

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079719.D
 Acq On : 30 Oct 2023 11:22
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 07:10:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:05:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	297396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	450933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	48163	10.085	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.160%#		
35) Dibromofluoromethane	8.171	113	37516	10.154	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.300%#		
50) Toluene-d8	10.571	98	134625	9.774	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	19.540%#		
62) 4-Bromofluorobenzene	12.853	95	38768	8.938	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	41903	10.673	ug/l	94
3) Chloromethane	2.365	50	50393	10.596	ug/l	96
4) Vinyl Chloride	2.518	62	53988	10.540	ug/l	99
5) Bromomethane	2.965	94	37785	11.238	ug/l	98
6) Chloroethane	3.124	64	38493	10.259	ug/l	93
7) Trichlorofluoromethane	3.501	101	63232	10.498	ug/l	94
8) Diethyl Ether	3.965	74	21643	9.929	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.365	101	36465	10.453	ug/l	99
10) Methyl Iodide	4.595	142	33486	9.537	ug/l #	95
11) Tert butyl alcohol	5.524	59	31534	49.781	ug/l #	90
12) 1,1-Dichloroethene	4.342	96	33405	10.223	ug/l	83
13) Acrolein	4.183	56	31125	48.846	ug/l	97
14) Allyl chloride	5.030	41	58057	10.595	ug/l #	89
15) Acrylonitrile	5.730	53	102411	52.539	ug/l	98
16) Acetone	4.436	43	102301	50.068	ug/l #	87
17) Carbon Disulfide	4.718	76	105544	10.578	ug/l	99
18) Methyl Acetate	5.030	43	86363	10.477	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	112147	10.144	ug/l #	89
20) Methylene Chloride	5.277	84	42516	10.508	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	37748	10.178	ug/l #	77
22) Diisopropyl ether	6.677	45	127892	10.382	ug/l #	90
23) Vinyl Acetate	6.612	43	335558	49.474	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	77497	10.498	ug/l	96
25) 2-Butanone	7.489	43	138974	49.516	ug/l #	81
26) 2,2-Dichloropropane	7.500	77	60777	10.175	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	43365	10.155	ug/l	88
28) Bromochloromethane	7.812	49	35744	9.899	ug/l #	75
29) Tetrahydrofuran	7.847	42	88497	51.612	ug/l #	76
30) Chloroform	7.971	83	78350	10.540	ug/l	95
31) Cyclohexane	8.259	56	69935	10.733	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	67761	10.516	ug/l	92
36) 1,1-Dichloropropene	8.377	75	57476	10.486	ug/l	92
37) Ethyl Acetate	7.571	43	54348	10.003	ug/l #	93
38) Carbon Tetrachloride	8.365	117	55184	10.096	ug/l	97
39) Methylcyclohexane	9.600	83	54714	10.035	ug/l #	85
40) Benzene	8.612	78	166117	10.268	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	28159	9.937	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	62068	10.563	ug/l	99
43) Isopropyl Acetate	8.694	43	88439	10.182	ug/l #	91
44) Trichloroethene	9.353	130	40927	10.444	ug/l	98
45) 1,2-Dichloropropane	9.630	63	43797	10.193	ug/l	97
46) Dibromomethane	9.712	93	31021	10.705	ug/l	96
47) Bromodichloromethane	9.894	83	59772	10.282	ug/l	96
48) Methyl methacrylate	9.682	41	39343	9.770	ug/l #	82
49) 1,4-Dioxane	9.700	88	14388	203.042	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	275110	50.904	ug/l	89
52) Toluene	10.635	92	97480	9.870	ug/l	93
53) t-1,3-Dichloropropene	10.841	75	56949	9.701	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	65394	10.182	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	41413	10.603	ug/l	94
56) Ethyl methacrylate	10.877	69	53088	9.624	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	69591	10.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	90766	44.663	ug/l	90
59) 2-Hexanone	11.200	43	194902	49.047	ug/l	85
60) Dibromochloromethane	11.365	129	41864	10.358	ug/l	99
61) 1,2-Dibromoethane	11.471	107	39879	10.248	ug/l	97
64) Tetrachloroethene	11.106	164	35563	11.117	ug/l	92
65) Chlorobenzene	11.894	112	101521	10.172	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	39612	10.681	ug/l	98
67) Ethyl Benzene	11.965	91	175586	9.986	ug/l	100
68) m/p-Xylenes	12.076	106	130989	20.141	ug/l	94
69) o-Xylene	12.406	106	62919	10.061	ug/l	95
70) Styrene	12.418	104	95521	9.535	ug/l	96
71) Bromoform	12.582	173	26441	9.954	ug/l #	100
73) Isopropylbenzene	12.700	105	157535	10.848	ug/l	99
74) N-amyl acetate	12.500	43	61054	10.570	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	58081	11.297	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	51362m	12.191	ug/l	
77) Bromobenzene	12.982	156	36892	10.803	ug/l	93
78) n-propylbenzene	13.041	91	177448	10.608	ug/l	98
79) 2-Chlorotoluene	13.129	91	113752	10.909	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	128194	10.830	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	15028	10.413	ug/l #	83
82) 4-Chlorotoluene	13.229	91	107579	10.741	ug/l	98
83) tert-Butylbenzene	13.441	119	105130	10.837	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	122058	10.688	ug/l	99
85) sec-Butylbenzene	13.623	105	144409	10.672	ug/l	99
86) p-Isopropyltoluene	13.735	119	111084	10.307	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	59674	10.329	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	59489	10.336	ug/l	97
89) n-Butylbenzene	14.059	91	82048	9.582	ug/l	97
90) Hexachloroethane	14.335	117	24886	10.928	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	60721	10.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	8622	10.874	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	14950	8.926	ug/l	95
94) Hexachlorobutadiene	15.506	225	16359	11.008	ug/l	98
95) Naphthalene	15.641	128	43722	8.991	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	17940	9.591	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:05:58 2023
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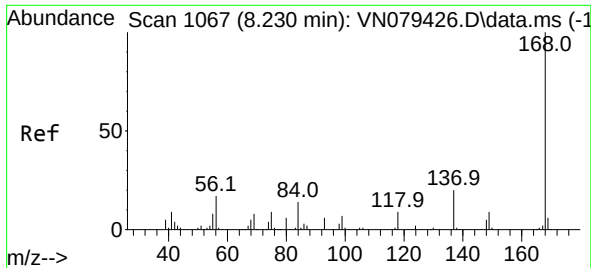
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

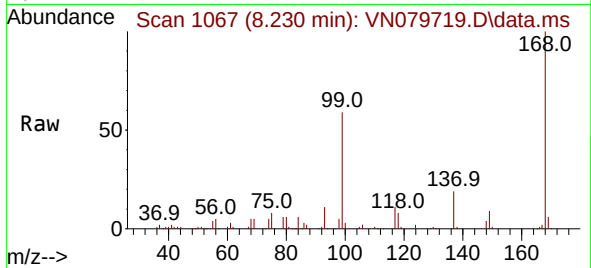
Reviewed By :John Carlone 10/31/2023
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[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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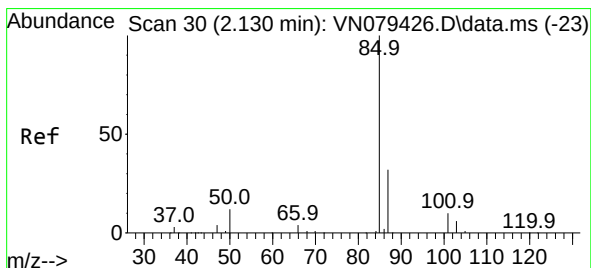
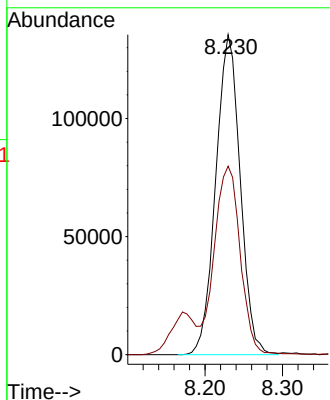
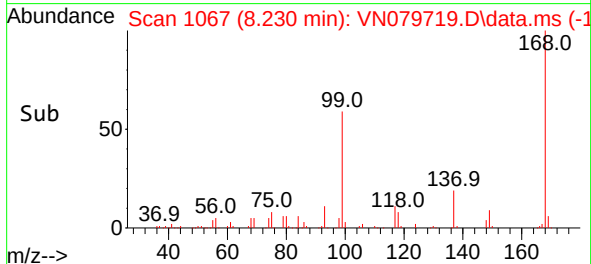
Instrument :
MSVOA_N
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VSTDIC010



