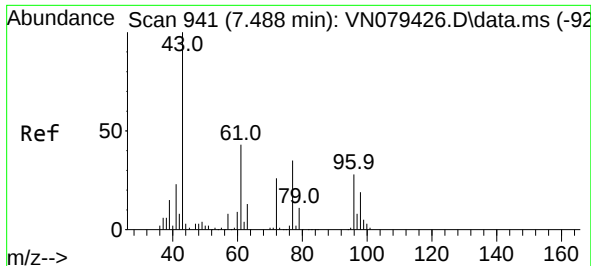
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#24
 1,1-Dichloroethane
 Concen: 85.623 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079425.D
 Acq: 05 Oct 2023 17:26

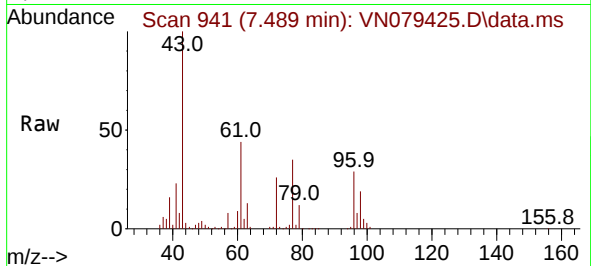
Tgt Ion: 63 Resp: 508551
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 458.729 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

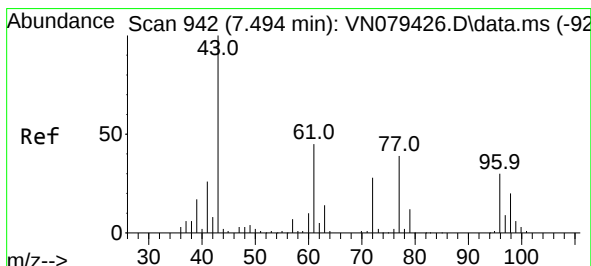
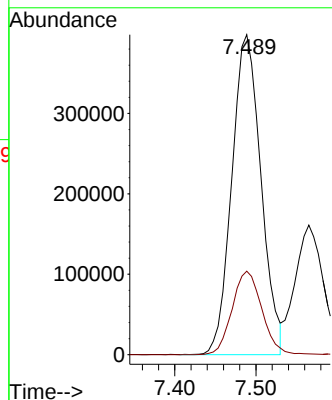
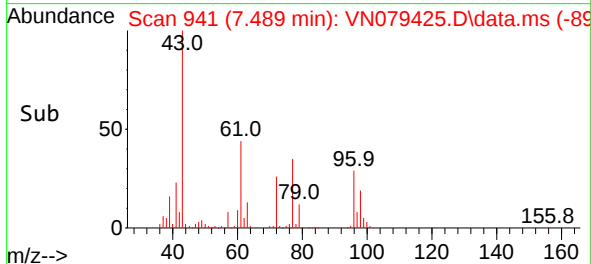
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 43 Resp: 99578
Ion Ratio Lower Upper
43 100
72 26.1 30.2 45.2

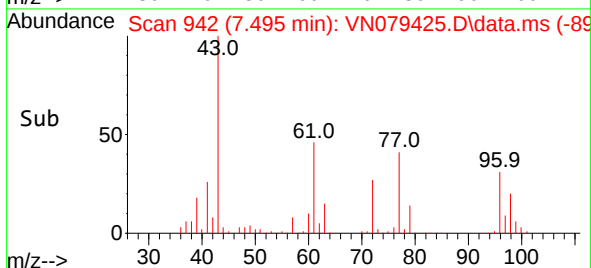
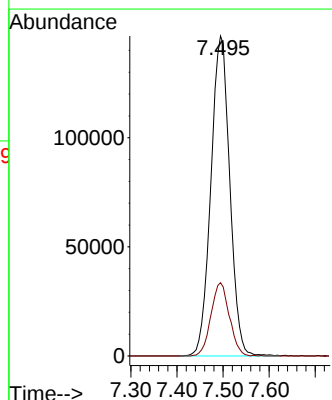
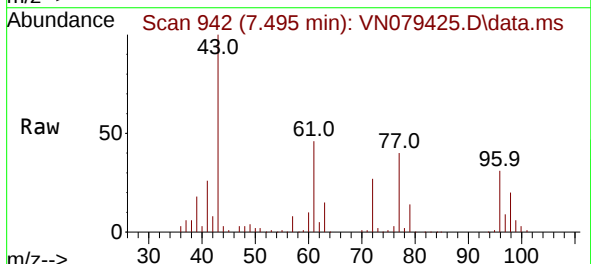
Manual Integrations
APPROVED

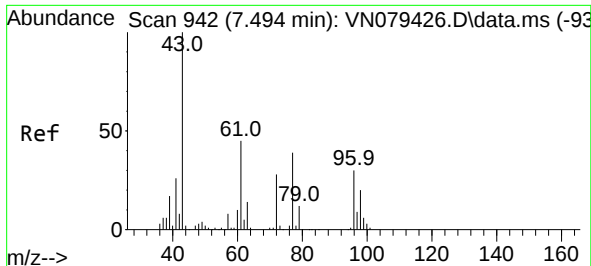
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#26
2,2-Dichloropropane
Concen: 86.607 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion: 77 Resp: 417753
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 83.465 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 96 Resp: 300569

Ion Ratio Lower Upper

96 100

61 152.3 0.0 255.2

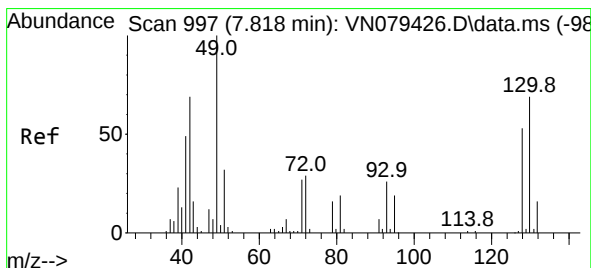
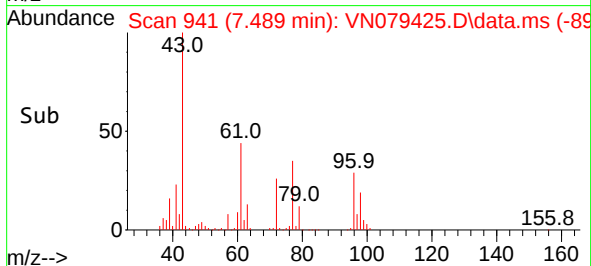
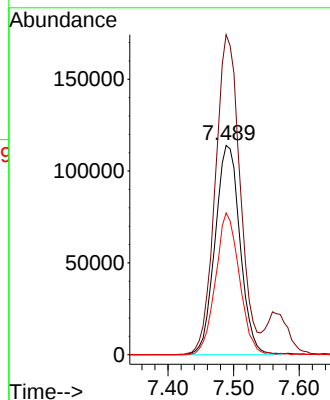
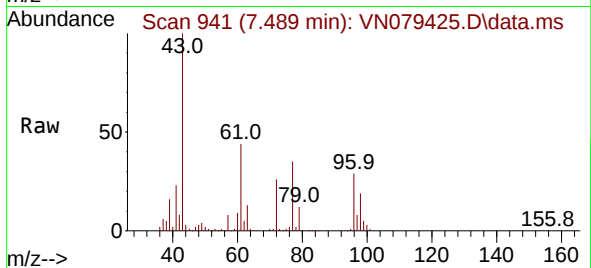
98 64.8 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#28

Bromochloromethane

Concen: 90.099 ug/l

RT: 7.818 min Scan# 997

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

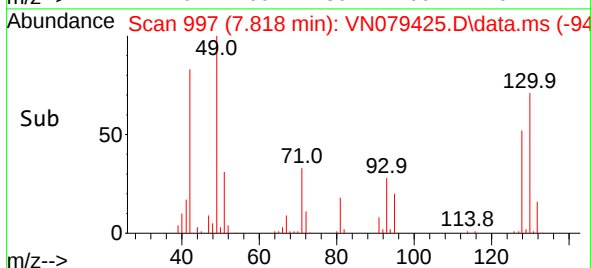
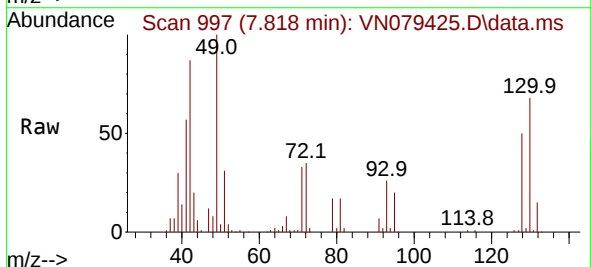
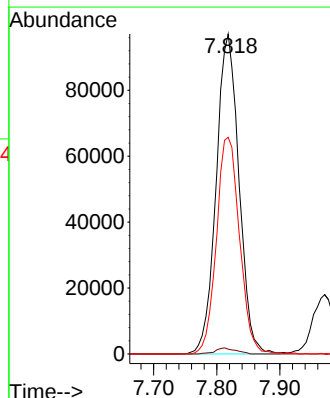
Tgt Ion: 49 Resp: 243535

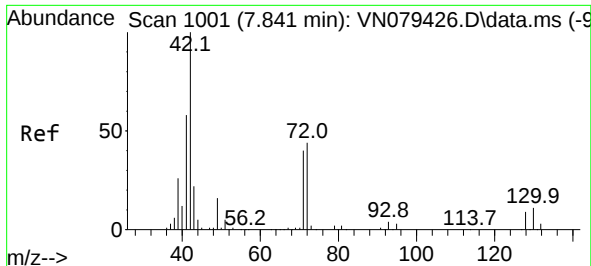
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.8

130 68.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 466.515 ug/l

RT: 7.842 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 42 Resp: 645040

Ion Ratio Lower Upper

42 100

72 44.1 49.8 74.6

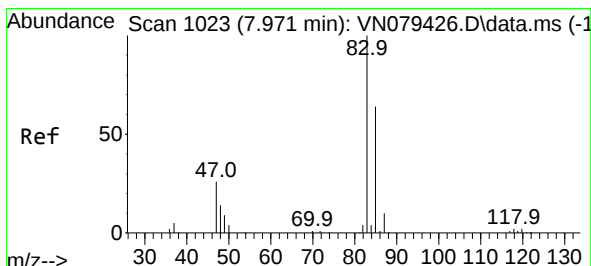
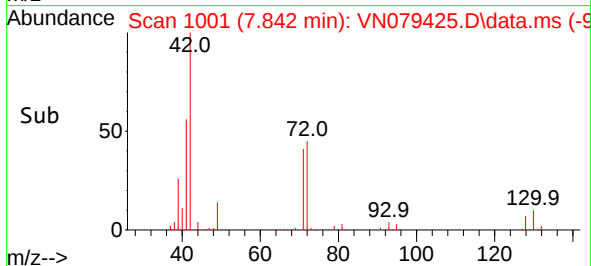
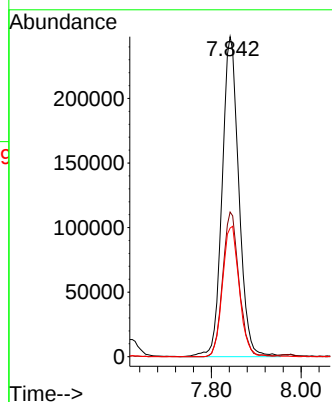
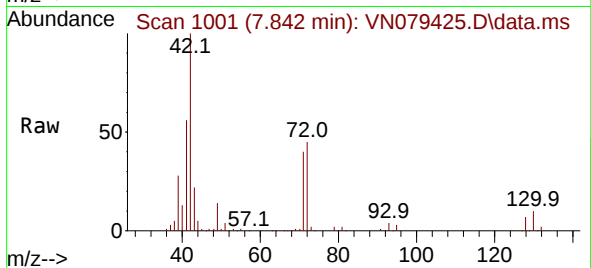
71 40.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#30

Chloroform

Concen: 82.968 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079425.D

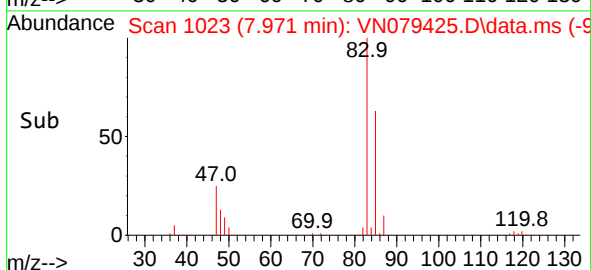
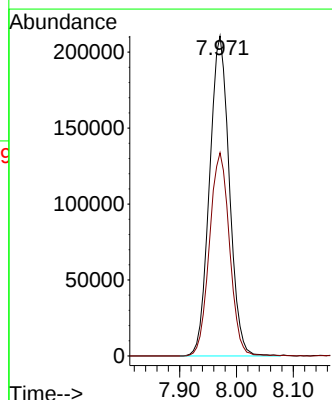
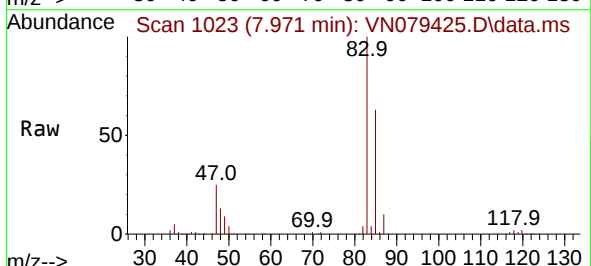
Acq: 05 Oct 2023 17:26

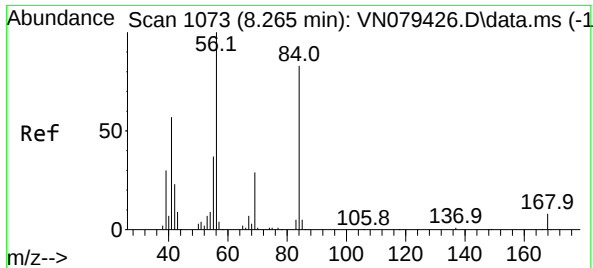
Tgt Ion: 83 Resp: 509519

Ion Ratio Lower Upper

83 100

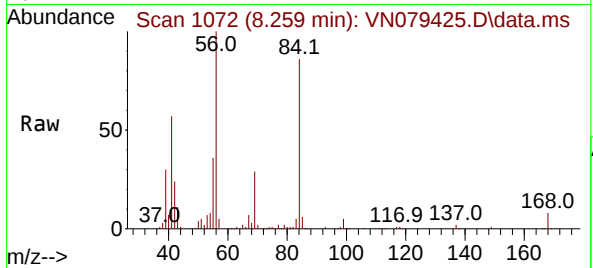
85 63.5 55.4 83.0





#31
Cyclohexane
Concen: 85.245 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

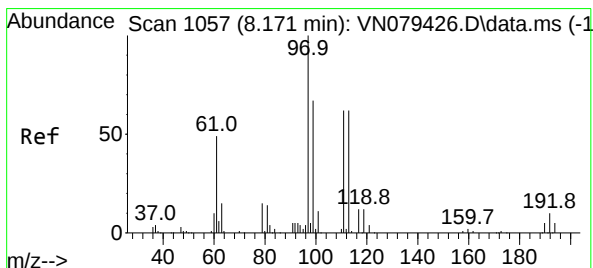
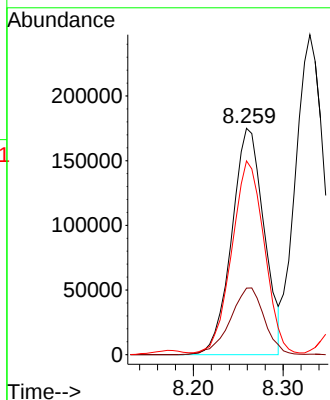
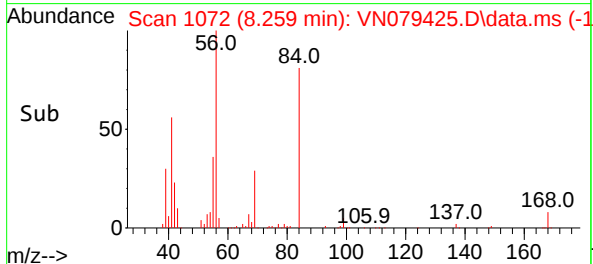
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



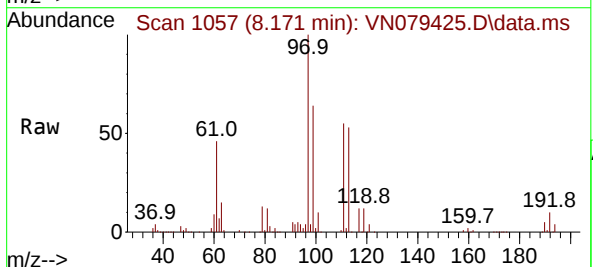
Tgt Ion: 56 Resp: 43829
Ion Ratio Lower Upper
56 100
69 29.4 26.8 40.2
84 84.0 81.8 122.6

Manual Integrations
APPROVED

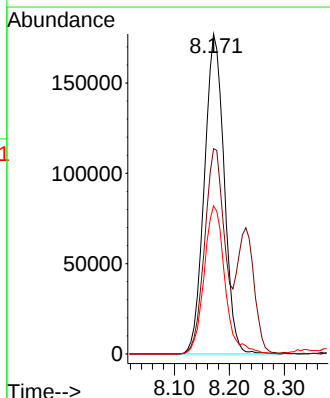
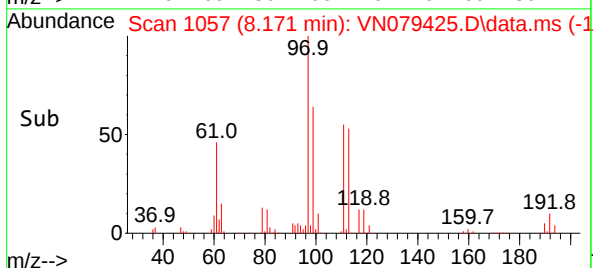
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

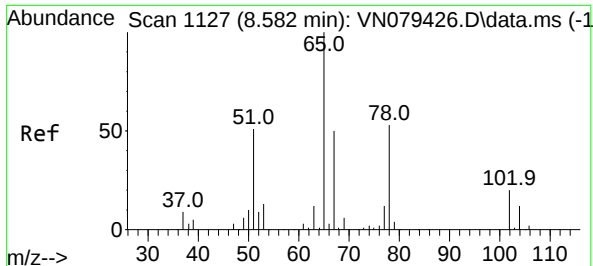


#32
1,1,1-Trichloroethane
Concen: 84.891 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26



Tgt Ion: 97 Resp: 442779
Ion Ratio Lower Upper
97 100
99 65.9 50.3 75.5
61 48.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 83.503 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 65 Resp: 290150

Ion Ratio Lower Upper

65 100

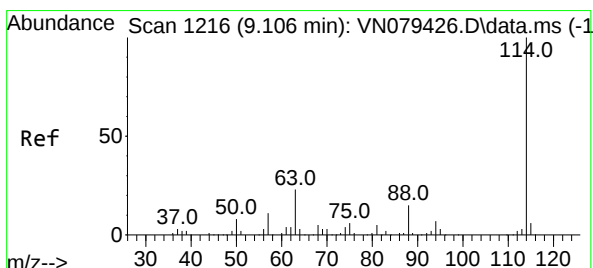
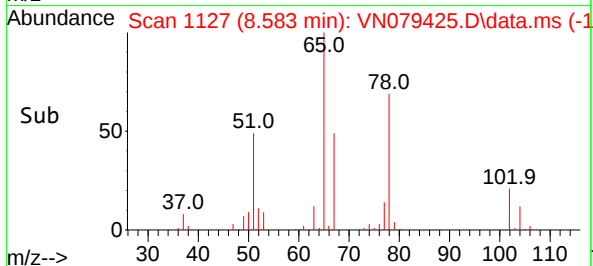
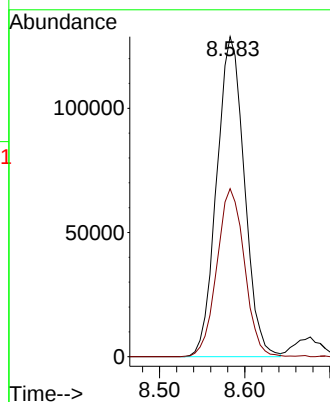
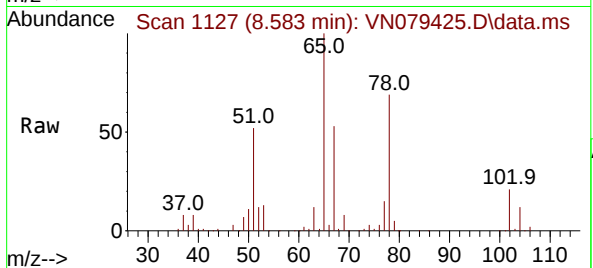
67 52.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

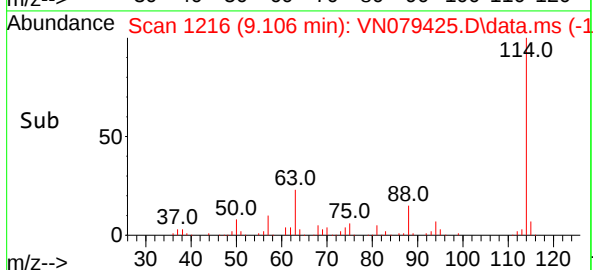
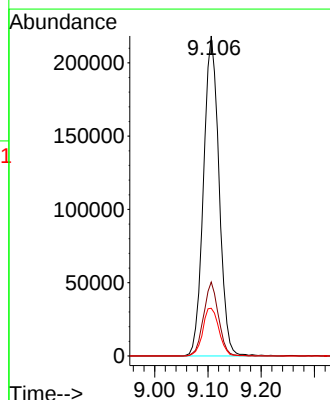
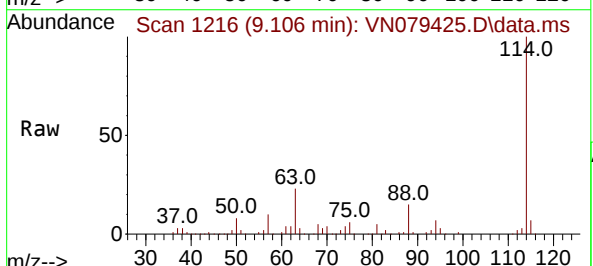
Tgt Ion:114 Resp: 441454

Ion Ratio Lower Upper

114 100

63 23.1 0.0 36.4

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 76.216 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 113 Resp: 222775

Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

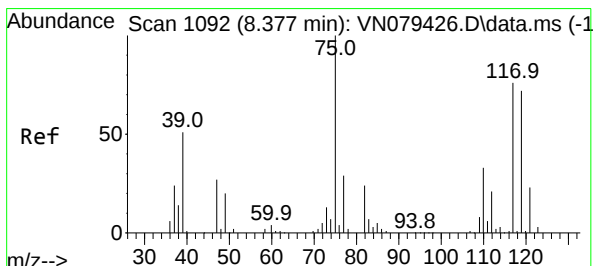
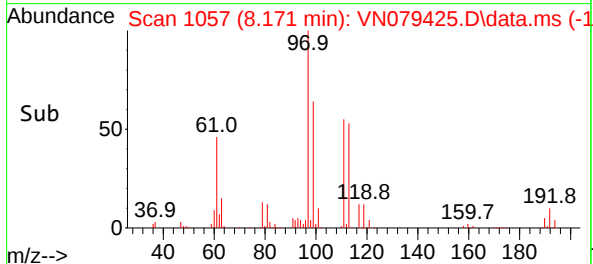
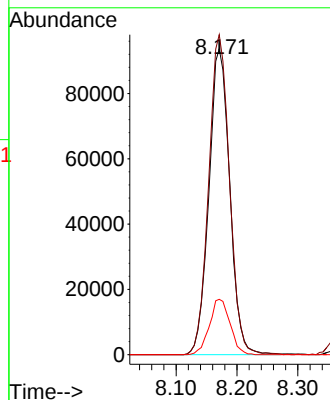
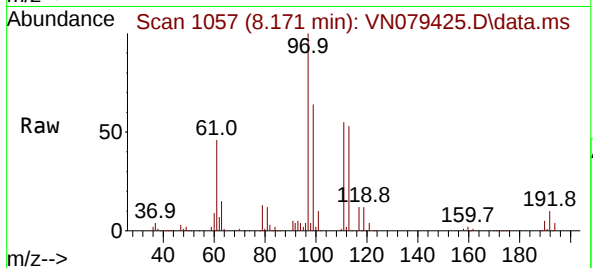
192 17.9 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#36

1,1-Dichloropropene

Concen: 85.117 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

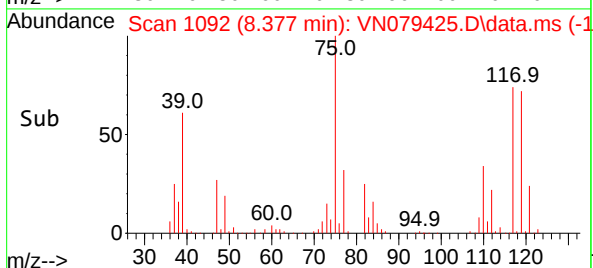
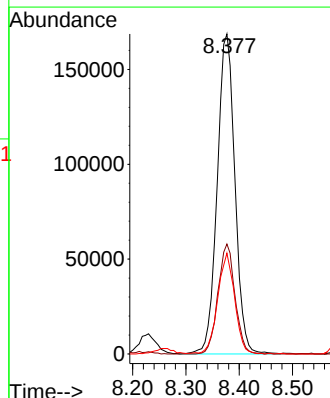
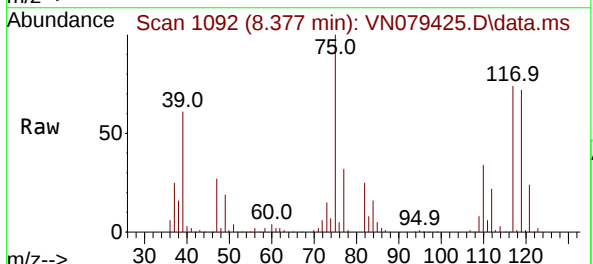
Tgt Ion: 75 Resp: 389488

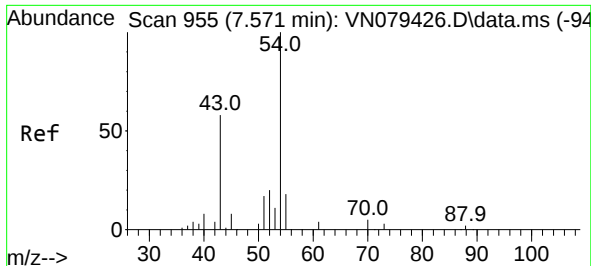
Ion Ratio Lower Upper

75 100

110 33.0 19.1 57.3

77 30.0 25.0 37.4





#37

Ethyl Acetate

Concen: 88.154 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 43 Resp: 405369

Ion Ratio Lower Upper

43 100

61 12.9 13.2 19.8

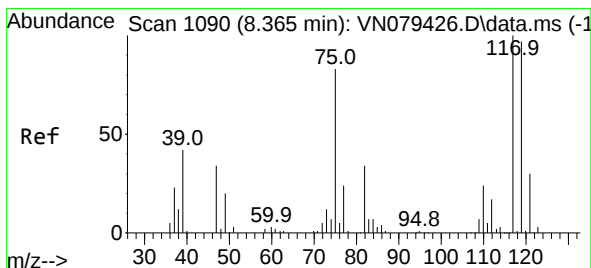
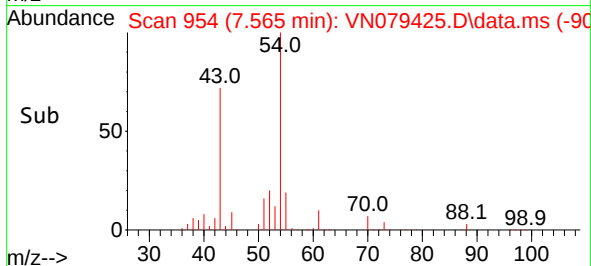
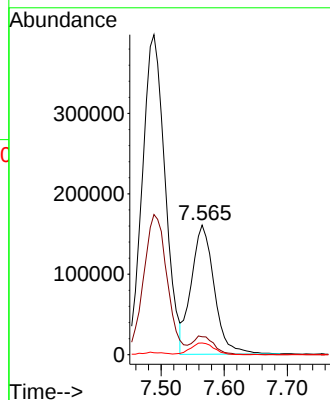
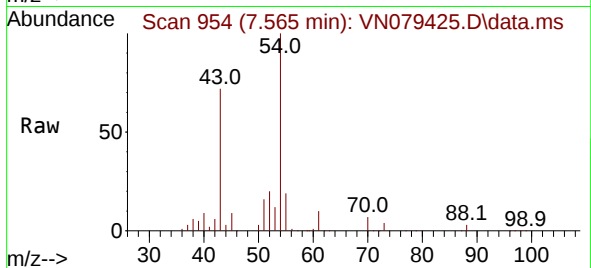
70 9.3 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#38

Carbon Tetrachloride

Concen: 81.449 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

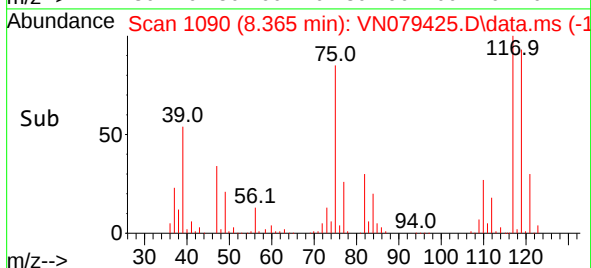
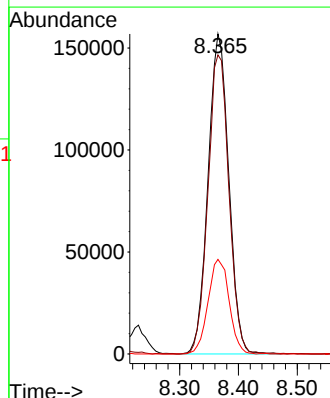
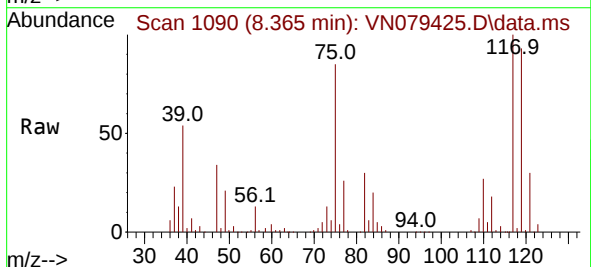
Tgt Ion:117 Resp: 383990

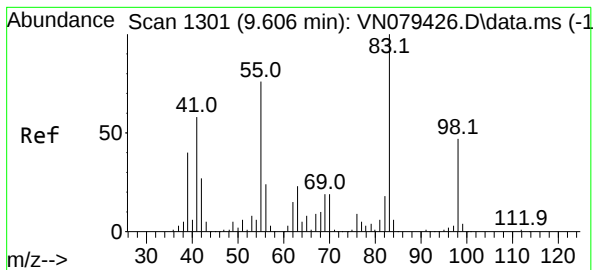
Ion Ratio Lower Upper

117 100

119 93.4 77.3 115.9

121 29.6 23.3 34.9





#39
Methylcyclohexane
Concen: 90.720 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

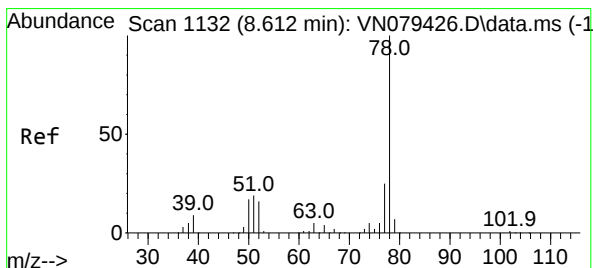
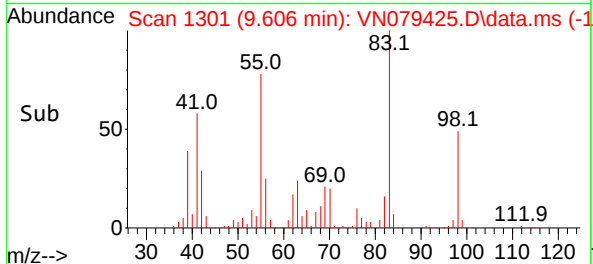
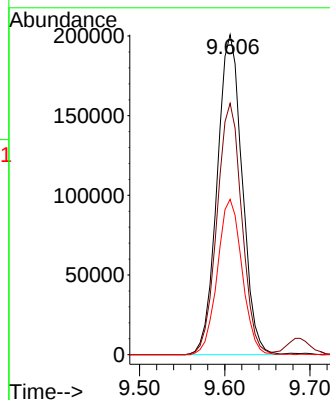
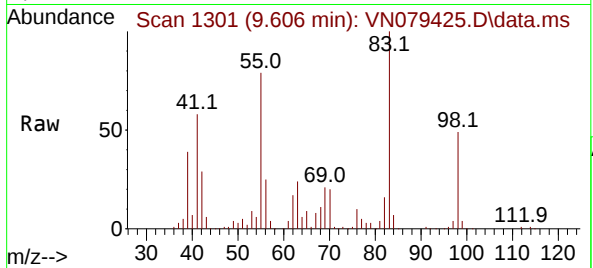
Tgt Ion: 83 Resp: 40954
Ion Ratio Lower Upper
83 100
55 78.6 49.1 73.7
98 48.5 40.6 61.0

Manual Integrations

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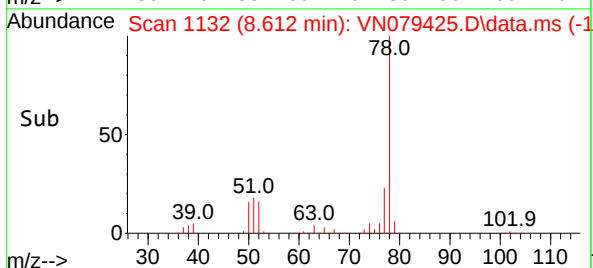
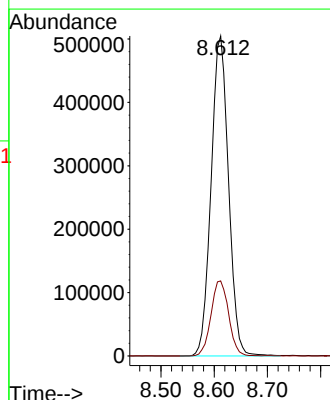
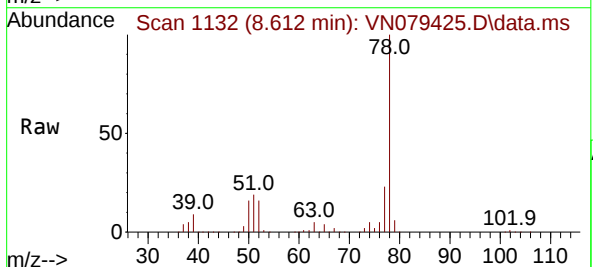
Reviewed By :John Carlone 10/06/2023

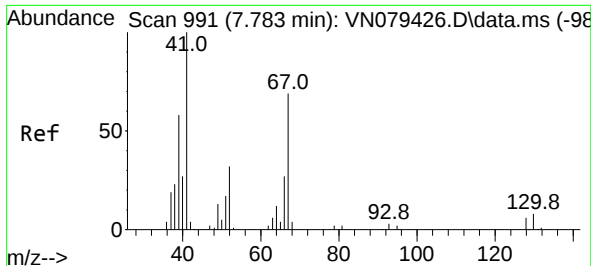
Supervised By :Mahesh Dadoda 10/06/2023



#40
Benzene
Concen: 82.227 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

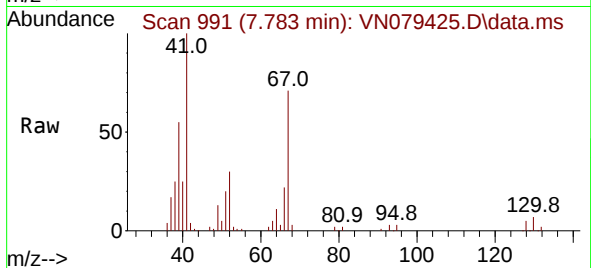
Tgt Ion: 78 Resp: 1145720
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 87.091 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

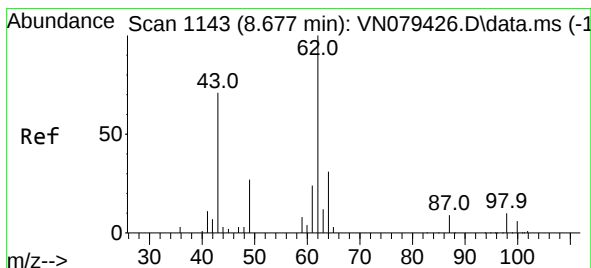
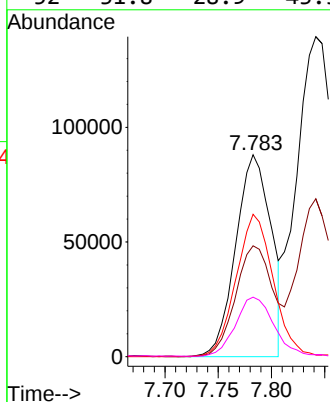
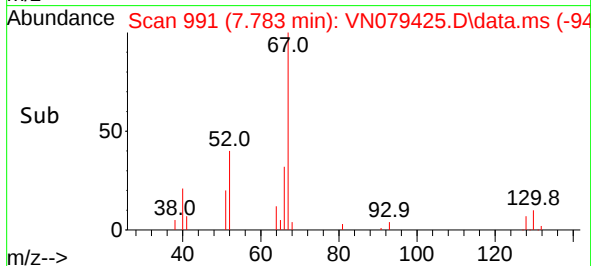
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



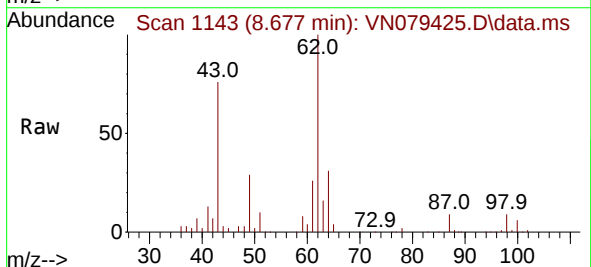
Tgt Ion: 41 Resp: 20292
Ion Ratio Lower Upper
41 100
39 59.8 42.6 64.0
67 74.6 77.5 116.3
52 31.8 28.9 43.3

Manual Integrations
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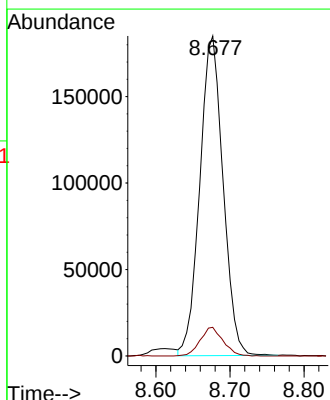
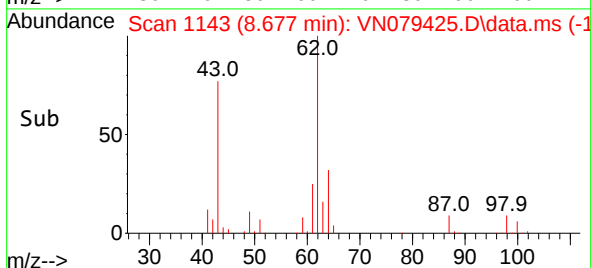
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