Tgt Ion:168 Resp: 297390
Ion Ratio Lower Upper
168 100
99 58.5 53.0 79.6

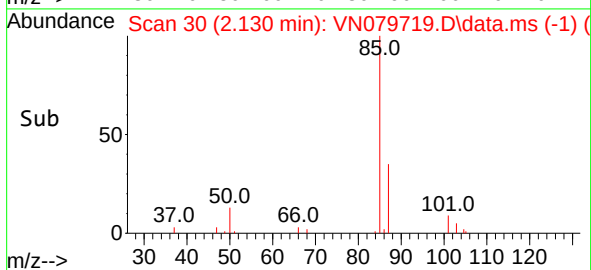
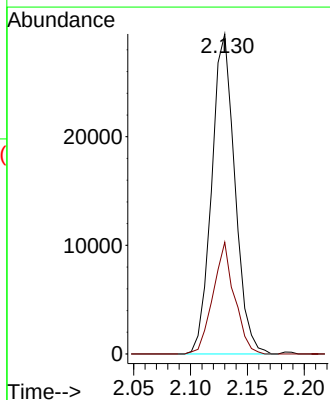
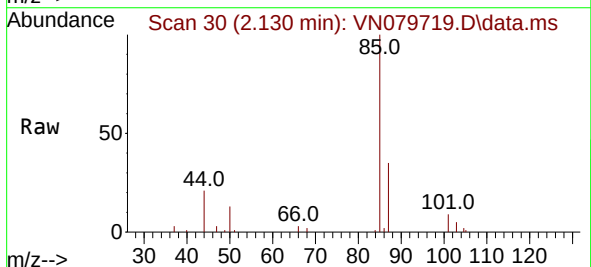
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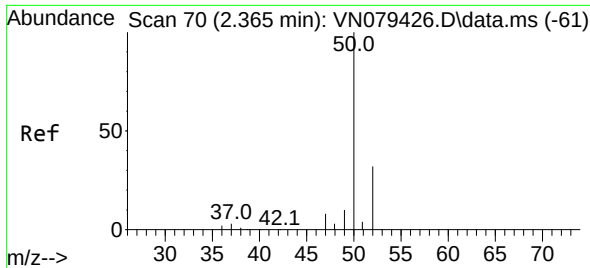
Reviewed By :John Carlone 10/31/2023
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#2
Dichlorodifluoromethane
Concen: 10.673 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion: 85 Resp: 41903
Ion Ratio Lower Upper
85 100
87 34.9 15.8 47.4





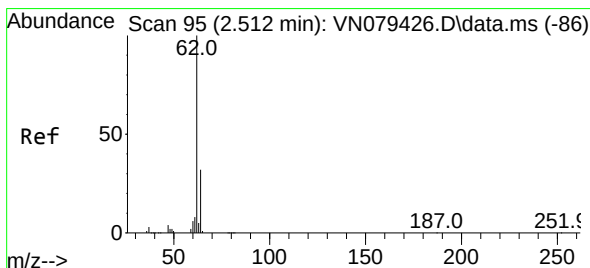
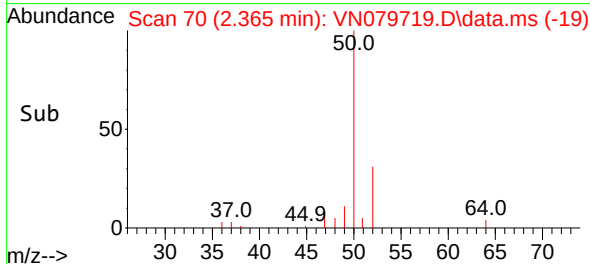
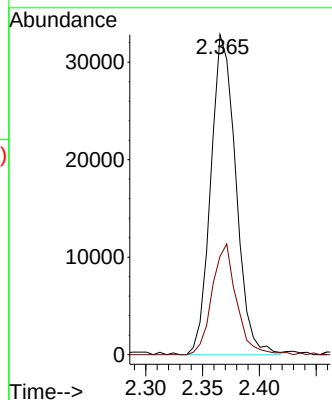
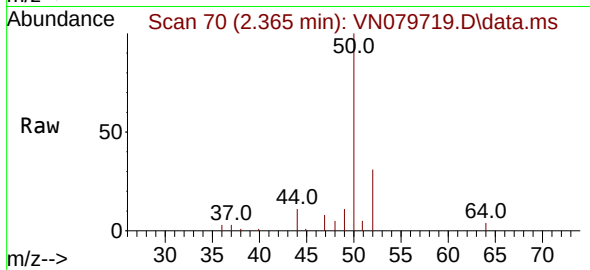
#3
Chloromethane
Concen: 10.596 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079719.D
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Instrument :
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ClientSampleId :
VSTDIC010

Tgt Ion: 50 Resp: 5039
Ion Ratio Lower Upper
50 100
52 30.7 26.5 39.7

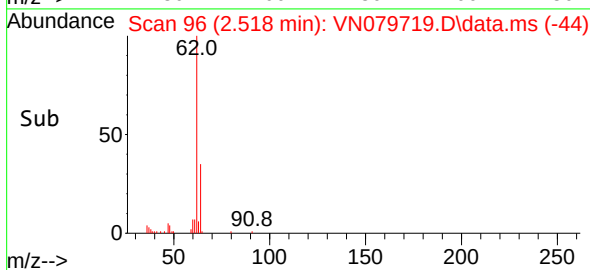
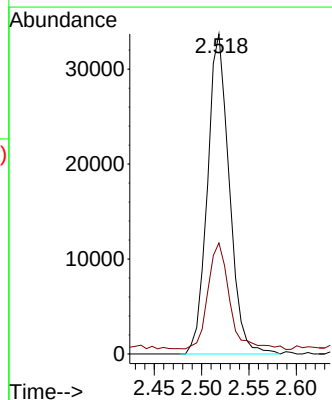
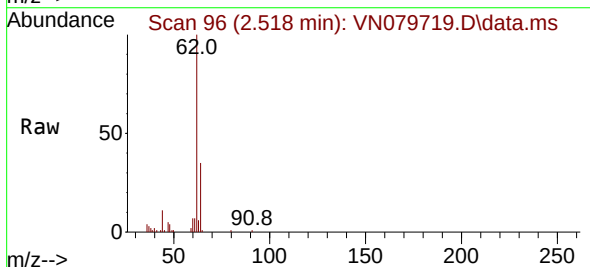
Manual Integrations
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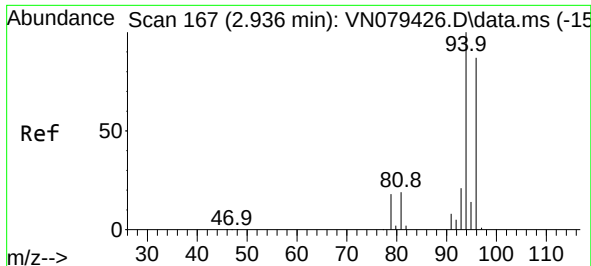
Reviewed By :John Carlone 10/31/2023
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#4
Vinyl Chloride
Concen: 10.540 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion: 62 Resp: 53988
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.2





#5

Bromomethane

Concen: 11.238 ug/l

RT: 2.965 min Scan# 11

Delta R.T. 0.029 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 94 Resp: 3778

Ion Ratio Lower Upper

94 100

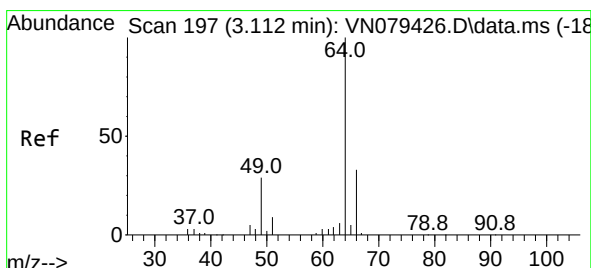
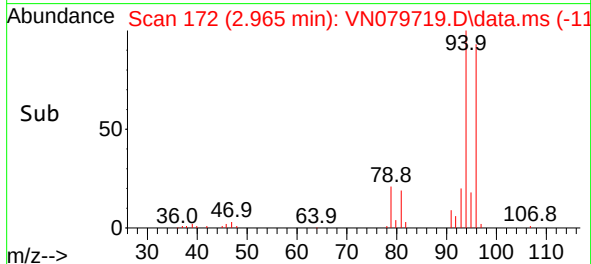
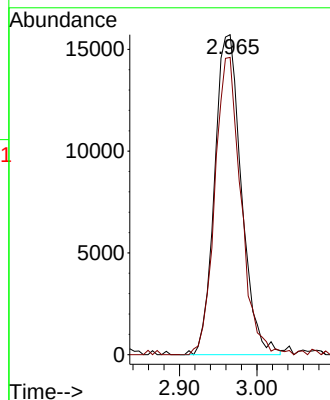
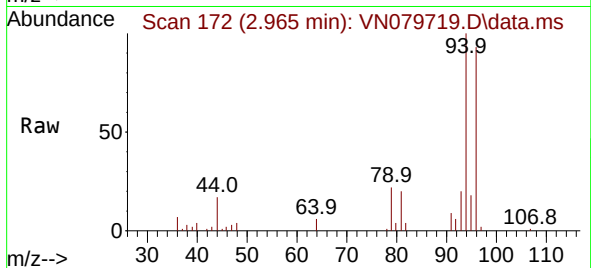
96 92.9 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 10.259 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.012 min