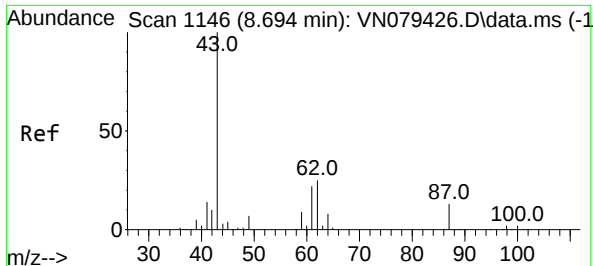


#42
1,2-Dichloroethane
Concen: 83.265 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26



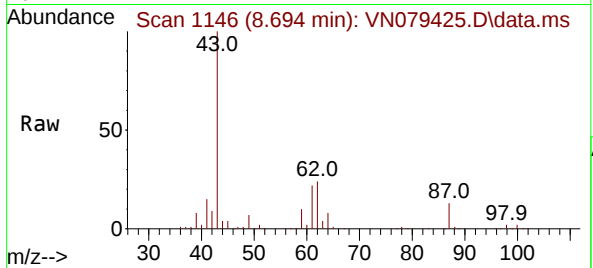
Tgt Ion: 62 Resp: 402813
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 88.670 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

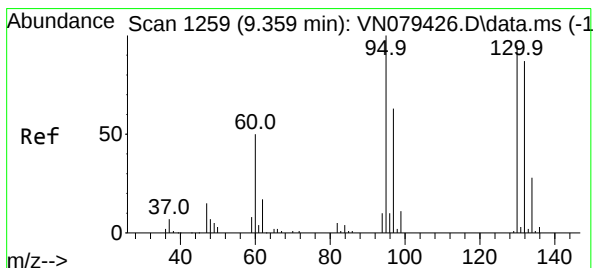
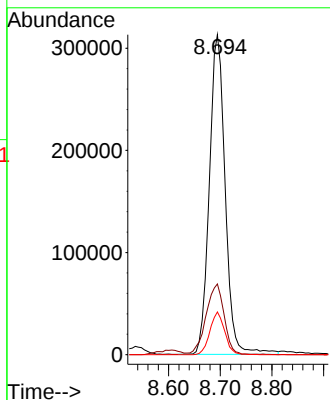
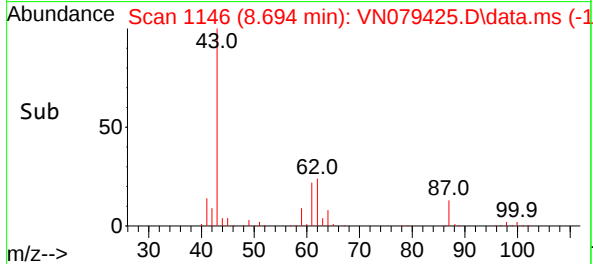
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



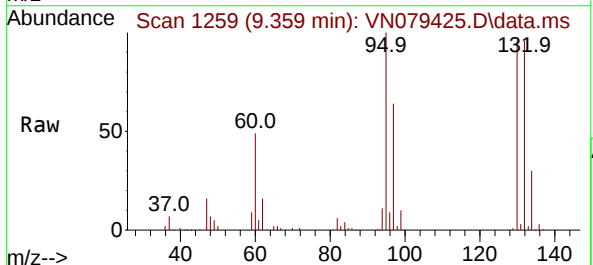
Tgt Ion: 43 Resp: 66811
Ion Ratio Lower Upper
43 100
61 24.8 24.7 37.1
87 12.5 14.6 21.8

Manual Integrations
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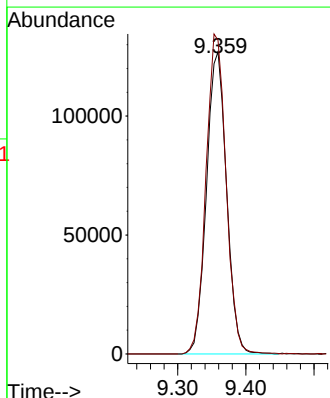
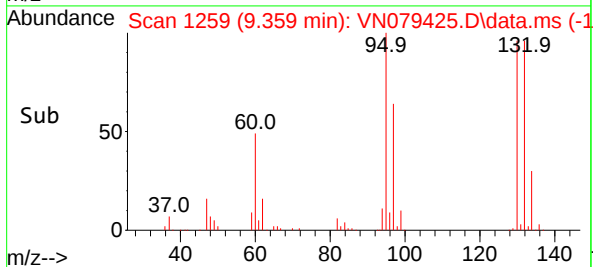
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

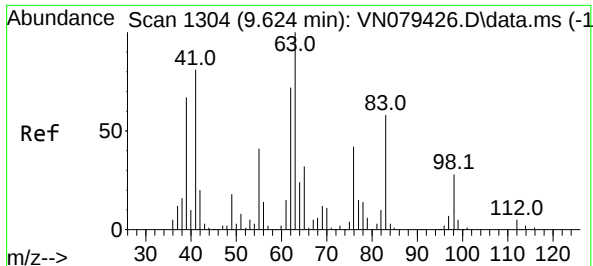


#44
Trichloroethene
Concen: 76.308 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26



Tgt Ion:130 Resp: 260077
Ion Ratio Lower Upper
130 100
95 103.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 86.108 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 63 Resp: 29869

Ion Ratio Lower Upper

63 100

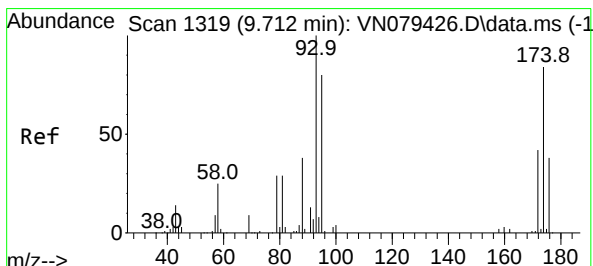
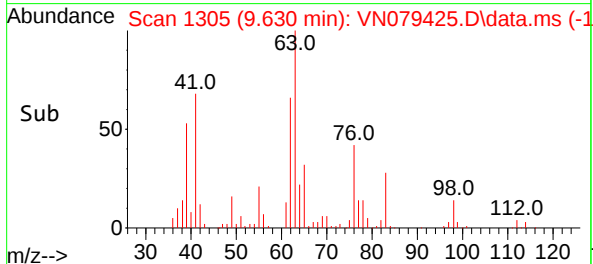
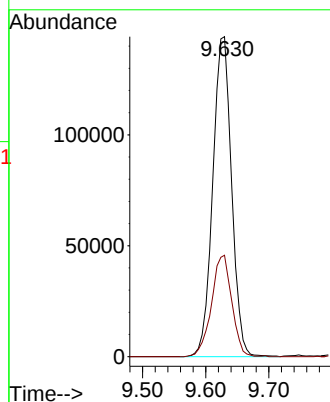
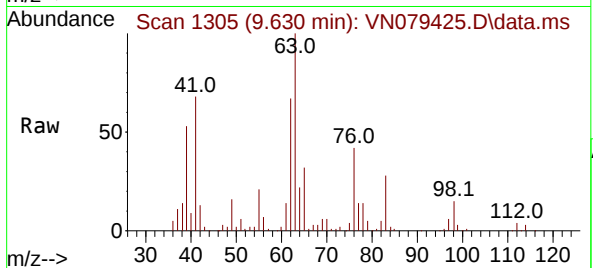
65 31.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#46

Dibromomethane

Concen: 83.374 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

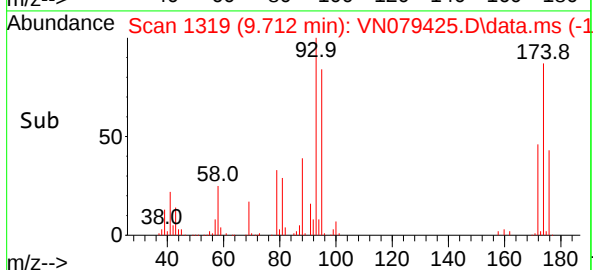
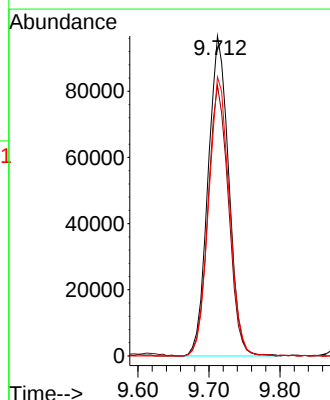
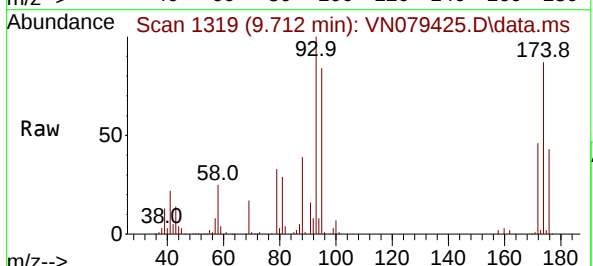
Tgt Ion: 93 Resp: 196084

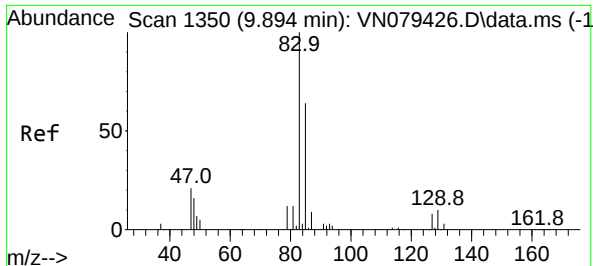
Ion Ratio Lower Upper

93 100

95 83.9 63.8 95.8

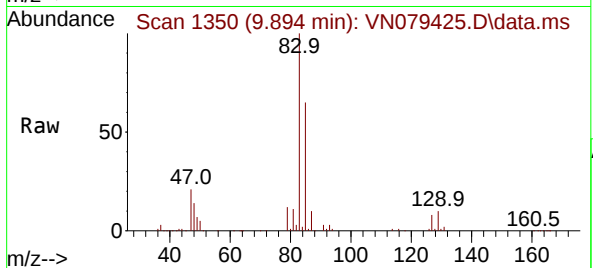
174 86.8 65.6 98.4





#47
Bromodichloromethane
Concen: 84.610 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

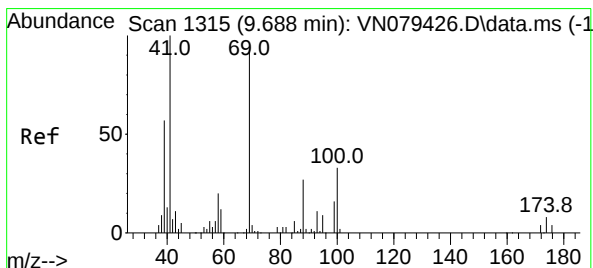
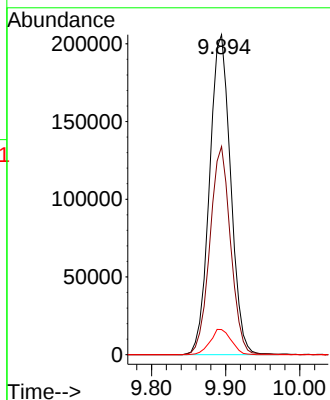
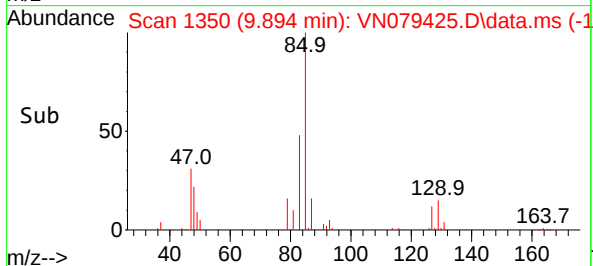
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 83 Resp: 40666
Ion Ratio Lower Upper
83 100
85 65.0 49.6 74.4
127 7.9 7.0 10.6

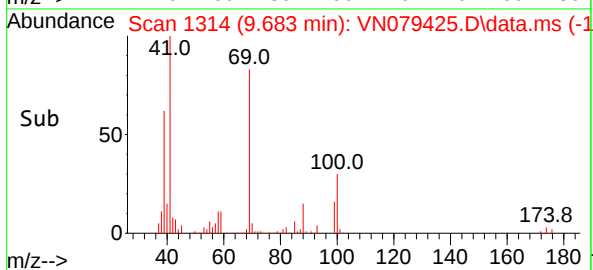
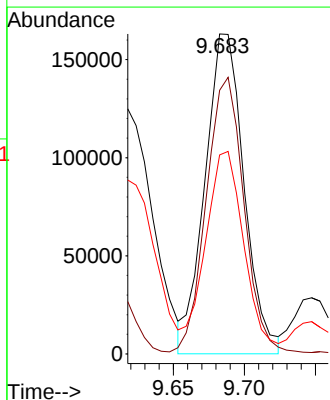
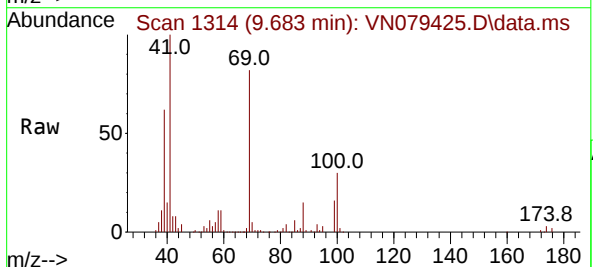
Manual Integrations
APPROVED

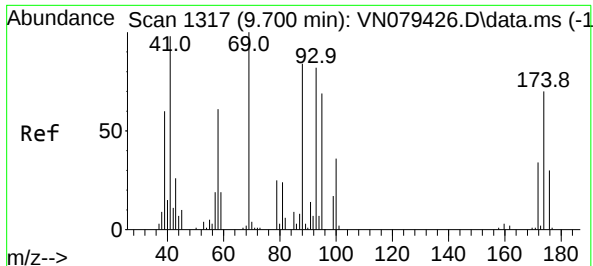
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#48
Methyl methacrylate
Concen: 92.377 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion: 41 Resp: 311878
Ion Ratio Lower Upper
41 100
69 84.0 90.4 135.6
39 62.7 54.6 81.8





#49

1,4-Dioxane

Concen: 1652.827 ug/l

RT: 9.700 min Scan# 11322

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 88 Resp: 11322

Ion Ratio Lower Upper

88 100

43 29.9 17.0 25.6

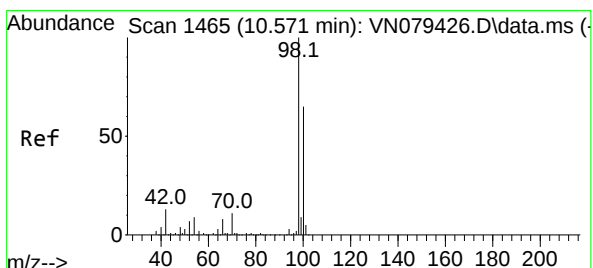
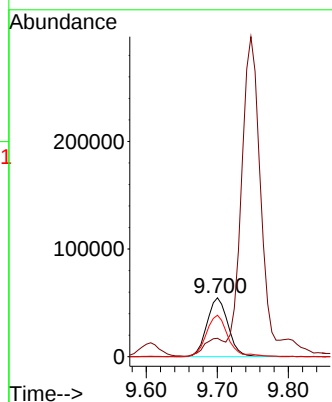
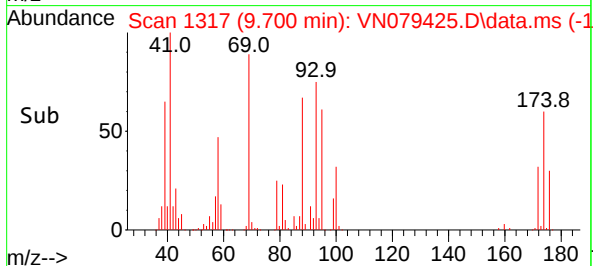
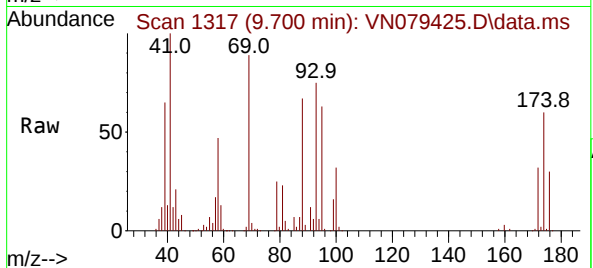
58 72.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#50

Toluene-d8

Concen: 81.199 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079425.D

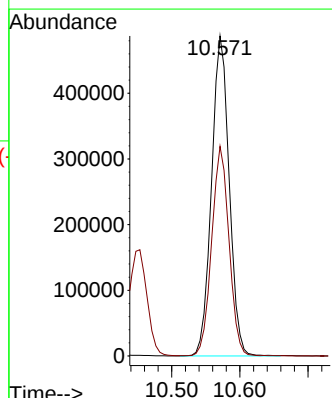
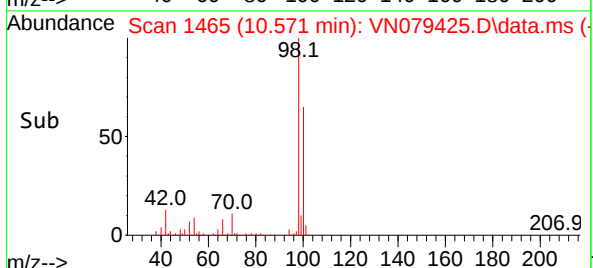
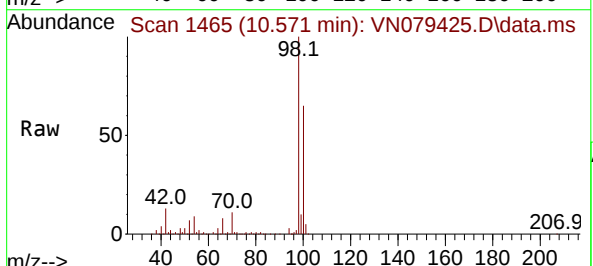
Acq: 05 Oct 2023 17:26

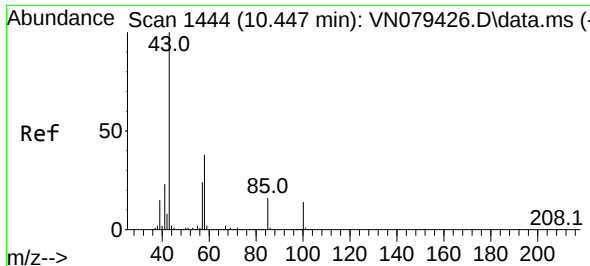
Tgt Ion: 98 Resp: 877883

Ion Ratio Lower Upper

98 100

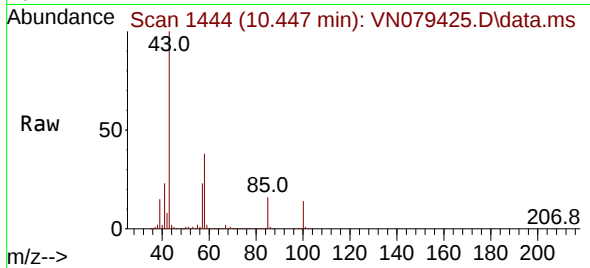
100 64.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 466.138 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