Lab File: VN079719.D

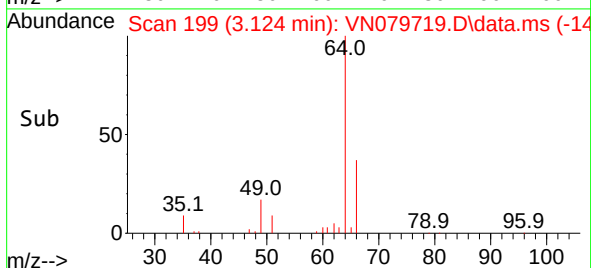
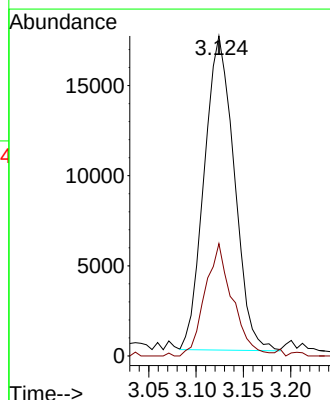
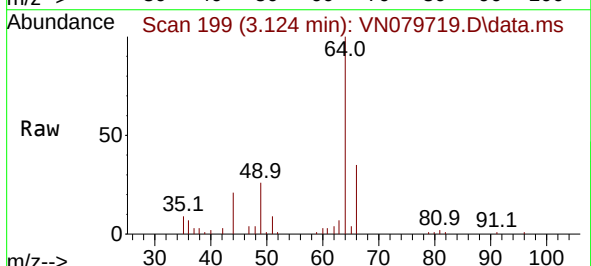
Acq: 30 Oct 2023 11:22

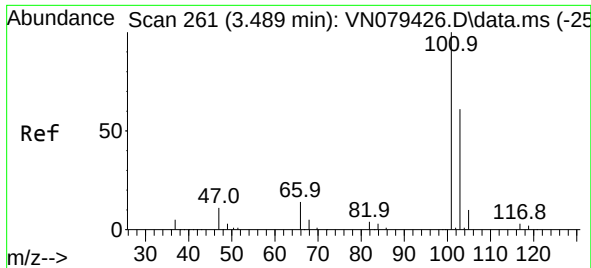
Tgt Ion: 64 Resp: 38493

Ion Ratio Lower Upper

64 100

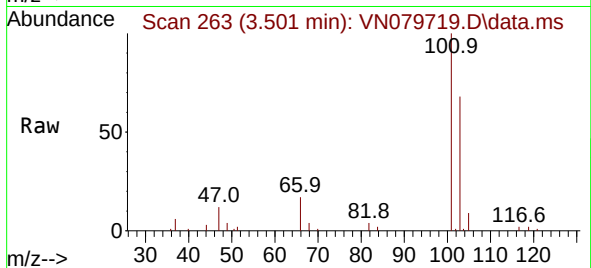
66 35.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 10.498 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.012 min
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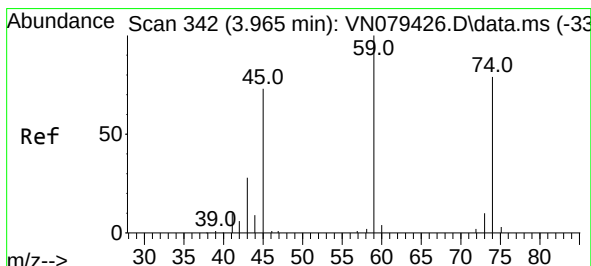
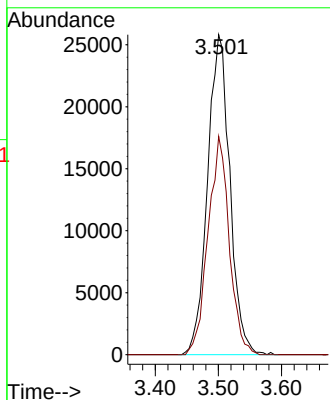
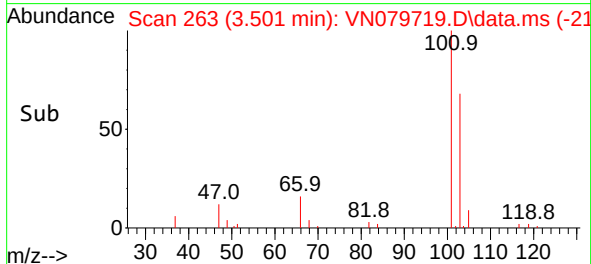
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 6323
Ion Ratio Lower Upper
101 100
103 68.2 50.7 76.1

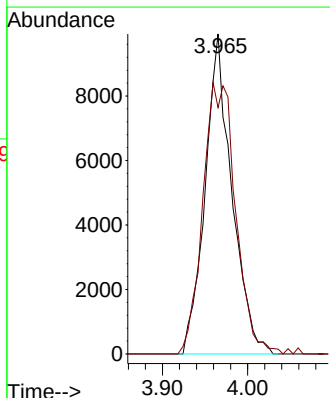
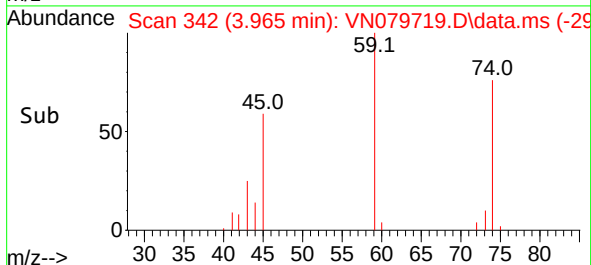
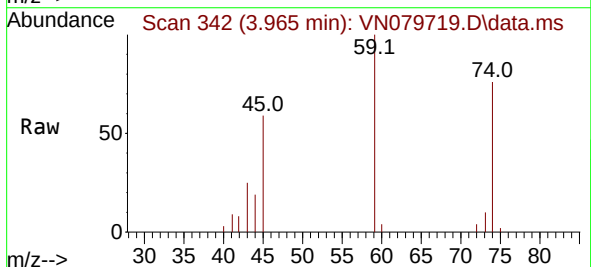
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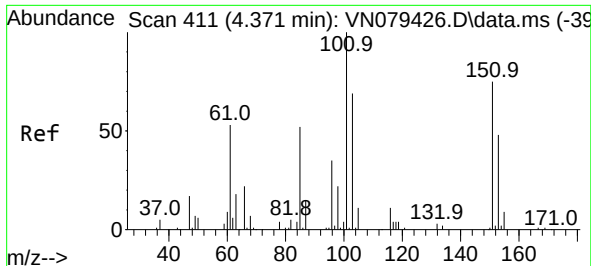
Reviewed By :John Carlone 10/31/2023
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#8
Diethyl Ether
Concen: 9.929 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
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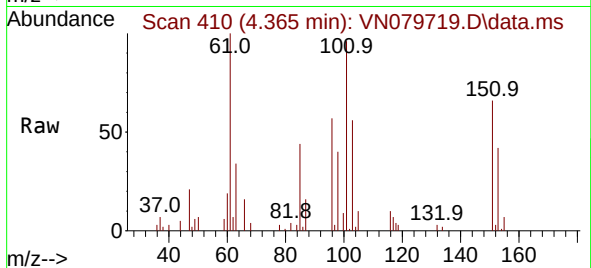
Tgt Ion: 74 Resp: 21643
Ion Ratio Lower Upper
74 100
45 103.9 34.4 103.3#