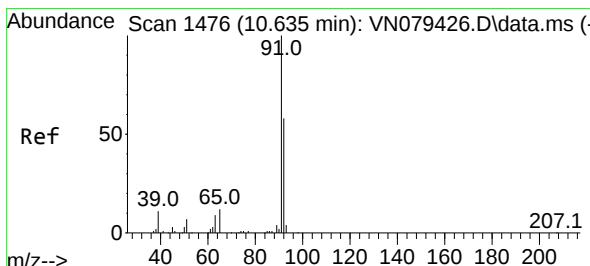
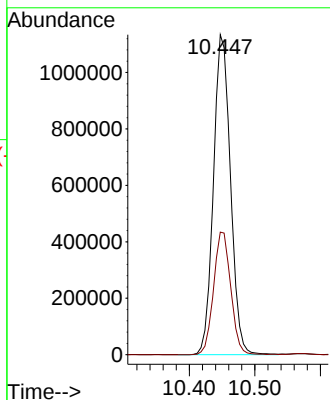
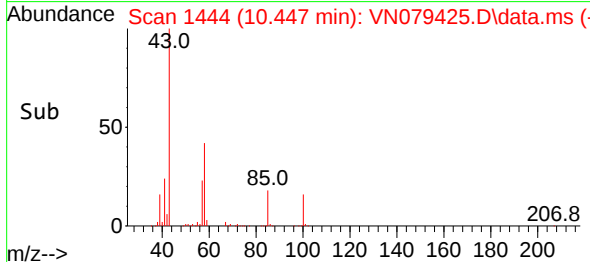
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 43 Resp: 2042158
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8

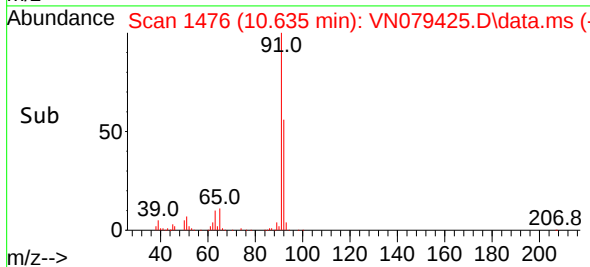
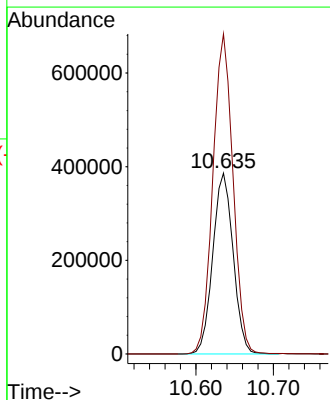
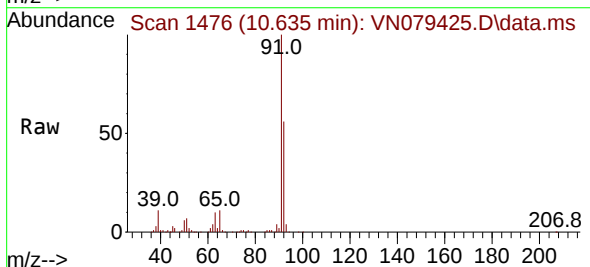
Manual Integrations
APPROVED

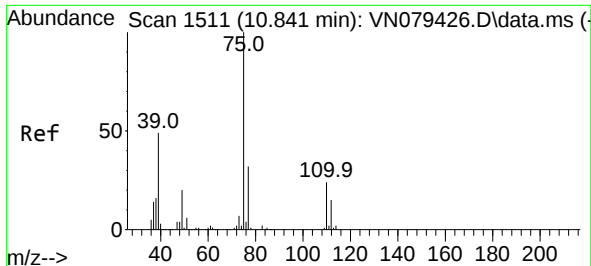
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#52
Toluene
Concen: 82.579 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion: 92 Resp: 706419
Ion Ratio Lower Upper
92 100
91 175.2 137.4 206.0





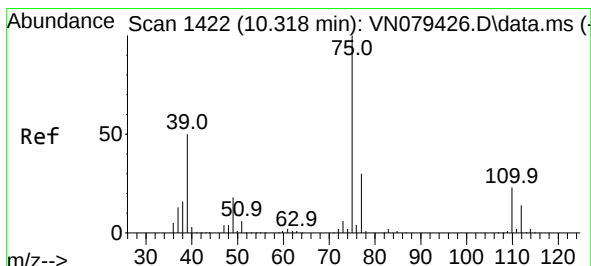
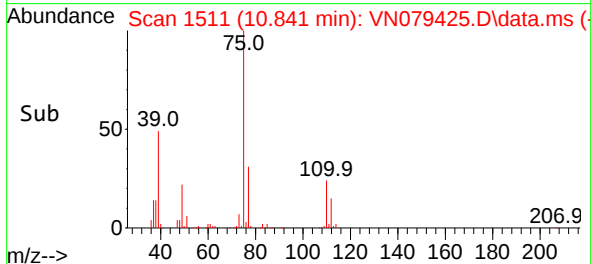
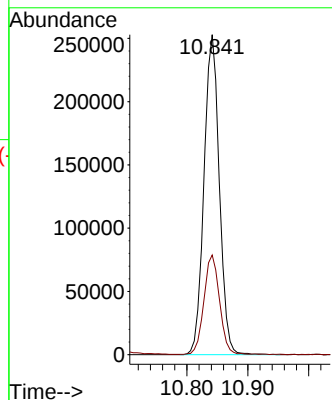
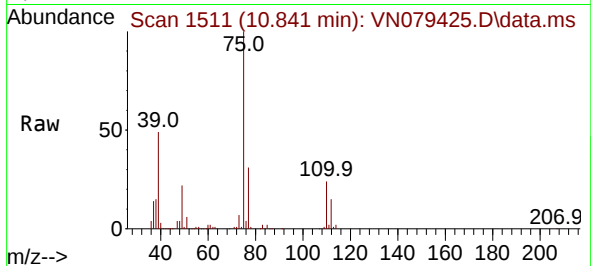
#53
t-1,3-Dichloropropene
Concen: 87.453 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 75 Resp: 442398
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

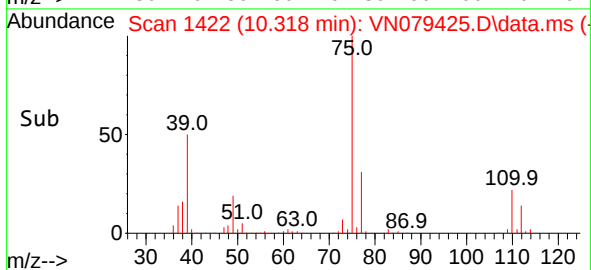
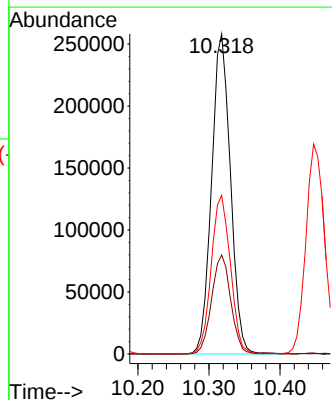
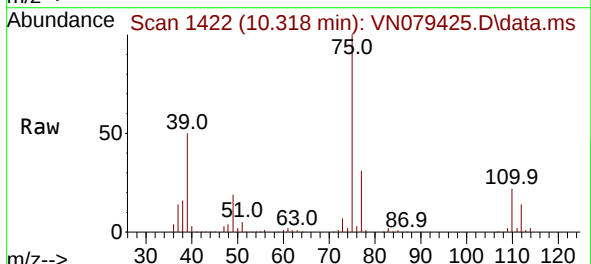
Manual Integrations
APPROVED

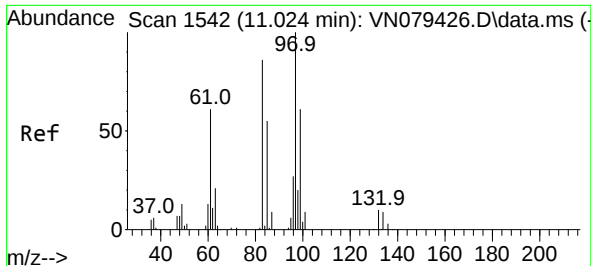
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#54
cis-1,3-Dichloropropene
Concen: 87.397 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

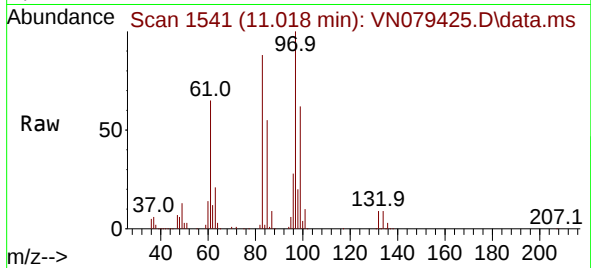
Tgt Ion: 75 Resp: 475198
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
39 49.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 81.142 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

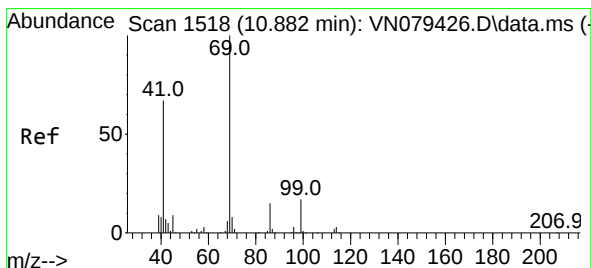
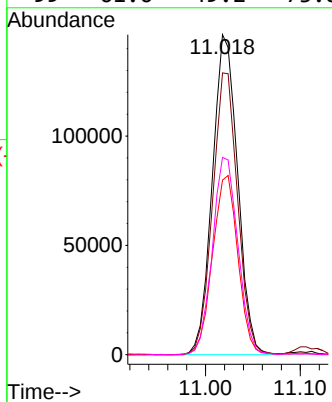
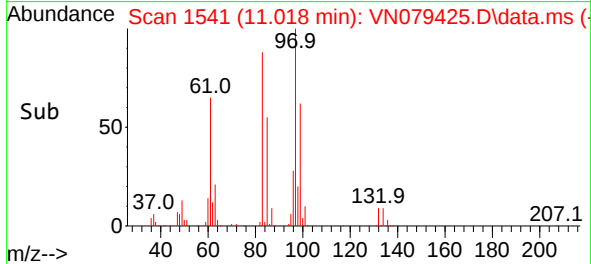
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



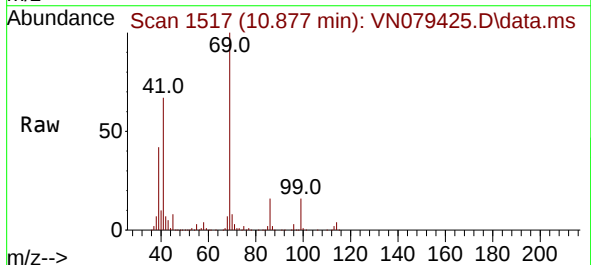
Tgt Ion: 97 Resp: 272050
Ion Ratio Lower Upper
97 100
83 87.9 65.1 97.7
85 54.6 43.4 65.2
99 61.6 49.2 73.8

Manual Integrations
APPROVED

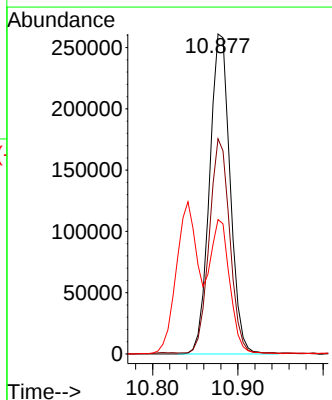
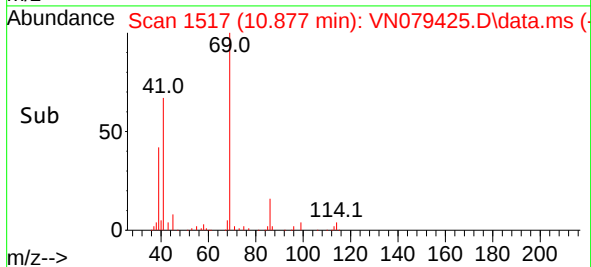
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

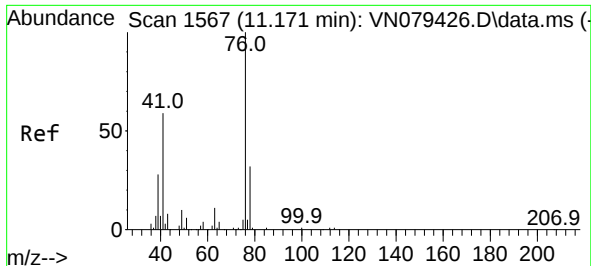


#56
Ethyl methacrylate
Concen: 92.444 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26



Tgt Ion: 69 Resp: 437840
Ion Ratio Lower Upper
69 100
41 66.8 39.6 59.4#
39 40.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 84.524 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 76 Resp: 49079

Ion Ratio Lower Upper

76 100

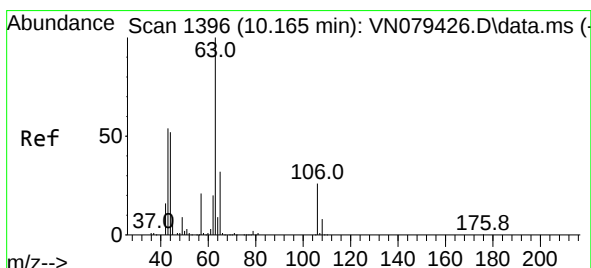
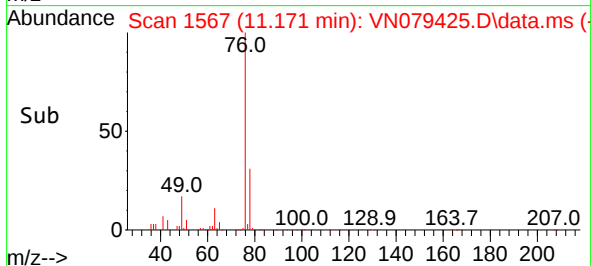
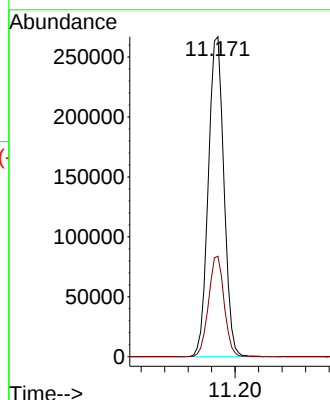
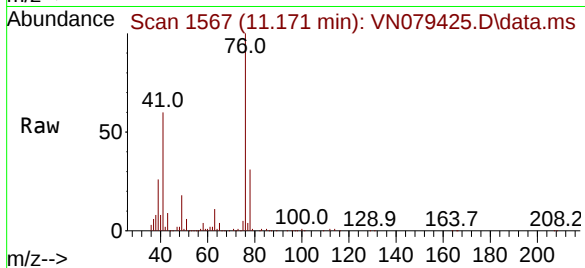
78 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 537.700 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079425.D

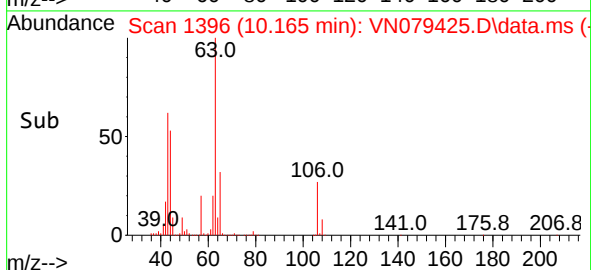
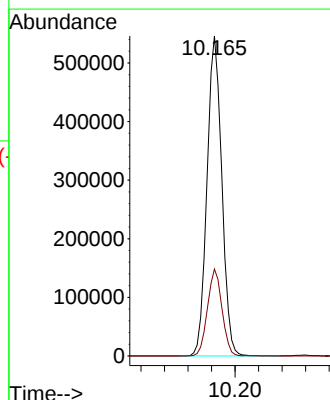
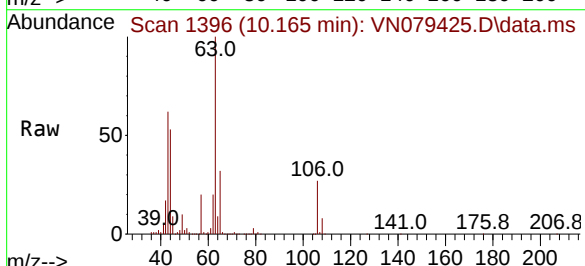
Acq: 05 Oct 2023 17:26

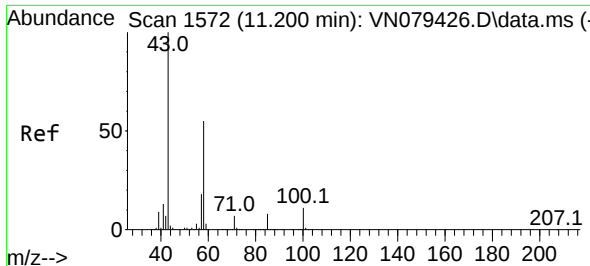
Tgt Ion: 63 Resp: 950047

Ion Ratio Lower Upper

63 100

106 26.6 26.2 39.4





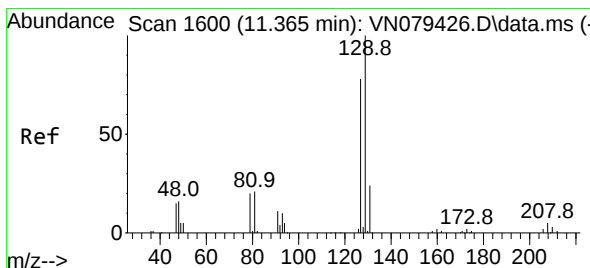
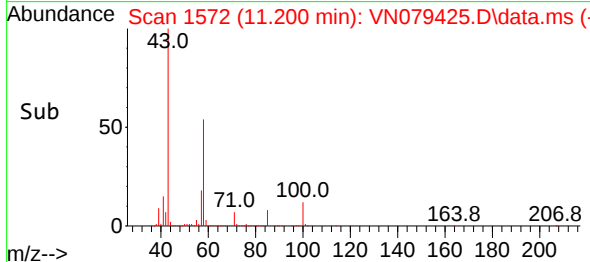
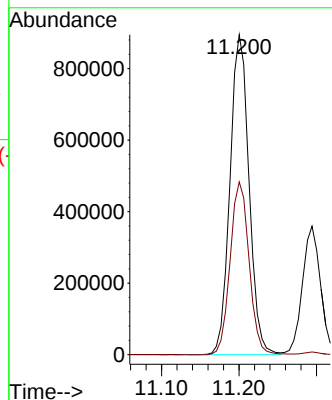
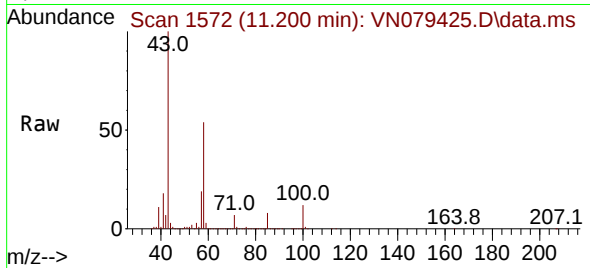
#59
2-Hexanone
Concen: 480.438 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 152871
Ion Ratio Lower Upper
43 100
58 53.8 31.7 95.1

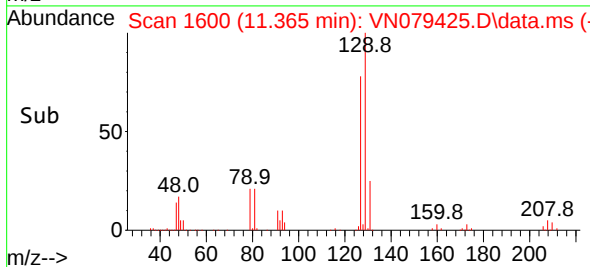
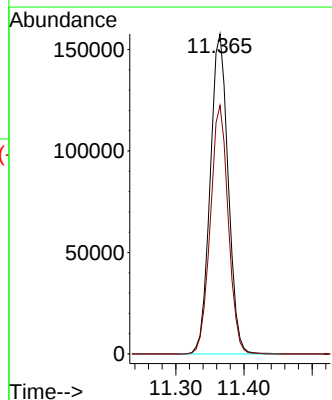
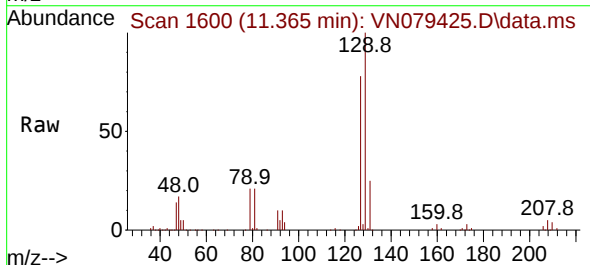
Manual Integrations
APPROVED

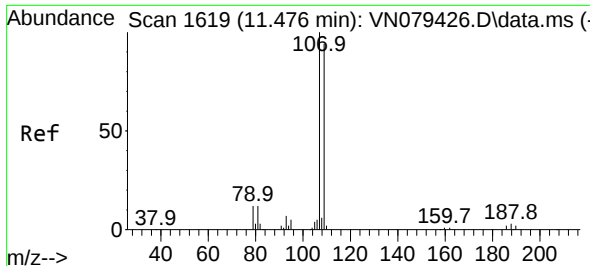
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#60
Dibromochloromethane
Concen: 81.848 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

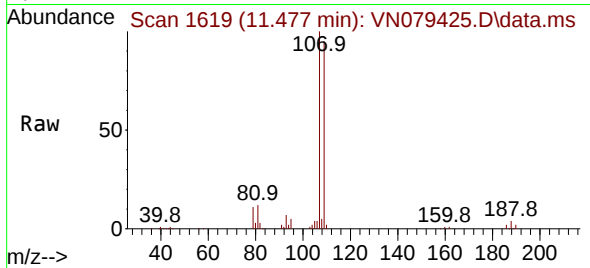
Tgt Ion:129 Resp: 289305
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 82.859 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

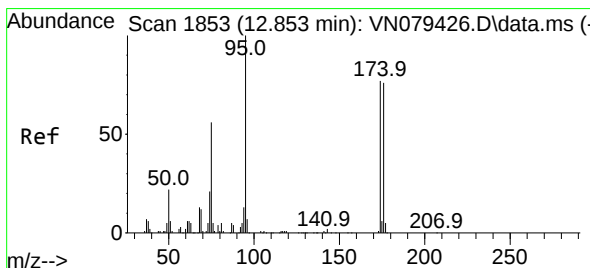
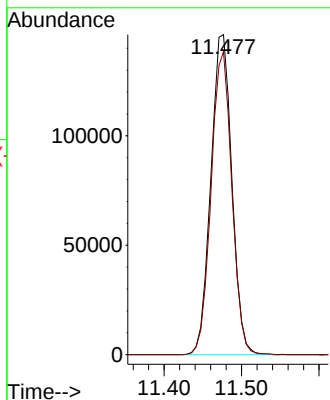
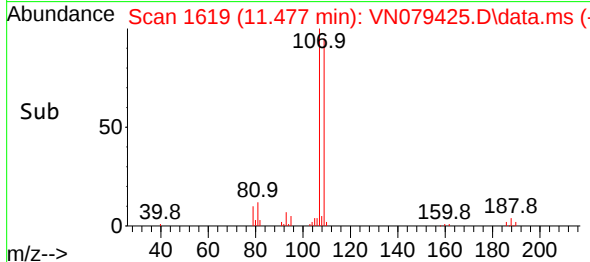
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:107 Resp: 275220
Ion Ratio Lower Upper
107 100
109 93.3 76.6 114.8

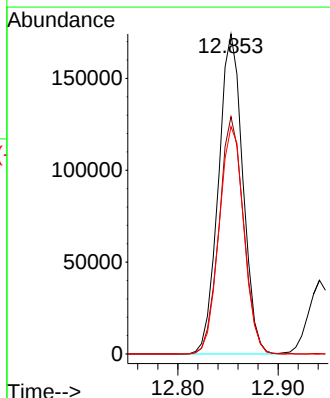
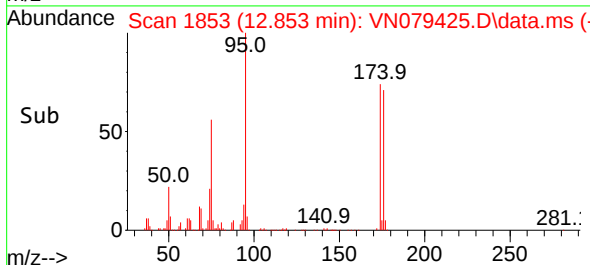
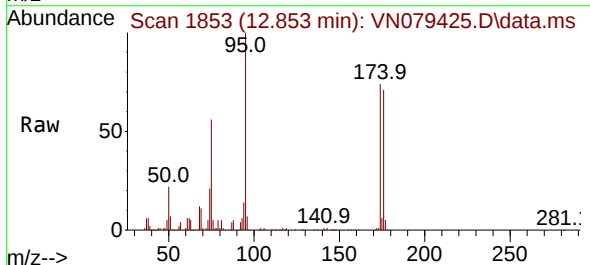
Manual Integrations
APPROVED

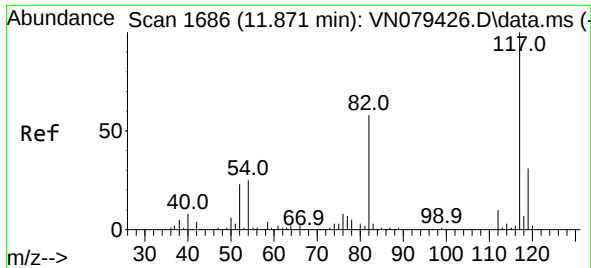
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#62
4-Bromofluorobenzene
Concen: 85.404 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

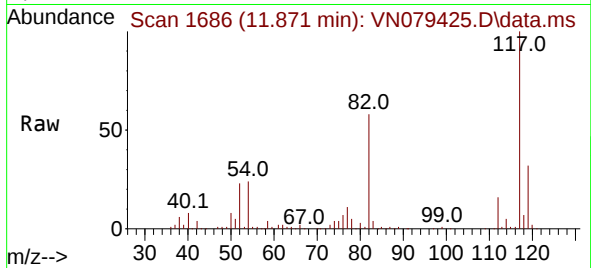
Tgt Ion: 95 Resp: 294138
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 72.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

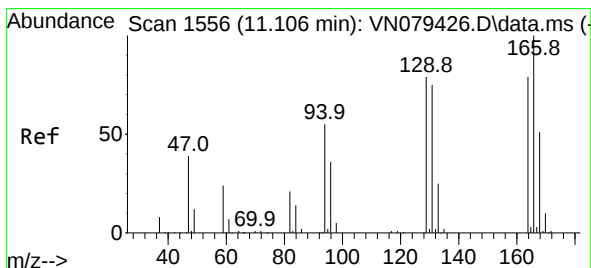
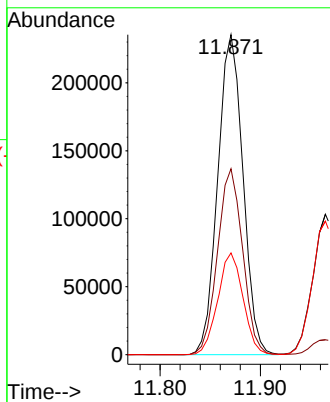
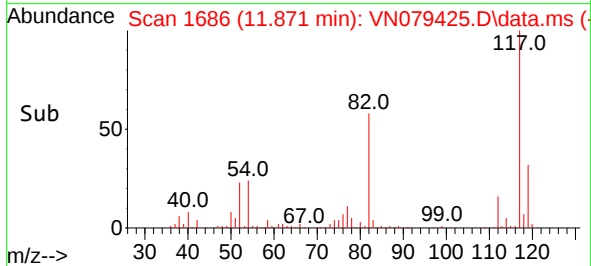
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:117 Resp: 411550
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 31.8 25.6 38.4

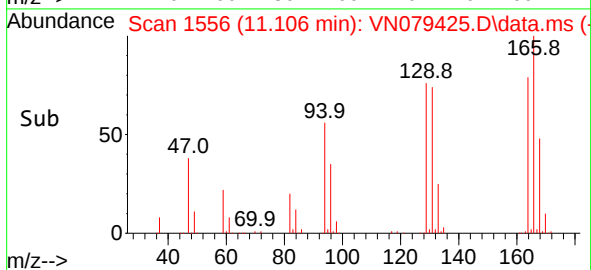
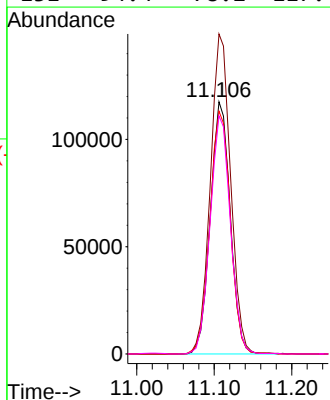
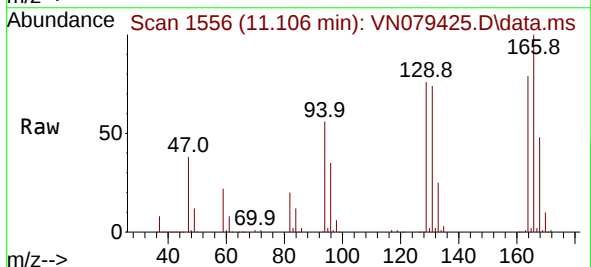
Manual Integrations
APPROVED

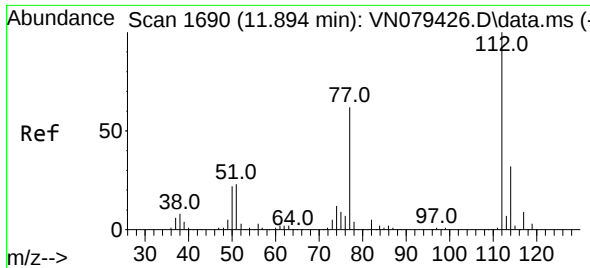
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#64
Tetrachloroethene
Concen: 70.357 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion:164 Resp: 210053
Ion Ratio Lower Upper
164 100
166 126.9 101.4 152.0
129 96.3 82.4 123.6
131 94.4 78.2 117.4





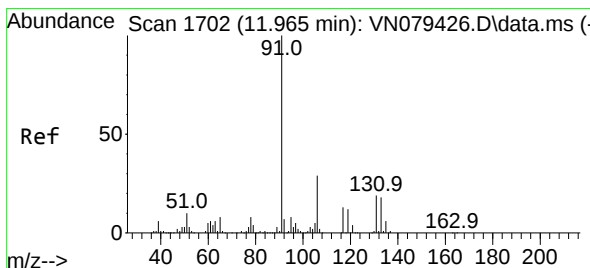
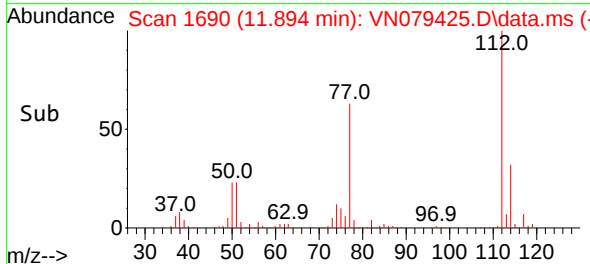
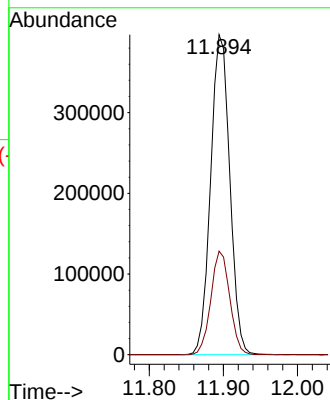
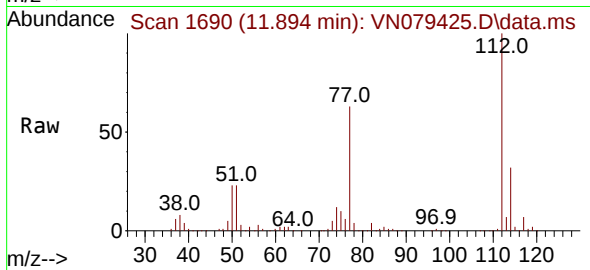
#65
Chlorobenzene
Concen: 76.305 ug/l
RT: 11.894 min Scan# 11176
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:112 Resp: 71176
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4

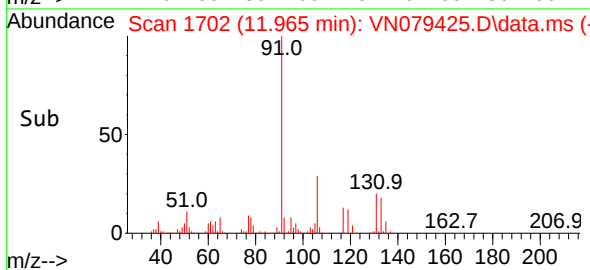
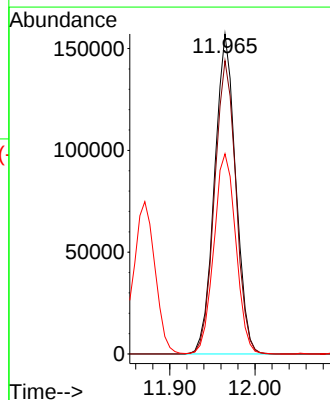
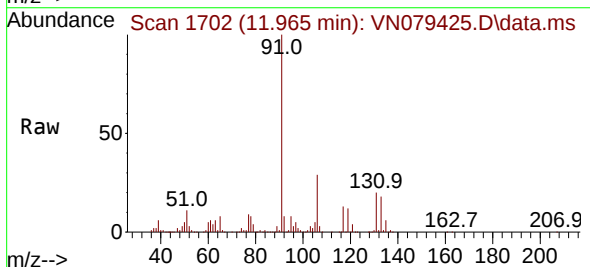
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 77.895 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

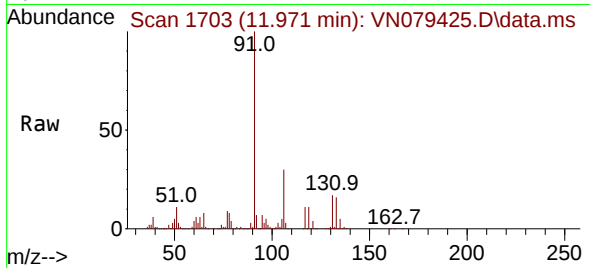
Tgt Ion:131 Resp: 271546
Ion Ratio Lower Upper
131 100
133 92.5 46.4 139.1
119 64.9 34.1 102.2





#67
Ethyl Benzene
Concen: 85.740 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

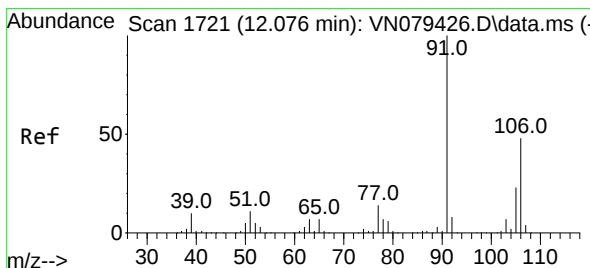
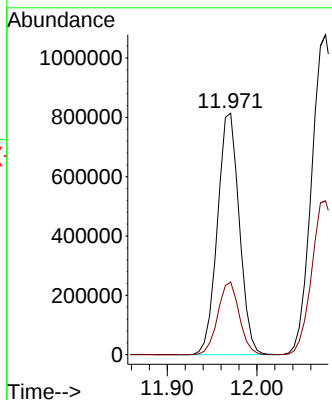
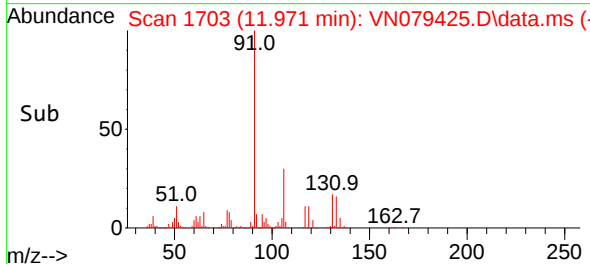
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



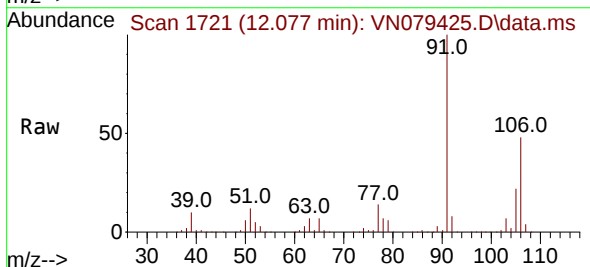
Tgt Ion: 91 Resp: 137454
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

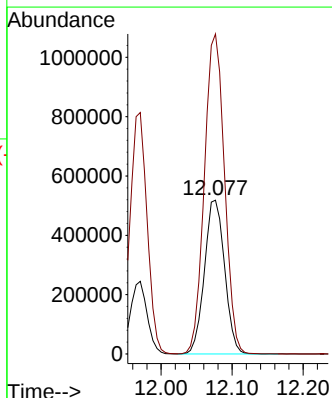
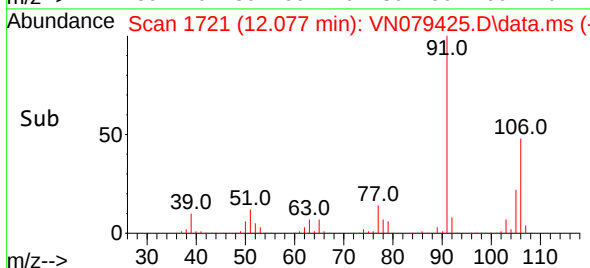
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

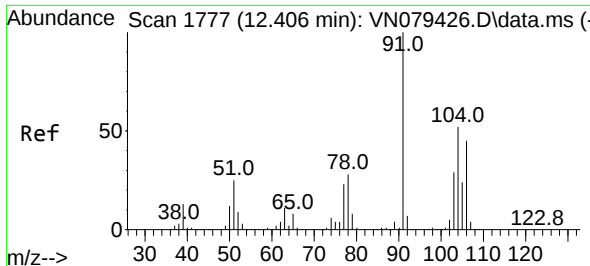


#68
m/p-Xylenes
Concen: 171.756 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26