#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.453 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
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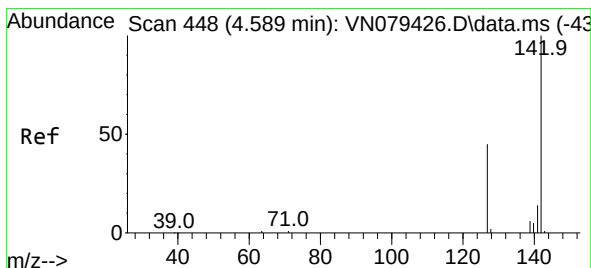
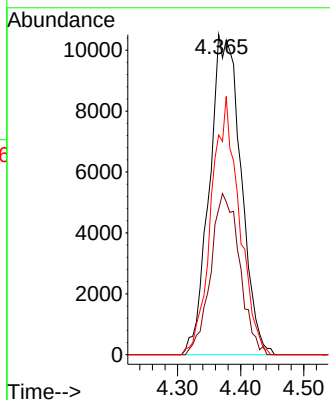
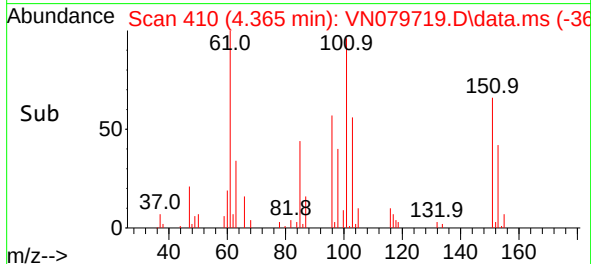
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



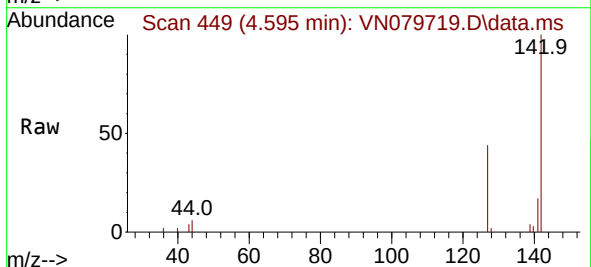
Tgt Ion:101 Resp: 3646
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 71.4 57.6 86.4

Manual Integrations
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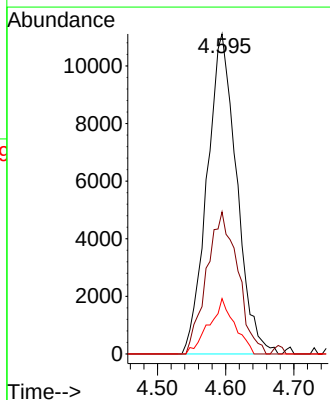
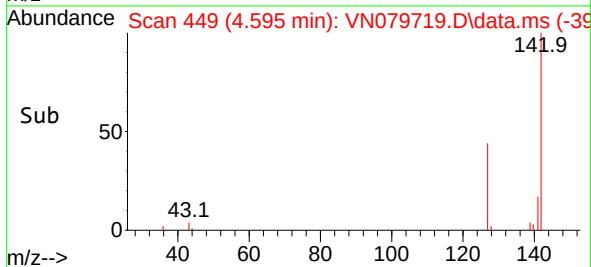
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

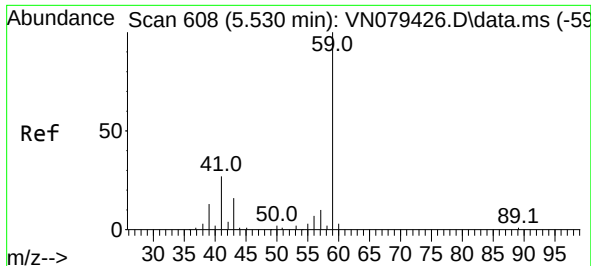


#10
Methyl Iodide
Concen: 9.537 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22



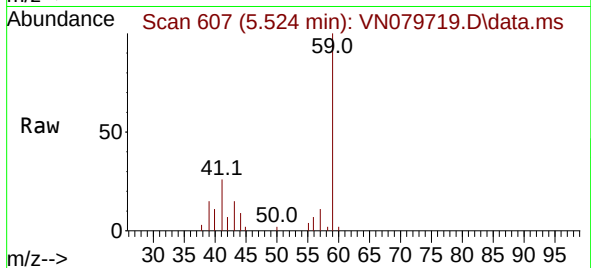
Tgt Ion:142 Resp: 33486
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 17.3 11.4 17.0#





#11
Tert butyl alcohol
Concen: 49.781 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

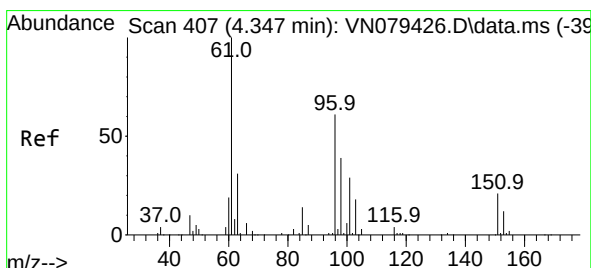
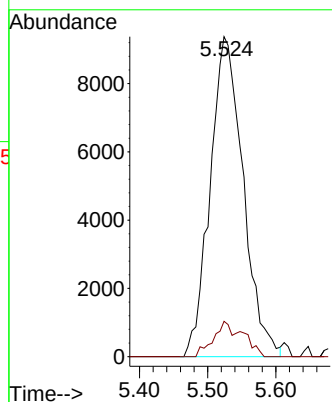
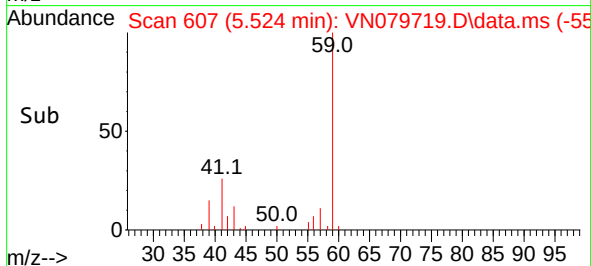
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 59 Resp: 31534
Ion Ratio Lower Upper
59 100
57 6.7 8.2 12.4

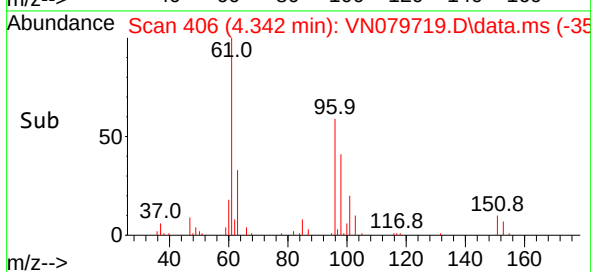
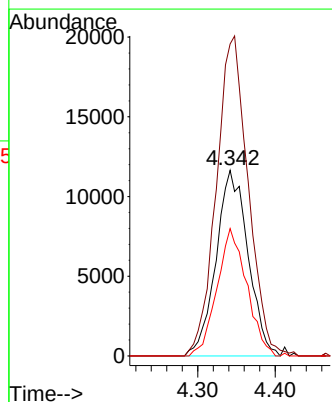
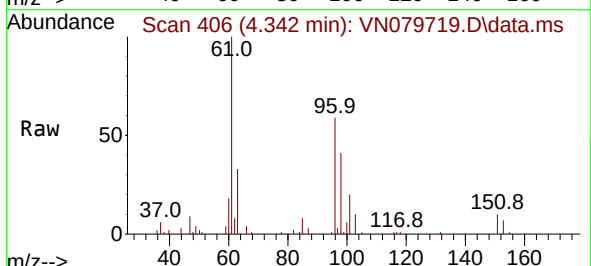
Manual Integrations
APPROVED

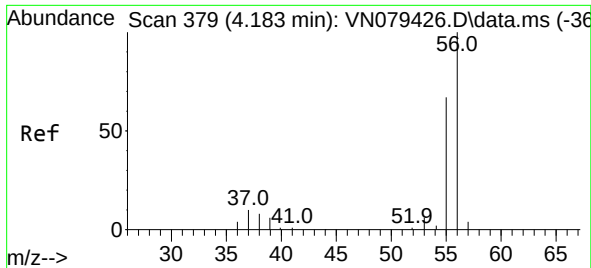
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#12
1,1-Dichloroethene
Concen: 10.223 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.005 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

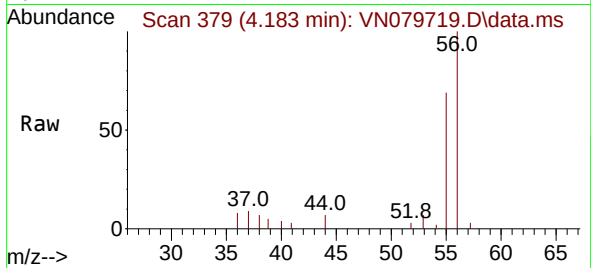
Tgt Ion: 96 Resp: 33405
Ion Ratio Lower Upper
96 100
61 168.1 112.7 169.1
98 68.6 51.2 76.8





#13
Acrolein
Concen: 48.846 ug/l
RT: 4.183 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