Tgt Ion:106 Resp: 1021420
Ion Ratio Lower Upper
106 100
91 208.0 159.6 239.4





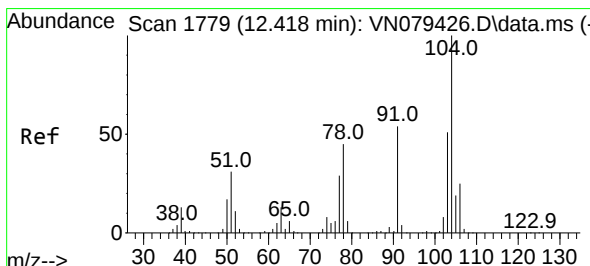
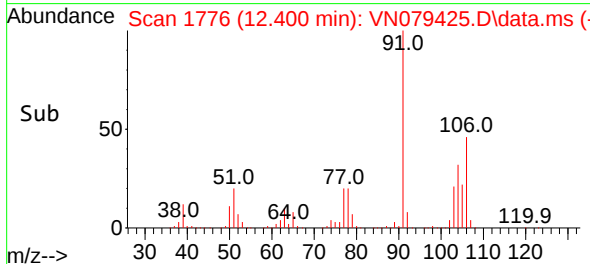
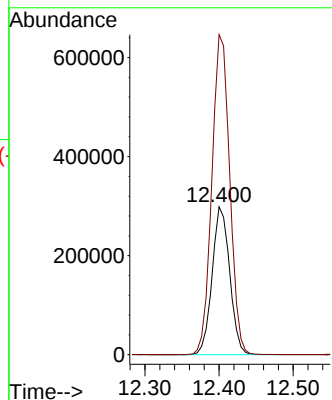
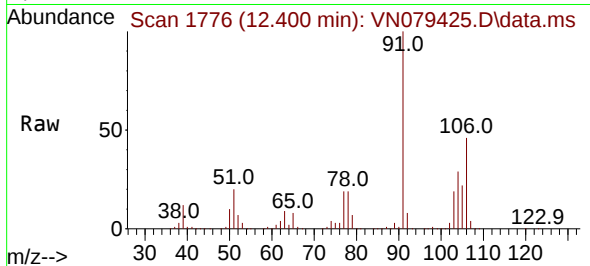
#69
o-Xylene
Concen: 86.168 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 491490
Ion Ratio Lower Upper
106 100
91 220.5 105.2 315.5

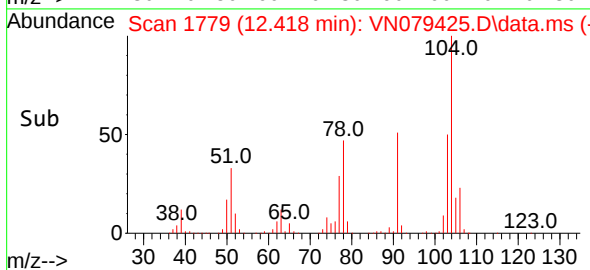
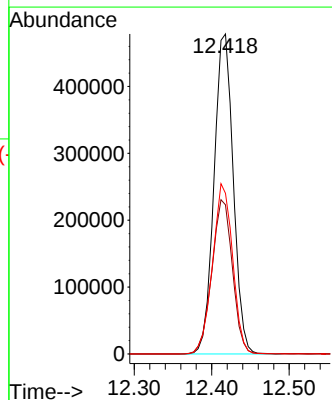
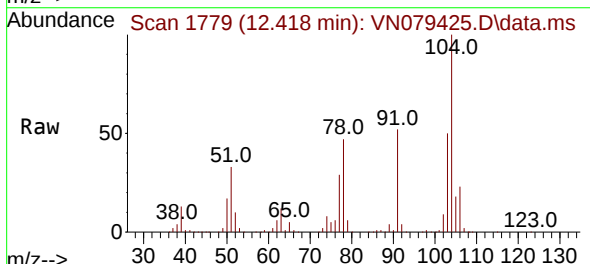
Manual Integrations
APPROVED

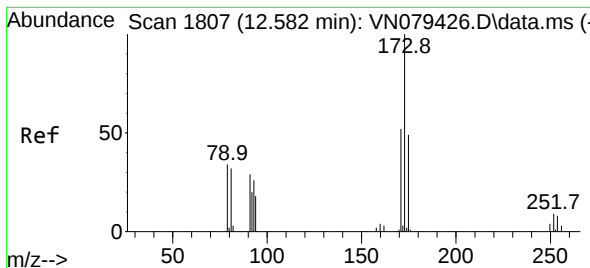
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#70
Styrene
Concen: 90.201 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion:104 Resp: 827274
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 55.4 43.2 64.8





#71

Bromoform

Concen: 78.308 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:173 Resp: 19899

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

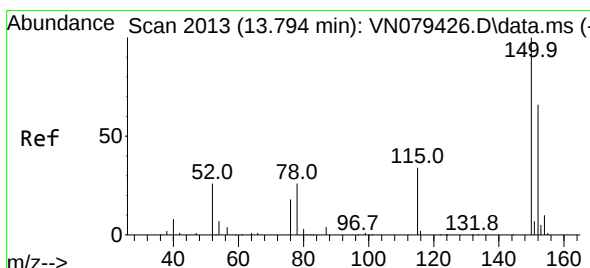
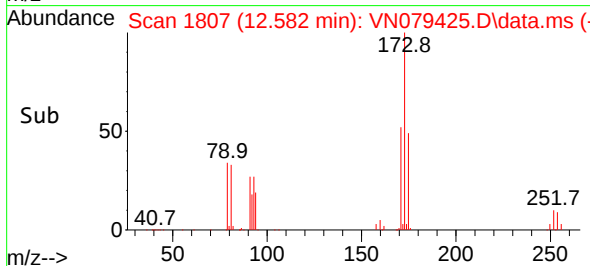
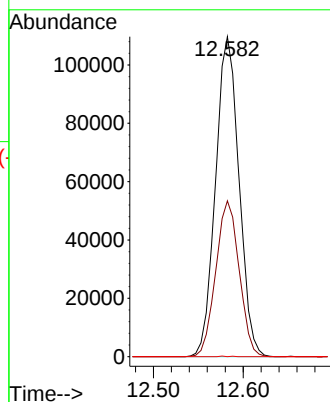
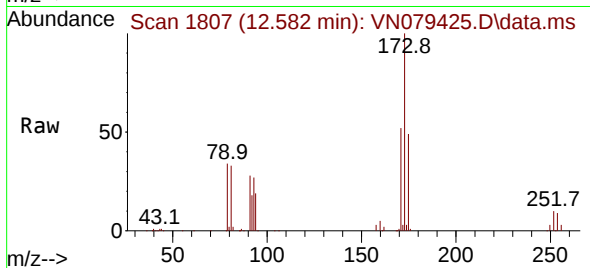
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

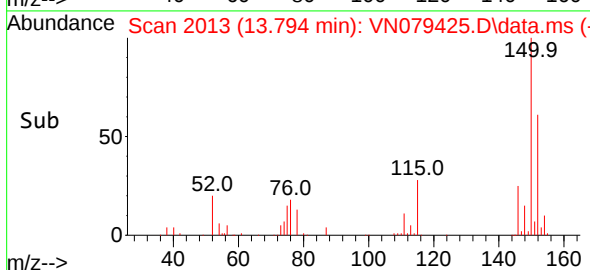
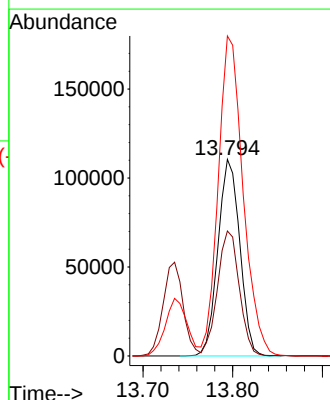
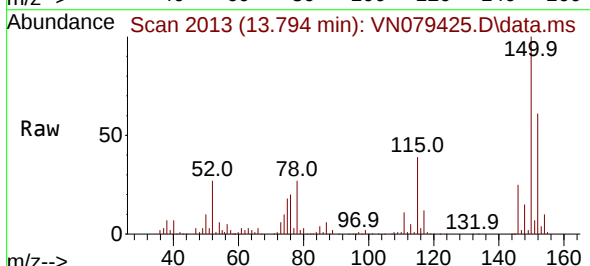
Tgt Ion:152 Resp: 187240

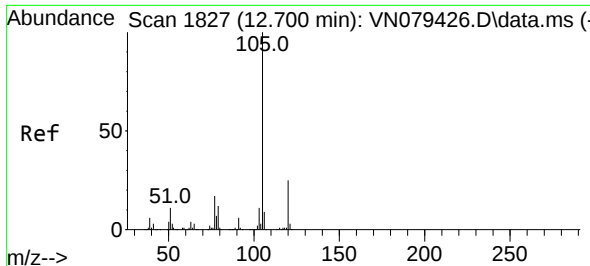
Ion Ratio Lower Upper

152 100

115 63.6 32.3 96.8

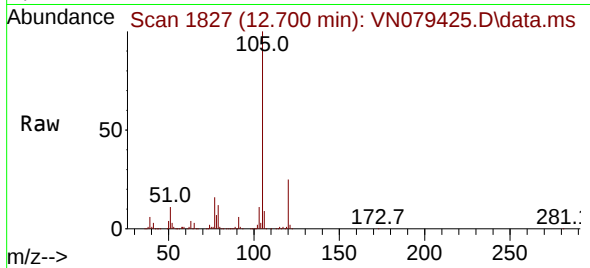
150 184.2 0.0 355.8





#73
Isopropylbenzene
Concen: 74.011 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

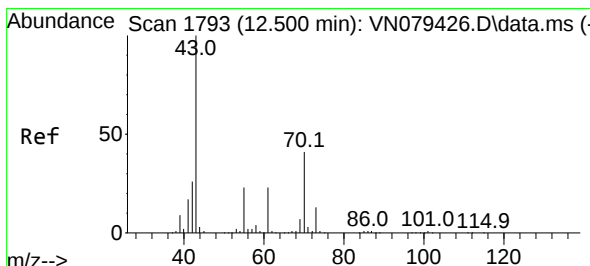
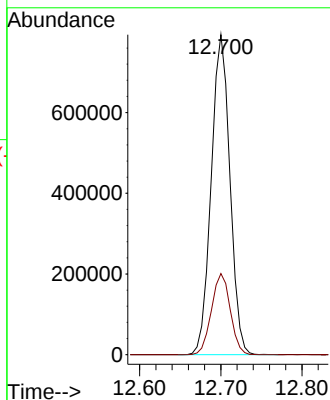
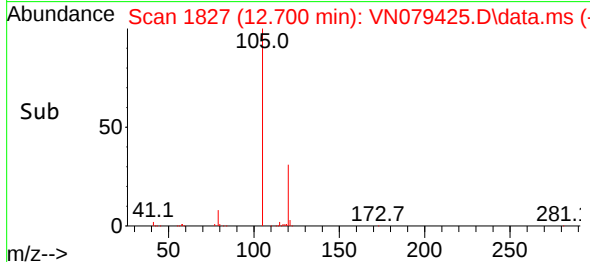
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:105 Resp: 1268704
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

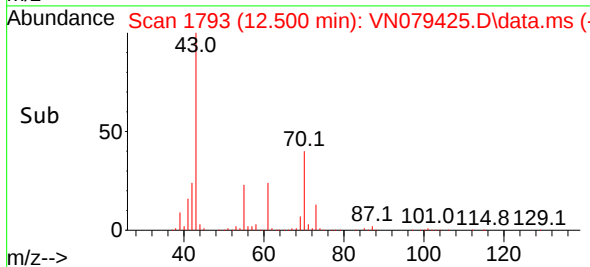
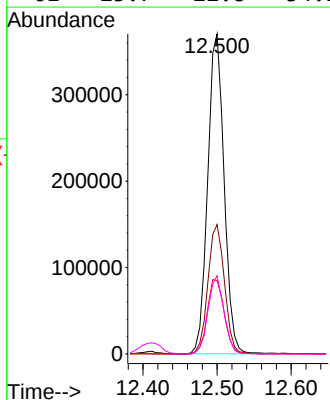
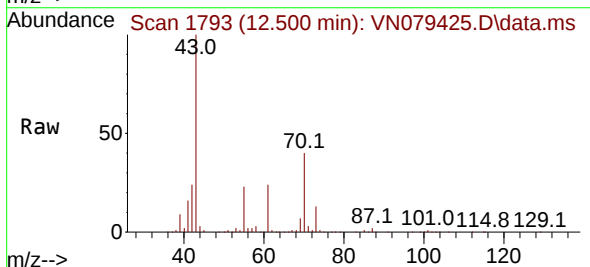
Manual Integrations
APPROVED

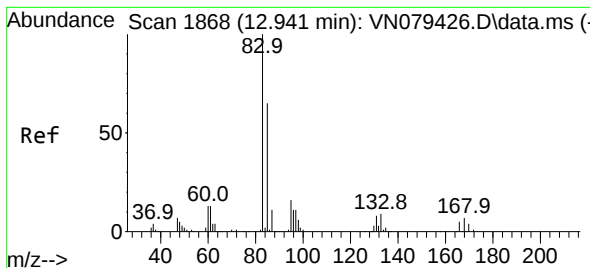
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#74
N-ethyl acetate
Concen: 86.042 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion: 43 Resp: 568959
Ion Ratio Lower Upper
43 100
70 40.8 43.4 65.2#
55 24.3 21.4 32.0
61 23.7 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 64.633 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 83 Resp: 41233

Ion Ratio Lower Upper

83 100

131 9.3 5.0 15.0

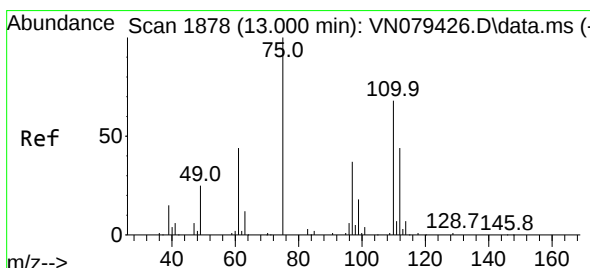
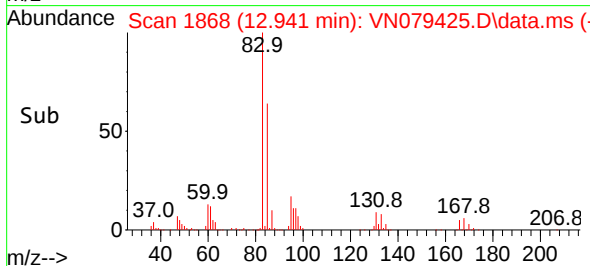
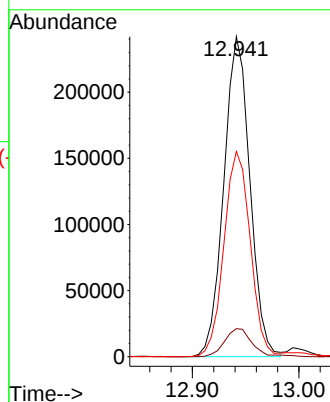
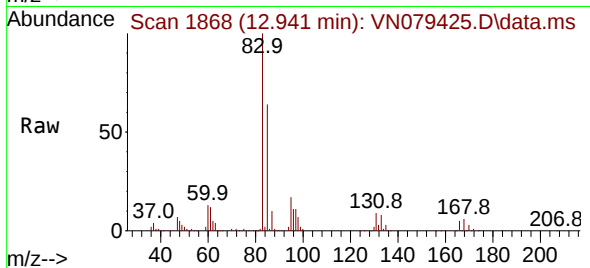
85 64.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#76

1,2,3-Trichloropropane

Concen: 65.410 ug/l m

RT: 13.000 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN079425.D

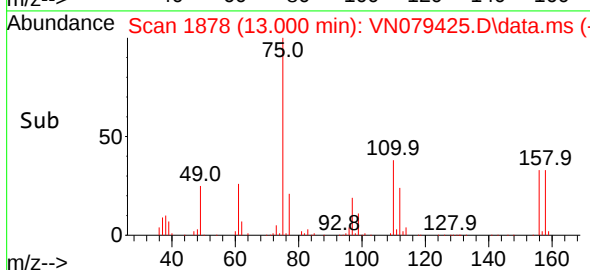
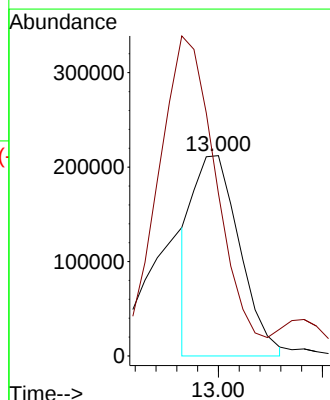
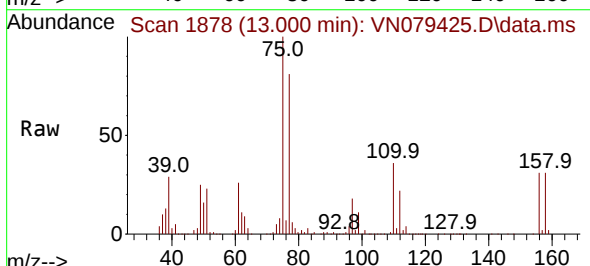
Acq: 05 Oct 2023 17:26

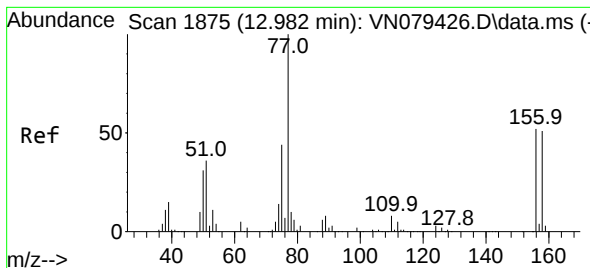
Tgt Ion: 75 Resp: 332012

Ion Ratio Lower Upper

75 100

77 201.7 84.5 253.5





#77

Bromobenzene

Concen: 66.241 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:156 Resp: 28462

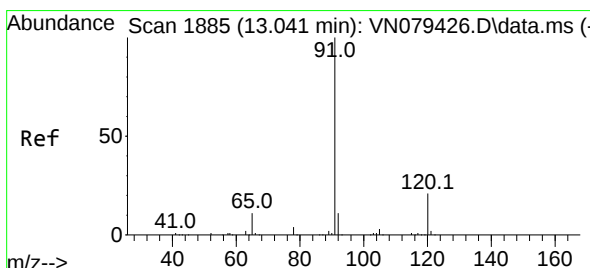
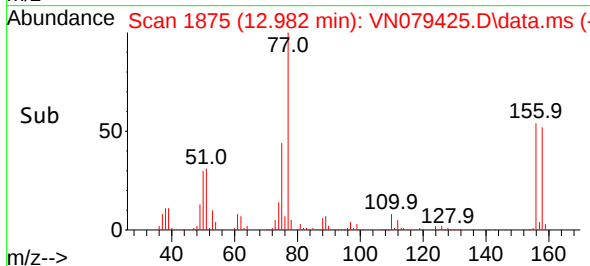
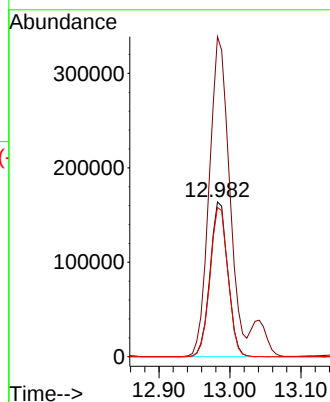
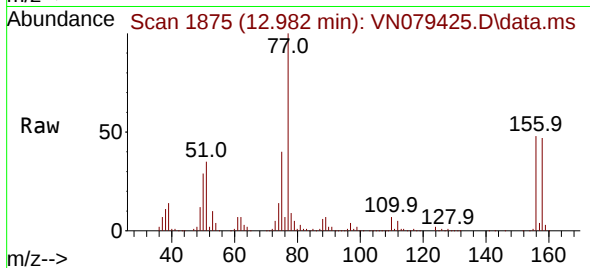
Ion	Ratio	Lower	Upper
156	100		
77	235.3	107.7	323.3
158	97.0	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#78

n-propylbenzene

Concen: 78.406 ug/l

RT: 13.041 min Scan# 1885

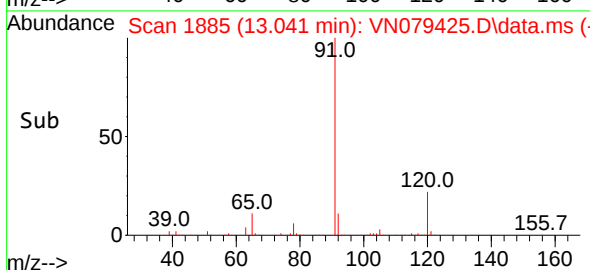
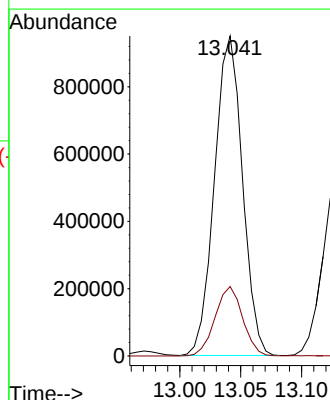
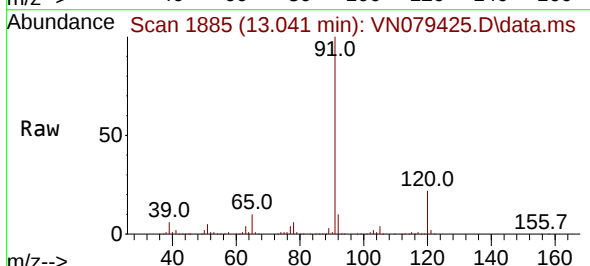
Delta R.T. 0.000 min