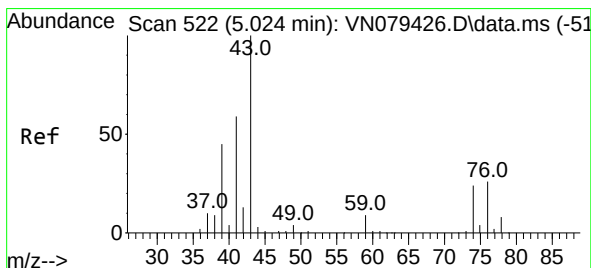
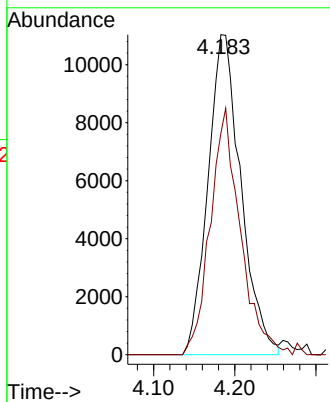
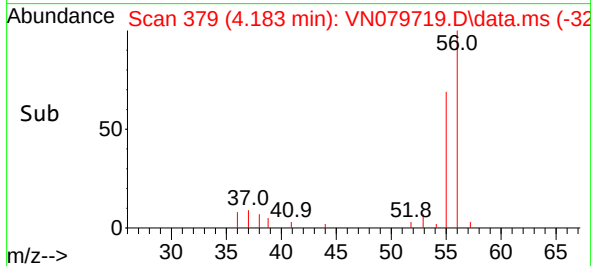
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 3112
Ion Ratio Lower Upper
56 100
55 70.3 54.5 81.7

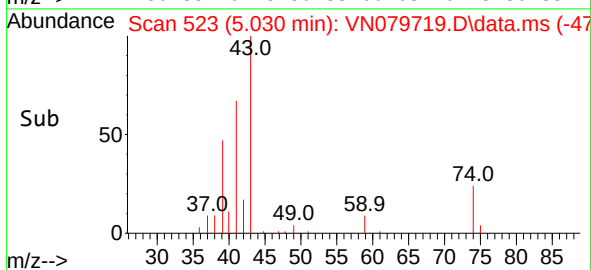
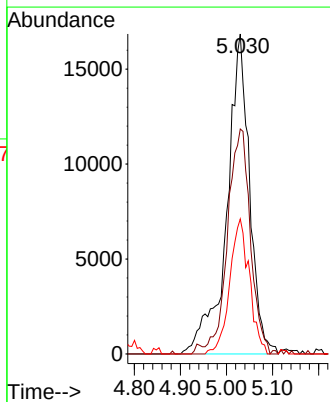
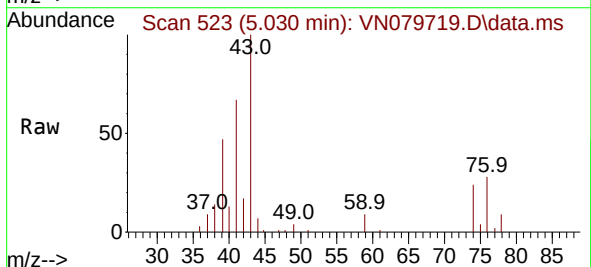
Manual Integrations
APPROVED

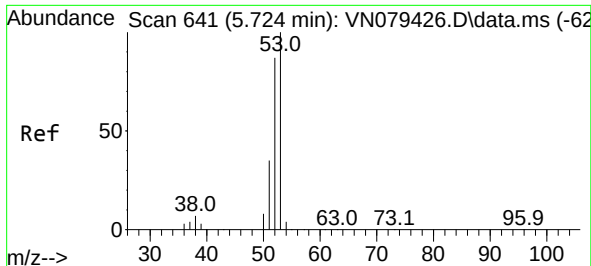
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#14
Allyl chloride
Concen: 10.595 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

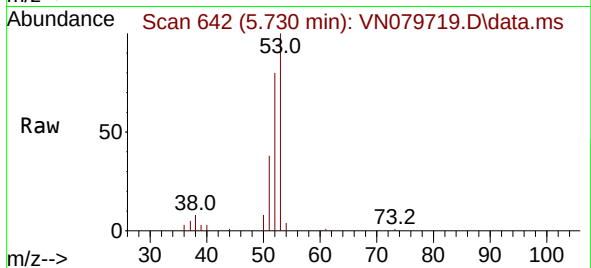
Tgt Ion: 41 Resp: 58057
Ion Ratio Lower Upper
41 100
39 68.2 58.8 88.2
76 36.3 39.1 58.7#





#15
Acrylonitrile
Concen: 52.539 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

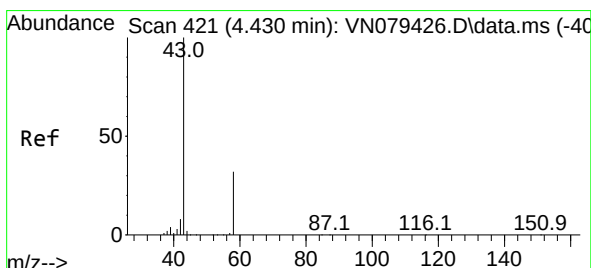
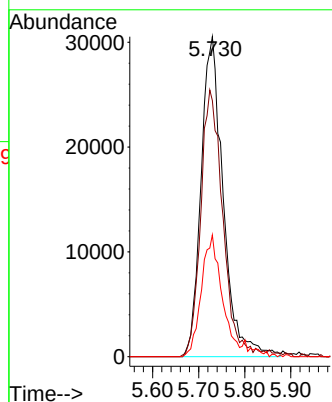
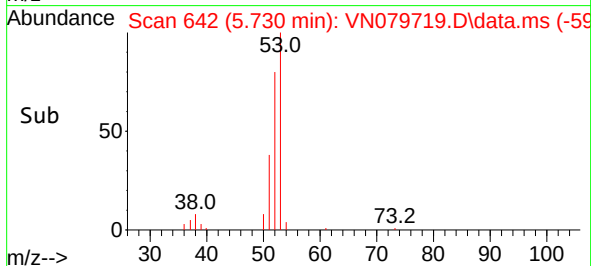
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 10241
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 35.1 28.9 43.3

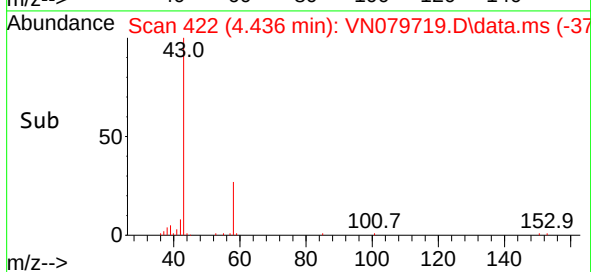
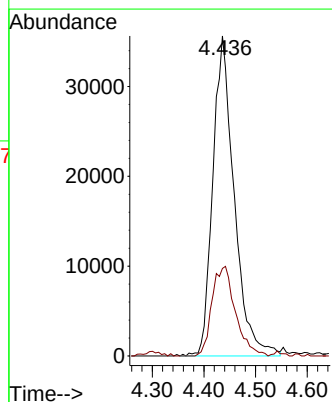
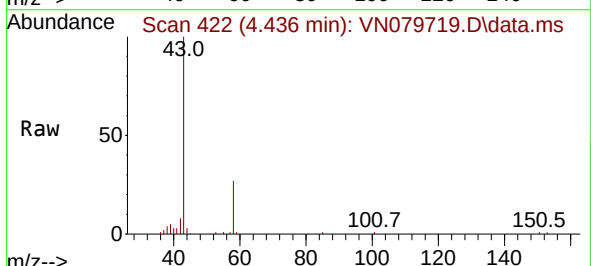
Manual Integrations
APPROVED

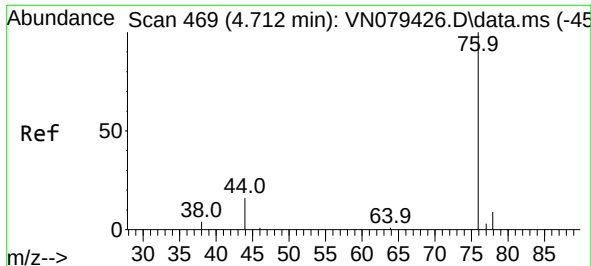
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#16
Acetone
Concen: 50.068 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion: 43 Resp: 102301
Ion Ratio Lower Upper
43 100
58 27.4 28.0 42.0#





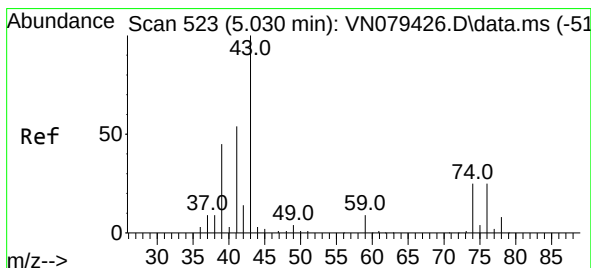
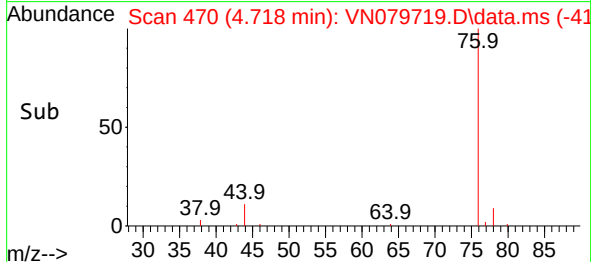
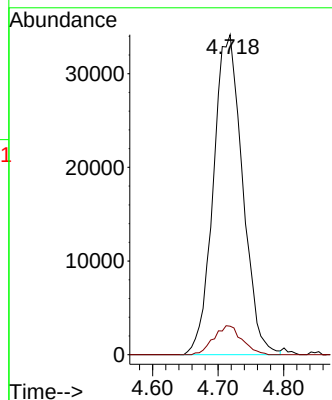
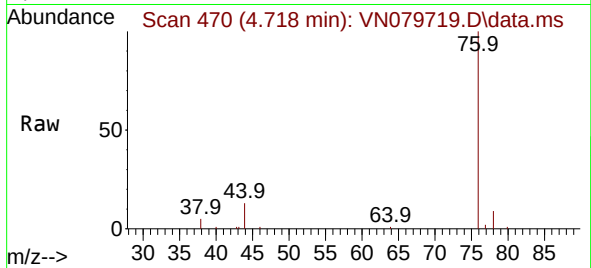
#17
Carbon Disulfide
Concen: 10.578 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 105544
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

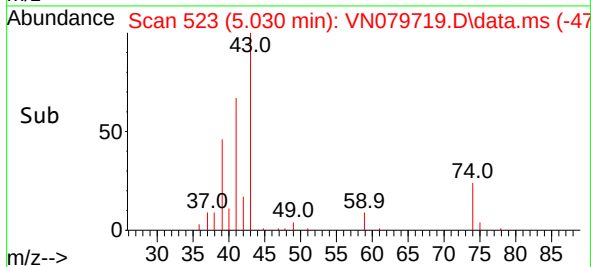
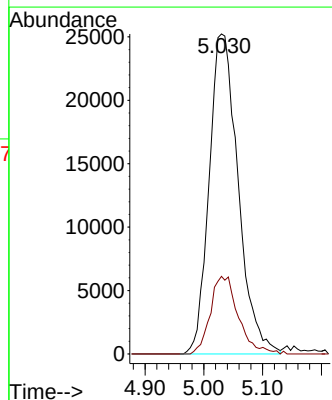
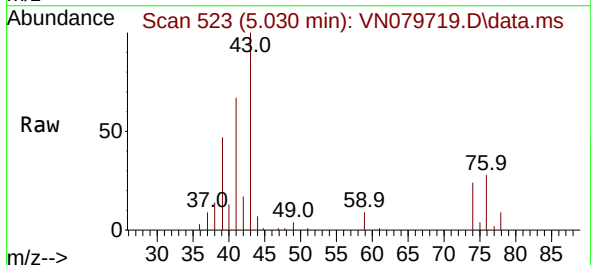
Manual Integrations
APPROVED

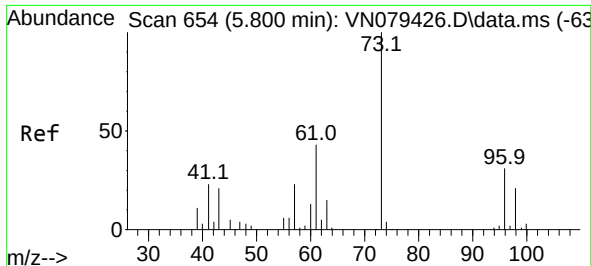
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 10.477 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion: 43 Resp: 86363
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#





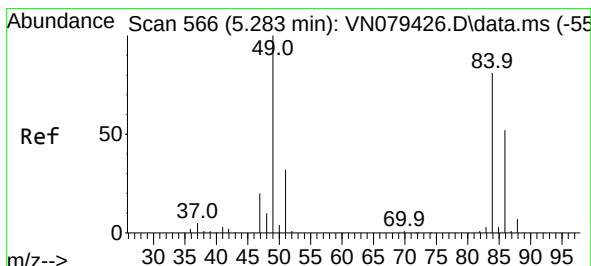
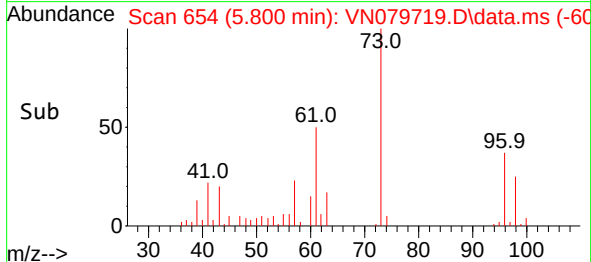
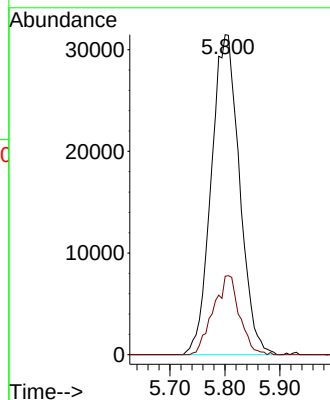
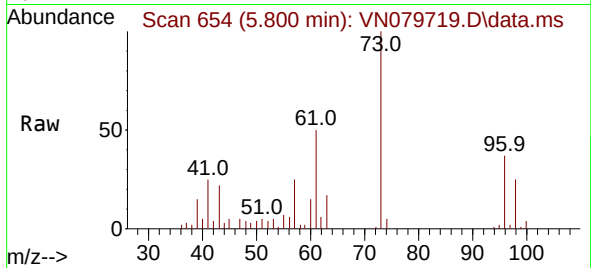
#19
Methyl tert-butyl Ether
Concen: 10.144 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 11214
Ion Ratio Lower Upper
73 100
57 24.5 15.6 23.4

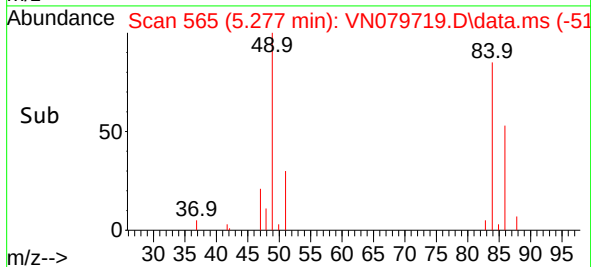
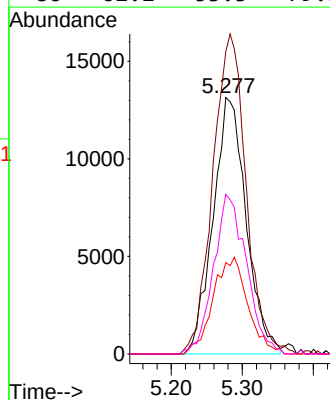
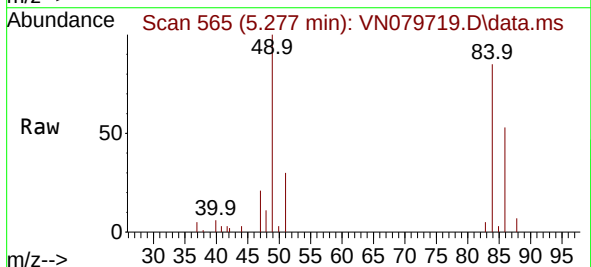
Manual Integrations
APPROVED

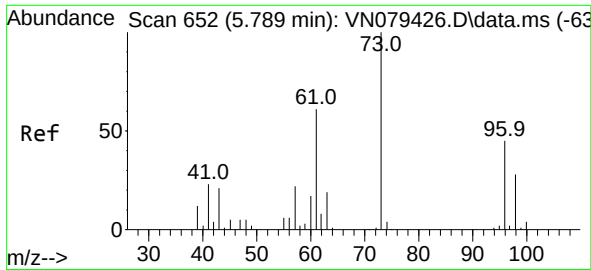
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#20
Methylene Chloride
Concen: 10.508 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion: 84 Resp: 42516
Ion Ratio Lower Upper
84 100
49 117.9 79.7 119.5
51 35.6 25.2 37.8
86 62.2 53.3 79.9