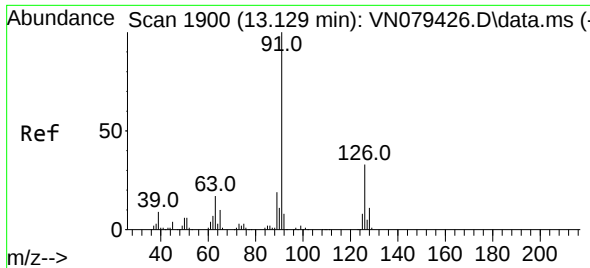
Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Tgt Ion: 91 Resp: 1515961

Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.5	34.4





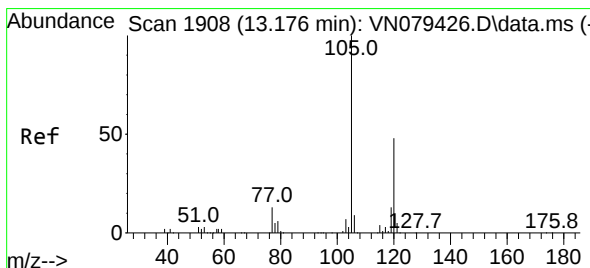
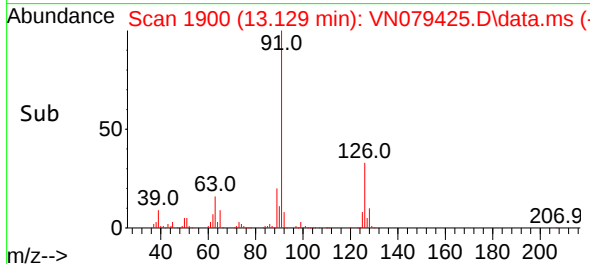
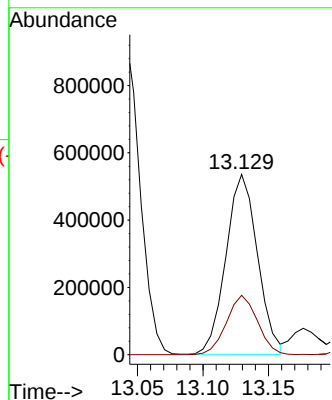
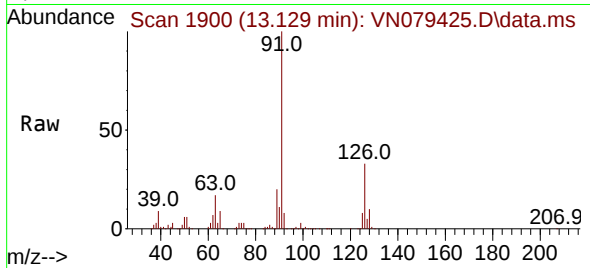
#79
2-Chlorotoluene
Concen: 71.353 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 91 Resp: 895923
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

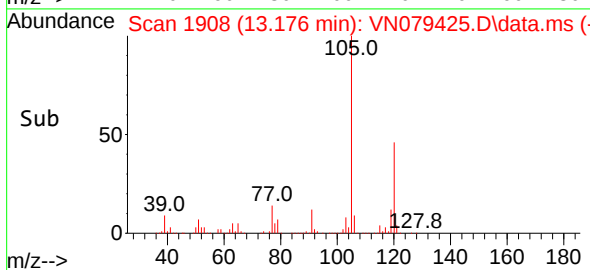
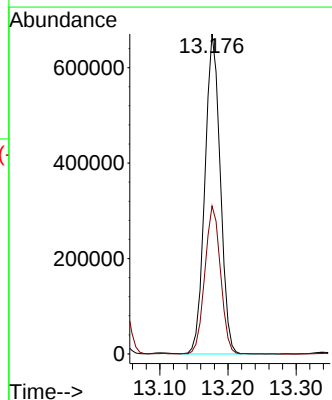
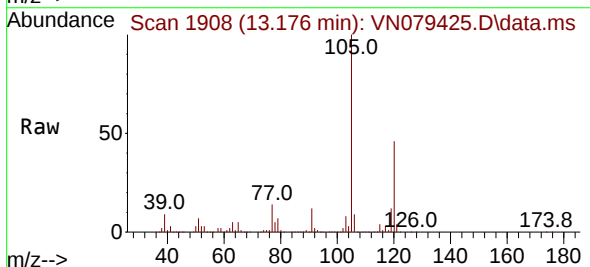
Manual Integrations
APPROVED

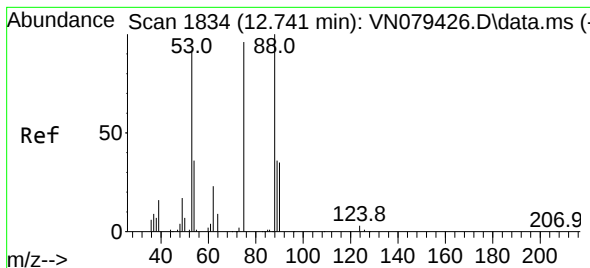
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 73.896 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

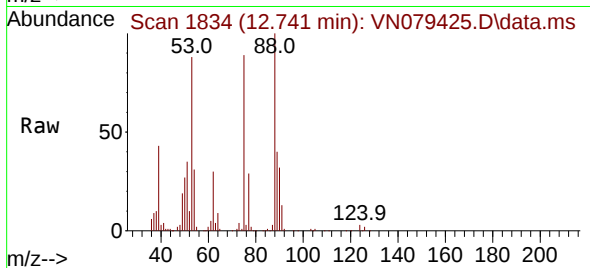
Tgt Ion:105 Resp: 1052645
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 72.260 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

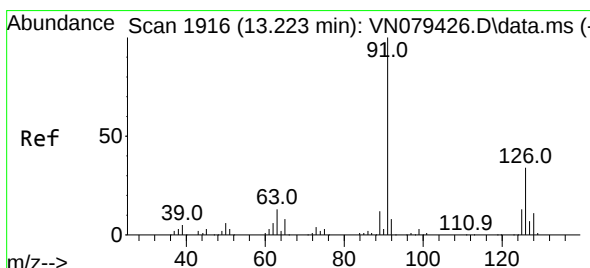
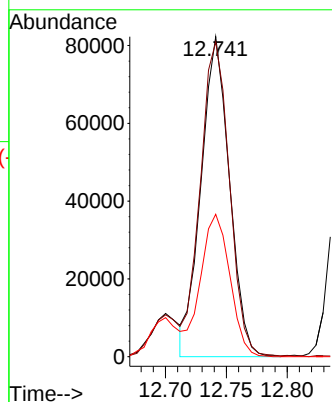
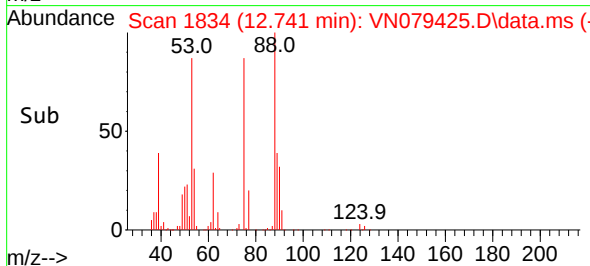
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 75 Resp: 133524
Ion Ratio Lower Upper
75 100
53 101.5 67.4 101.2
89 46.4 38.8 58.2

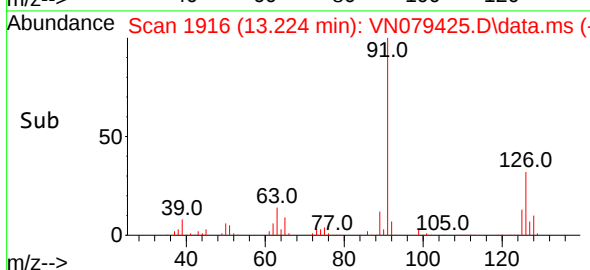
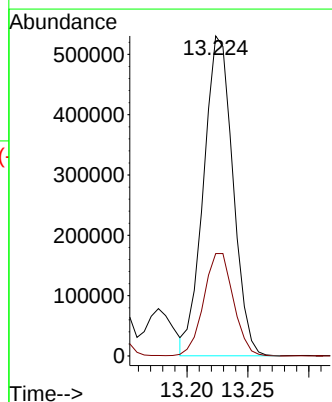
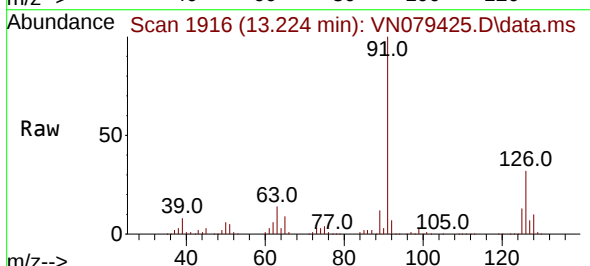
Manual Integrations
APPROVED

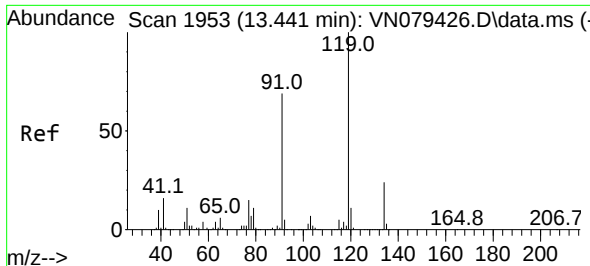
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#82
4-Chlorotoluene
Concen: 75.181 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion: 91 Resp: 889794
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0





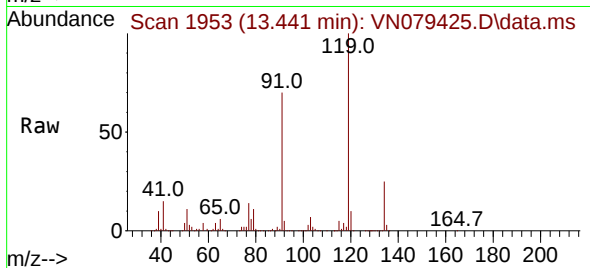
#83
tert-Butylbenzene
Concen: 75.500 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075



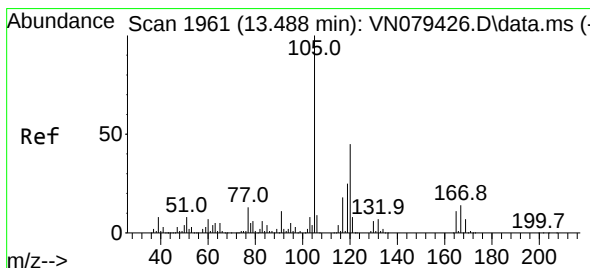
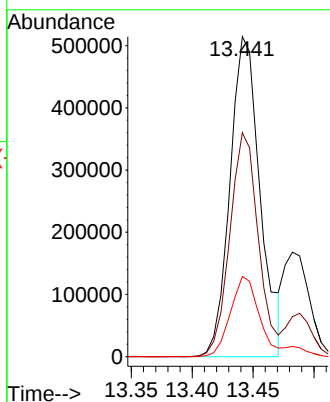
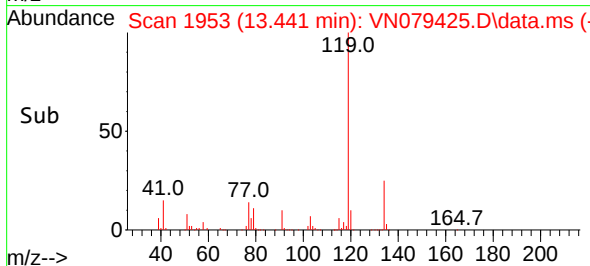
Tgt Ion:119 Resp: 887479
Ion Ratio Lower Upper
119 100
91 66.3 33.9 101.7
134 26.1 13.2 39.6

Manual Integrations

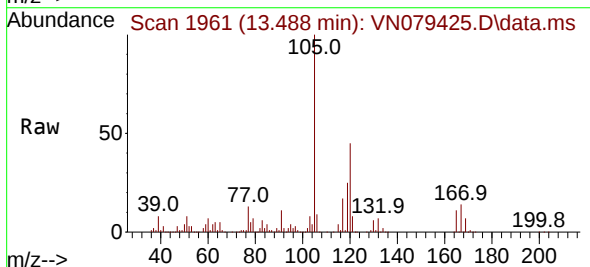
APPROVED

Reviewed By :John Carlone 10/06/2023

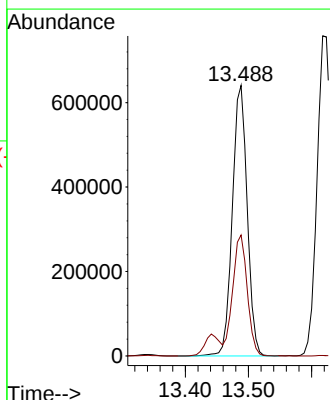
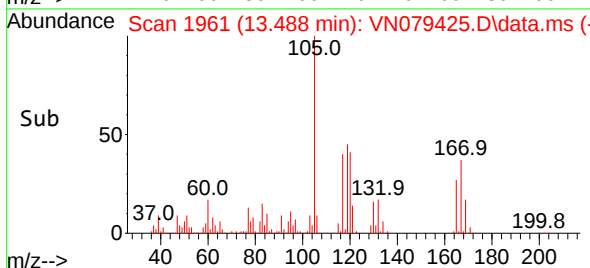
Supervised By :Mahesh Dadoda 10/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 77.047 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26



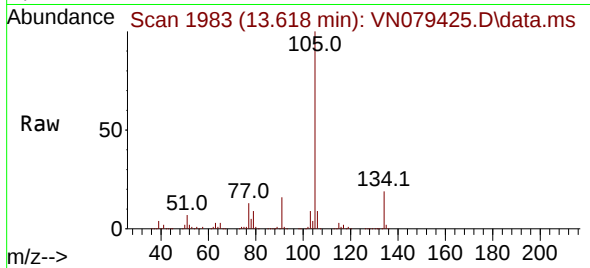
Tgt Ion:105 Resp: 1045085
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 76.725 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079425.D
 Acq: 05 Oct 2023 17:26

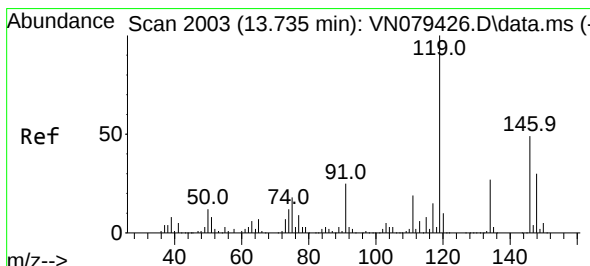
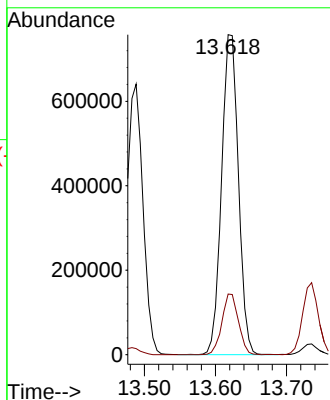
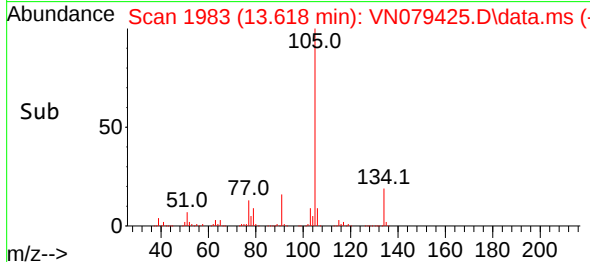
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion:105 Resp: 124510
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.3

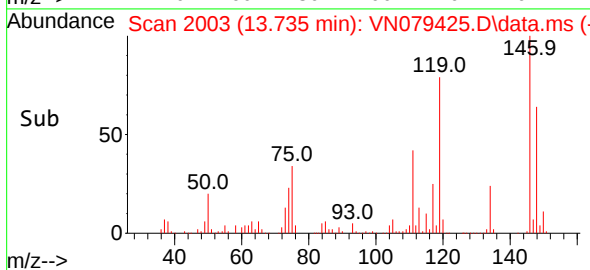
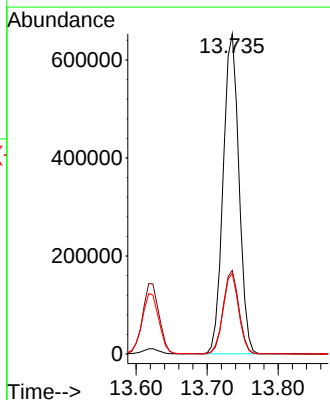
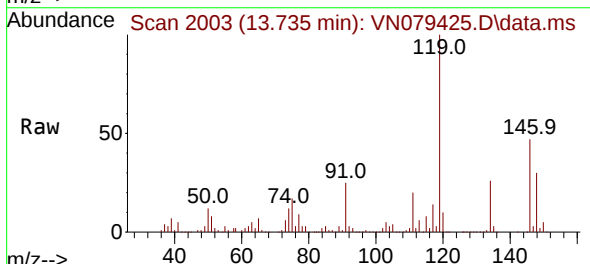
Manual Integrations
 APPROVED

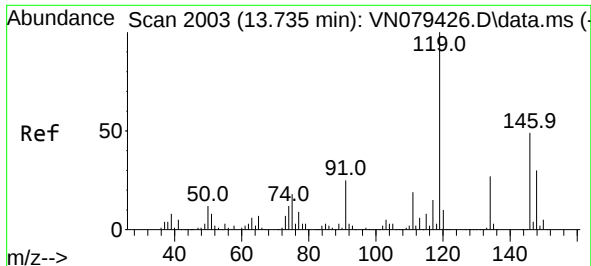
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#86
 p-Isopropyltoluene
 Concen: 77.982 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079425.D
 Acq: 05 Oct 2023 17:26

Tgt Ion:119 Resp: 1007833
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 74.352 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079425.D

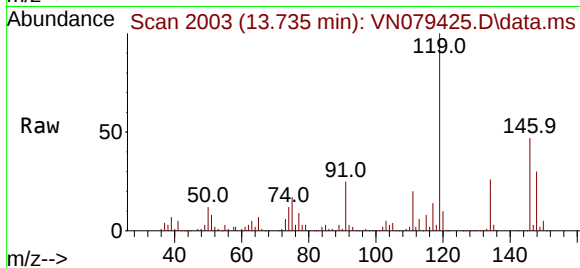
Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075