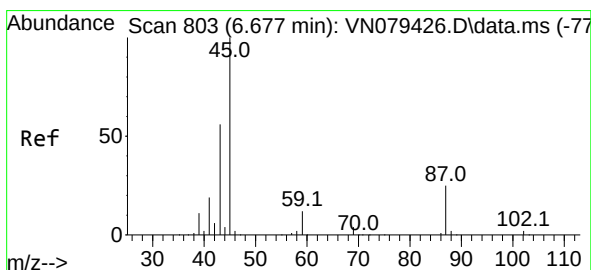
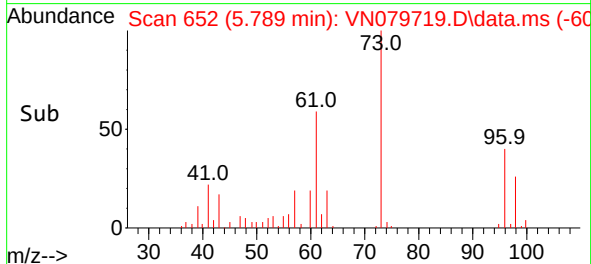
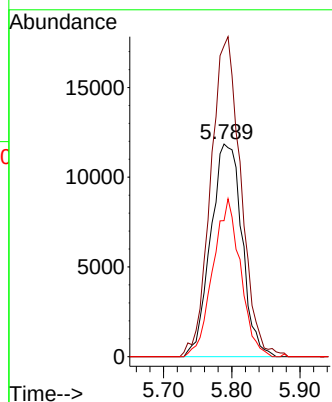
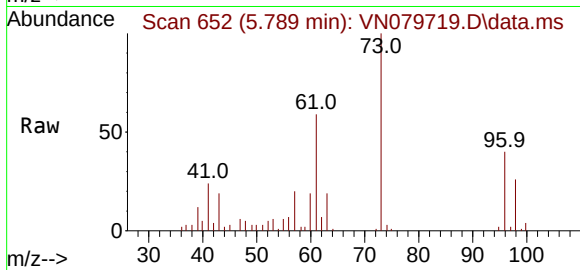
#21
trans-1,2-Dichloroethene
Concen: 10.178 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 37748
Ion Ratio Lower Upper
96 100
61 146.2 90.1 135.1
98 63.9 46.4 69.6

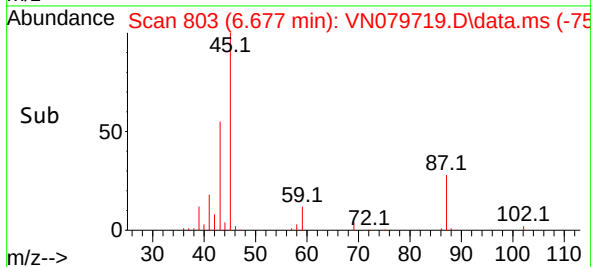
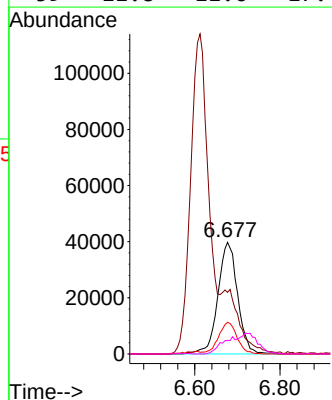
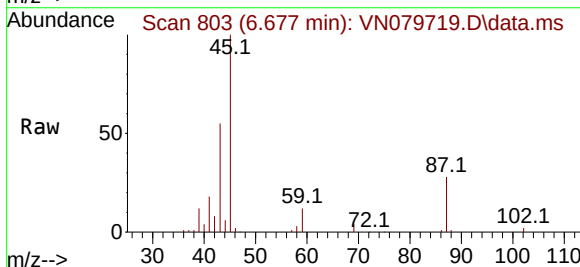
Manual Integrations
APPROVED

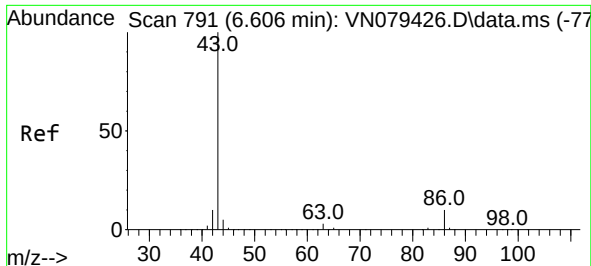
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#22
Diisopropyl ether
Concen: 10.382 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion: 45 Resp: 127892
Ion Ratio Lower Upper
45 100
43 53.2 45.5 68.3
87 28.4 31.8 47.8#
59 11.8 11.6 17.4





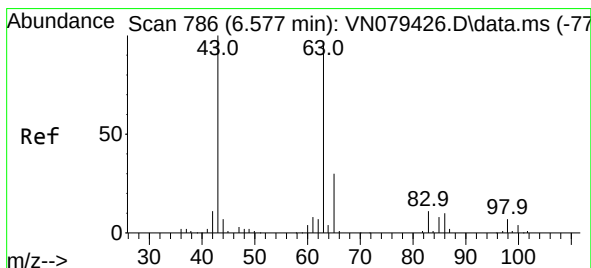
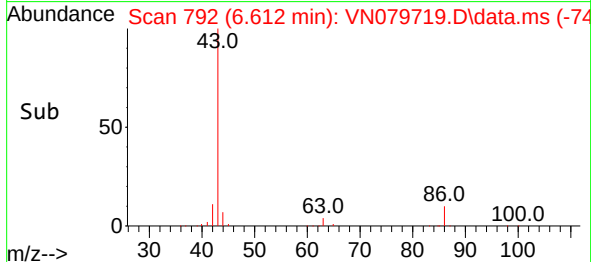
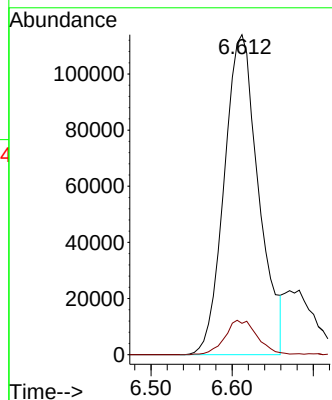
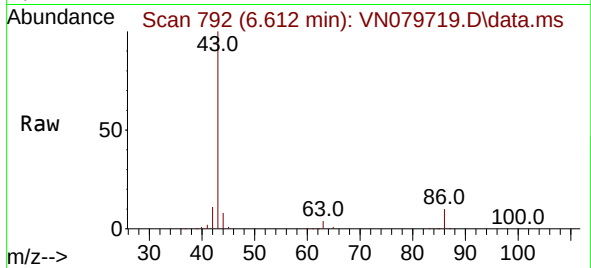
#23
 Vinyl Acetate
 Concen: 49.474 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079719.D
 Acq: 30 Oct 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 335558
 Ion Ratio Lower Upper
 43 100
 86 9.8 13.0 19.6

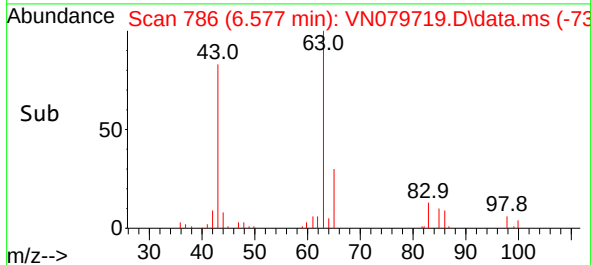
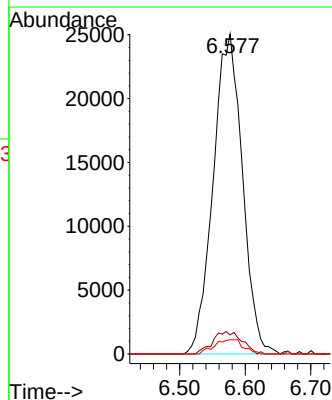
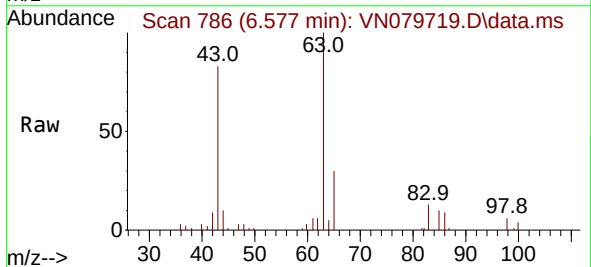
Manual Integrations
 APPROVED