Tgt Ion:146 Resp: 527264

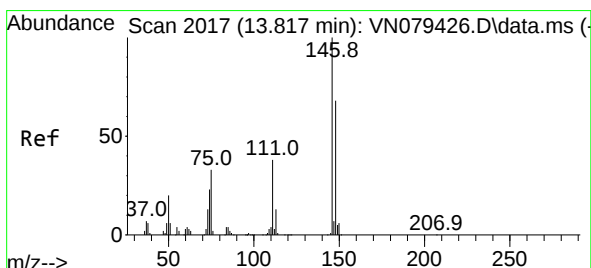
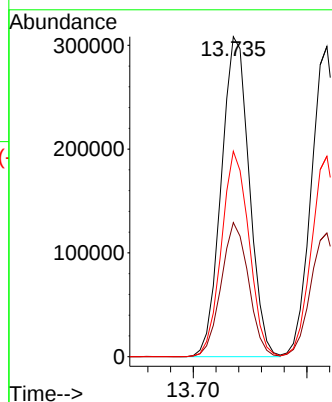
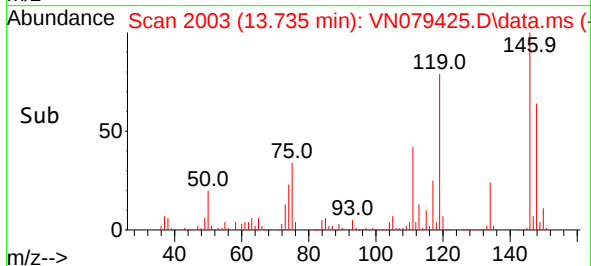
Ion	Ratio	Lower	Upper
146	100		
111	41.1	22.1	66.3
148	63.2	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#88

1,4-Dichlorobenzene

Concen: 71.444 ug/l

RT: 13.818 min Scan# 2017

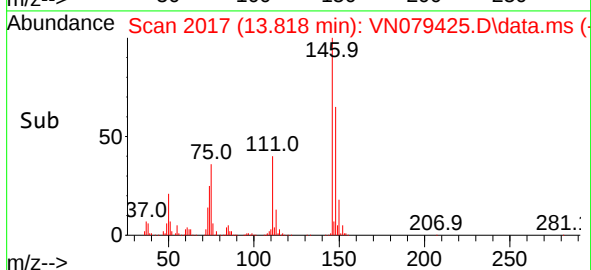
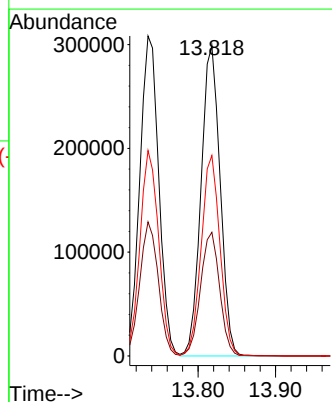
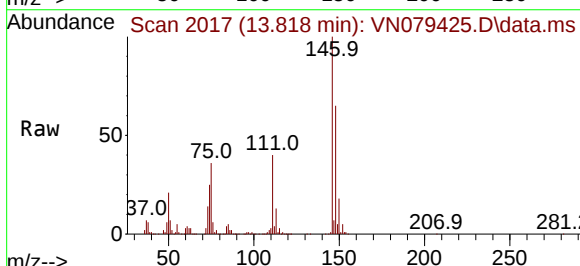
Delta R.T. 0.000 min

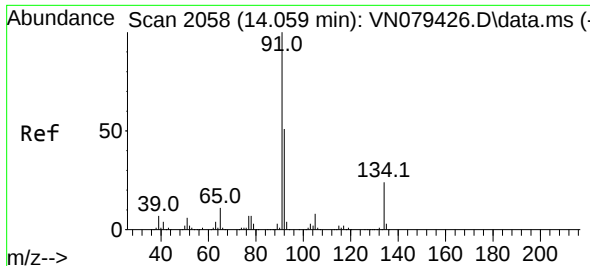
Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Tgt Ion:146 Resp: 511055

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.8
148	63.5	31.6	94.8





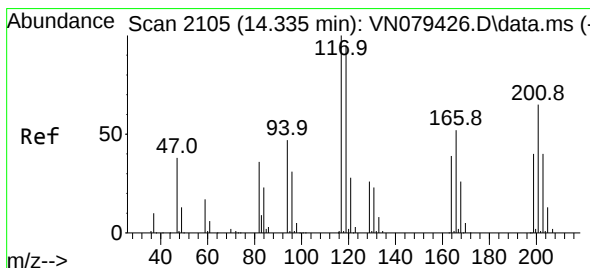
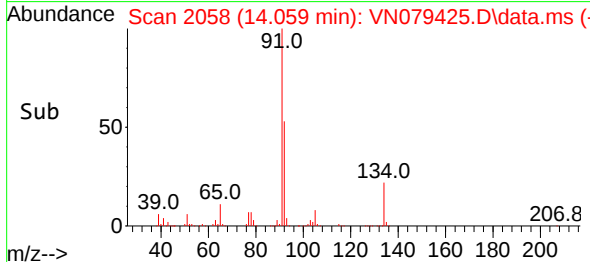
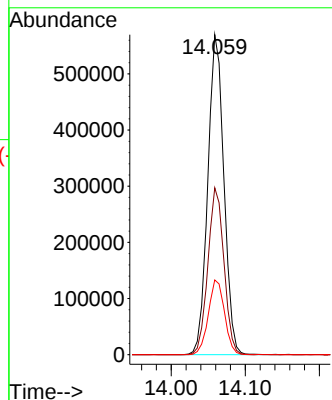
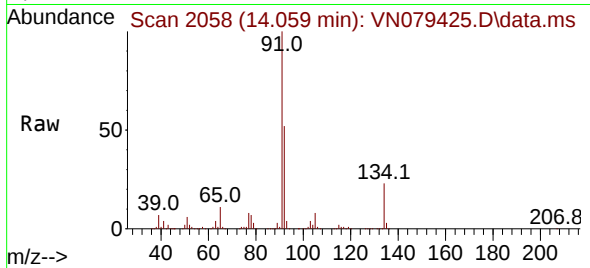
#89
n-Butylbenzene
Concen: 84.098 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 85996
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.0
134 23.5 12.6 37.6

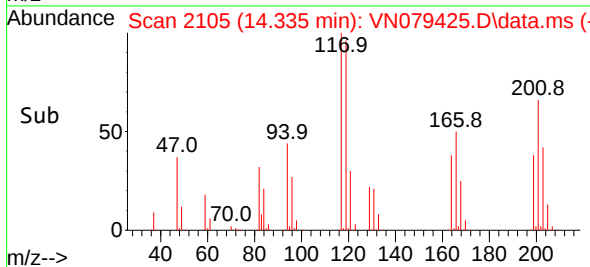
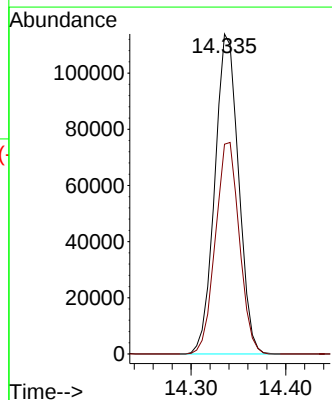
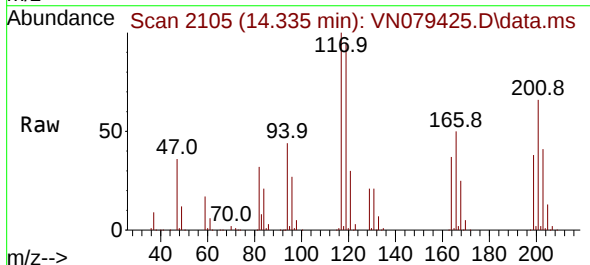
Manual Integrations
APPROVED

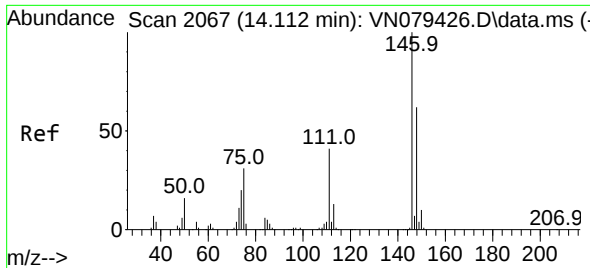
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#90
Hexachloroethane
Concen: 75.211 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion:117 Resp: 198466
Ion Ratio Lower Upper
117 100
201 66.6 29.3 88.0





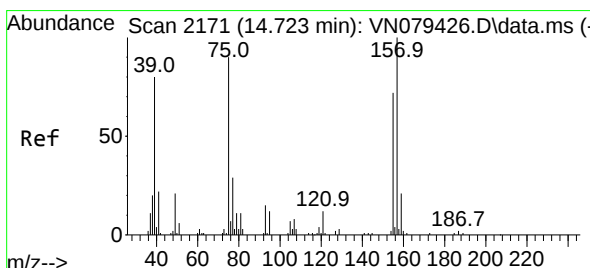
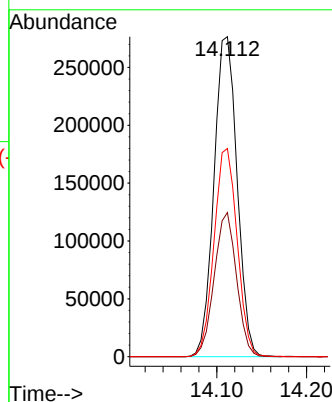
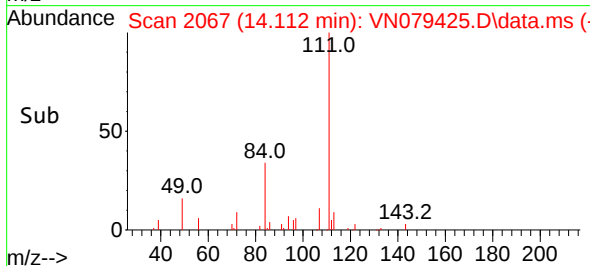
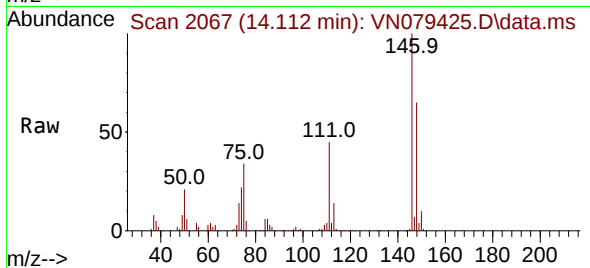
#91
1,2-Dichlorobenzene
Concen: 70.763 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:146 Resp: 495652
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 65.0 31.8 95.3

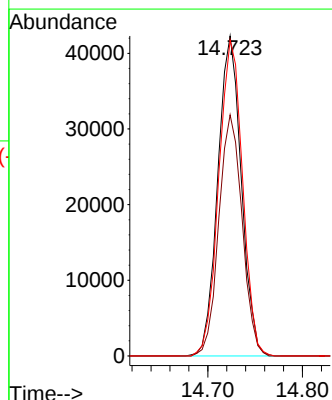
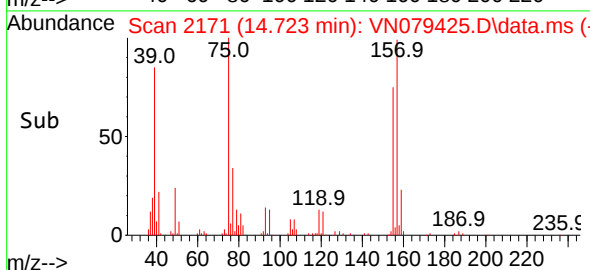
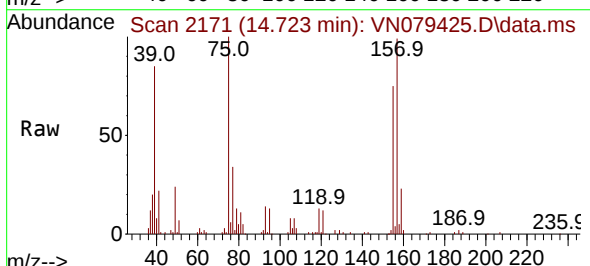
Manual Integrations
APPROVED

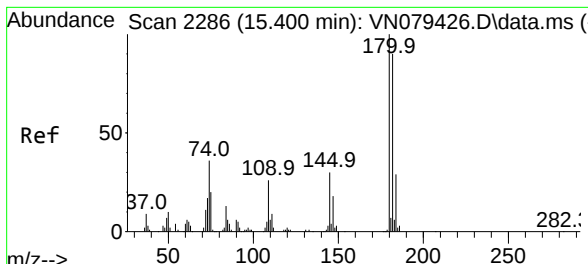
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 75.619 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079425.D
Acq: 05 Oct 2023 17:26

Tgt Ion: 75 Resp: 72840
Ion Ratio Lower Upper
75 100
155 74.7 39.1 117.2
157 99.9 50.3 150.9





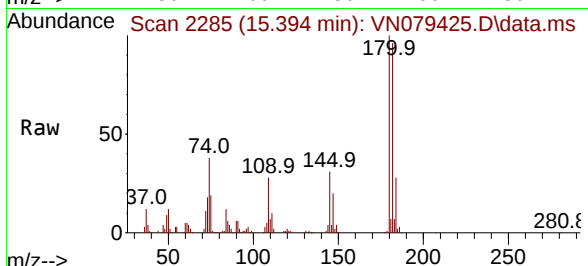
#93
 1,2,4-Trichlorobenzene
 Concen: 84.039 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079425.D
 Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075



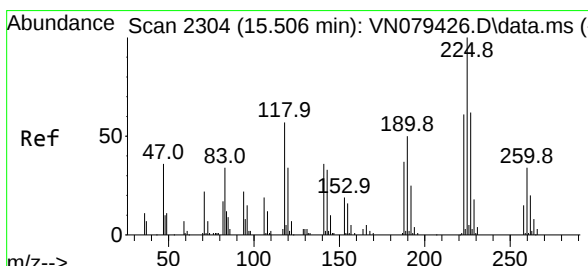
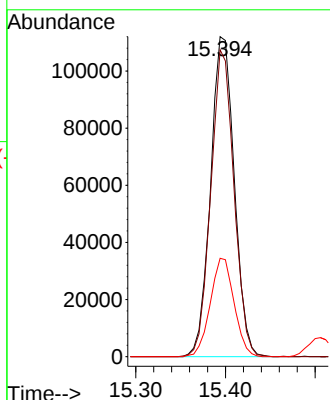
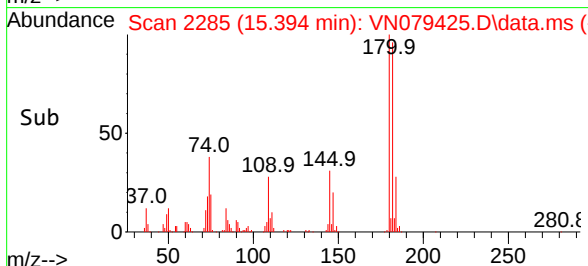
Tgt Ion:180 Resp: 205739
 Ion Ratio Lower Upper
 180 100
 182 93.3 46.1 138.2
 145 30.8 16.6 49.8

Manual Integrations

APPROVED

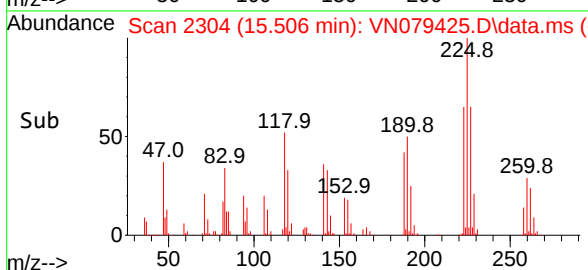
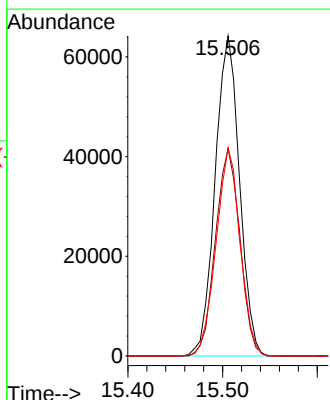
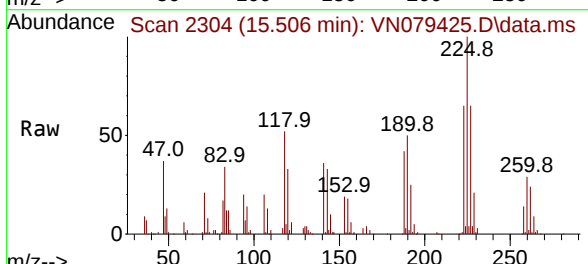
Reviewed By :John Carlone 10/06/2023

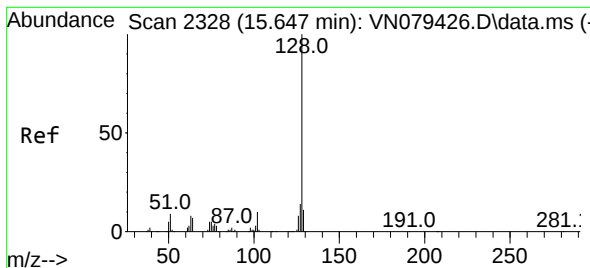
Supervised By :Mahesh Dadoda 10/06/2023



#94
 Hexachlorobutadiene
 Concen: 58.952 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN079425.D
 Acq: 05 Oct 2023 17:26

Tgt Ion:225 Resp: 114818
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.3 93.8
 227 64.0 31.9 95.9





#95

Naphthalene

Concen: 84.982 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:128 Resp: 623589

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

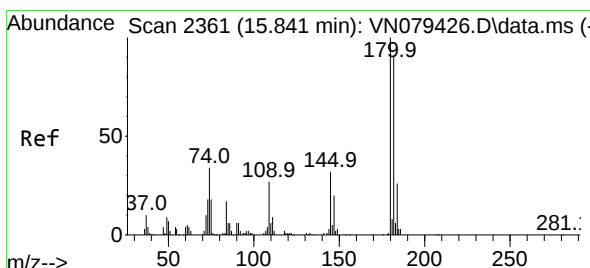
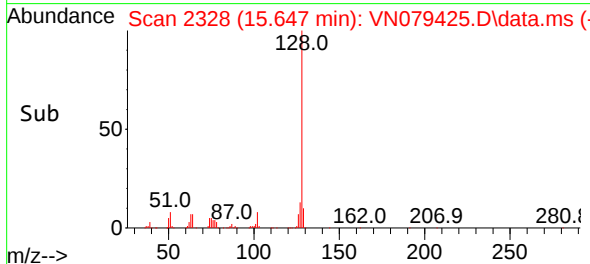
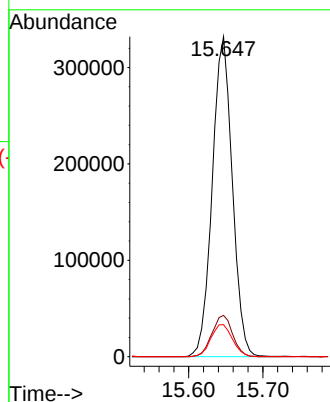
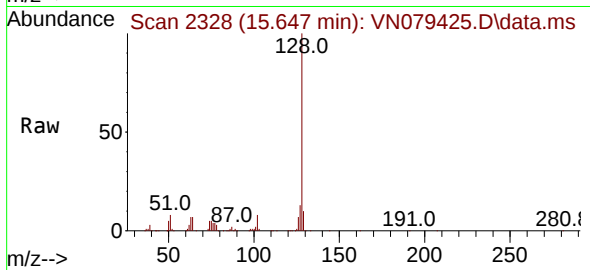
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 73.119 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079425.D

Acq: 05 Oct 2023 17:26

Tgt Ion:180 Resp: 212903

Ion Ratio Lower Upper

180 100

182 93.3 46.2 138.6

145 32.7 17.5 52.6