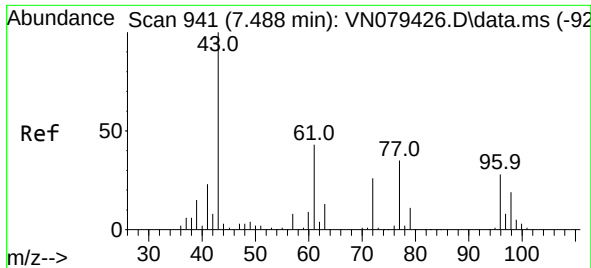
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 10.498 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079719.D
 Acq: 30 Oct 2023 11:22

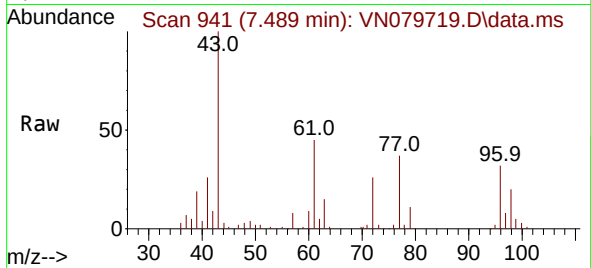
Tgt Ion: 63 Resp: 77497
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 49.516 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

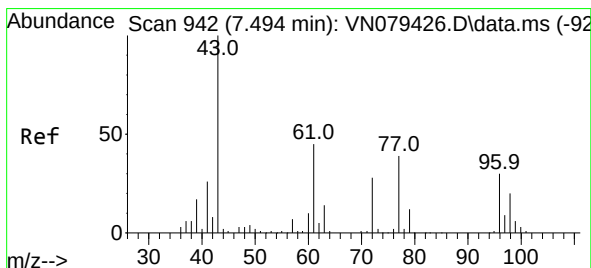
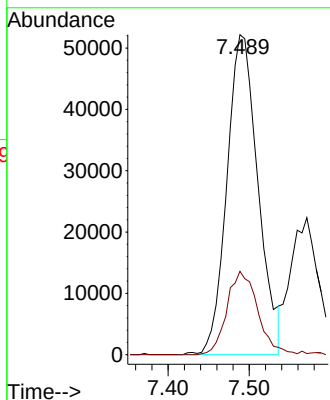
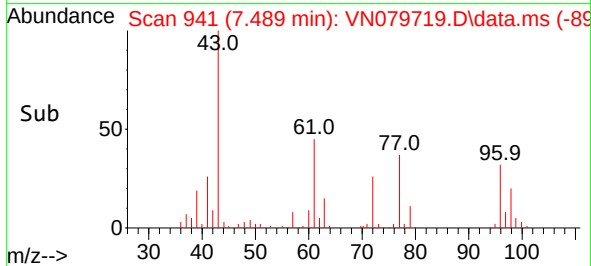
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



Tgt Ion: 43 Resp: 138974
Ion Ratio Lower Upper
43 100
72 26.1 30.2 45.2

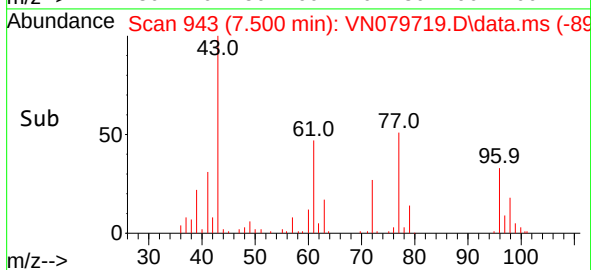
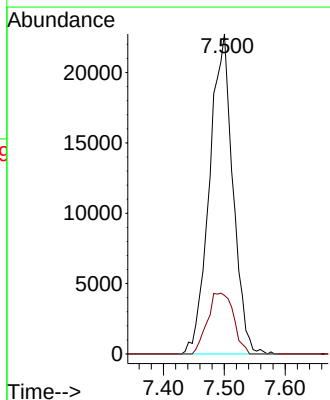
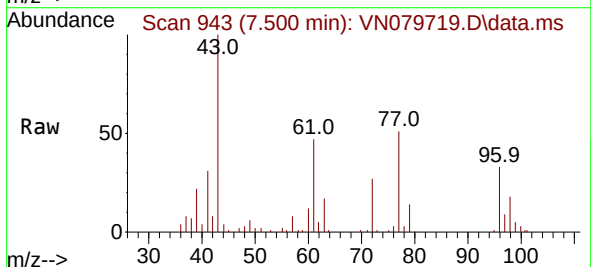
Manual Integrations
APPROVED

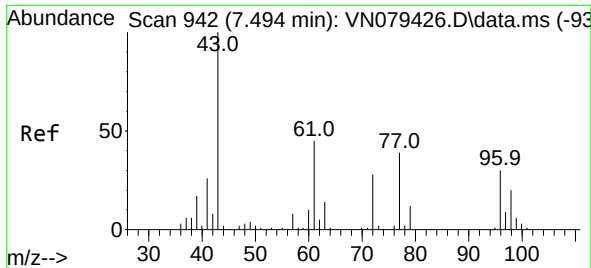
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#26
2,2-Dichloropropane
Concen: 10.175 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

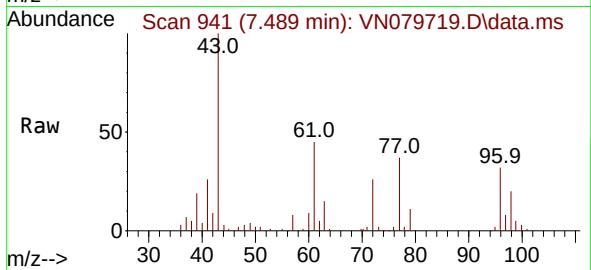
Tgt Ion: 77 Resp: 60777
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 10.155 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

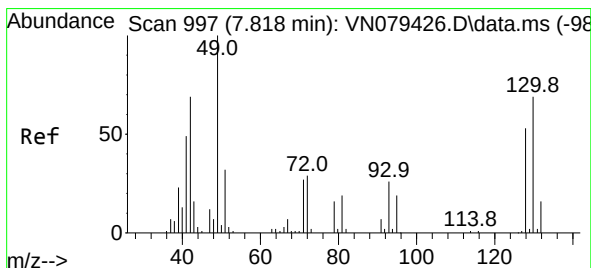
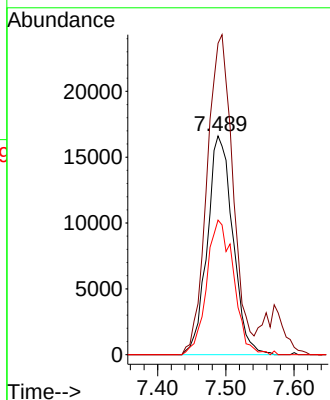
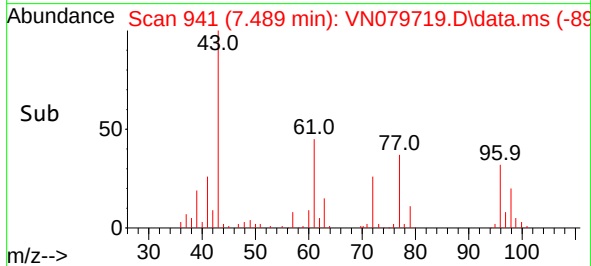
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 4336
Ion Ratio Lower Upper
96 100
61 148.0 0.0 255.2
98 64.9 0.0 128.8

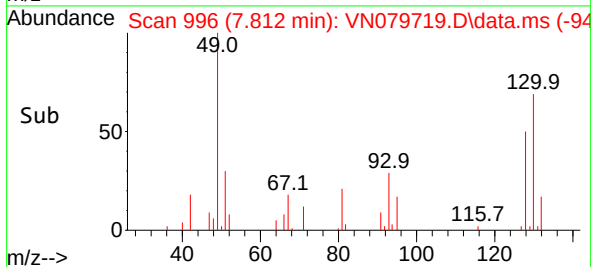
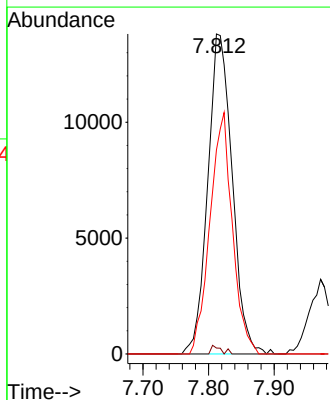
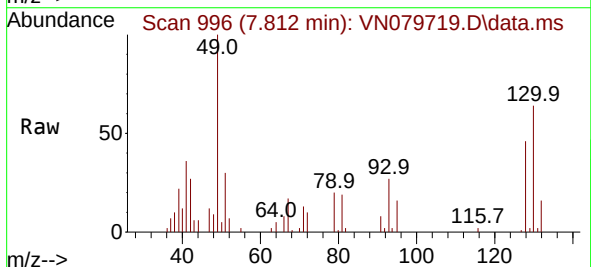
Manual Integrations
APPROVED

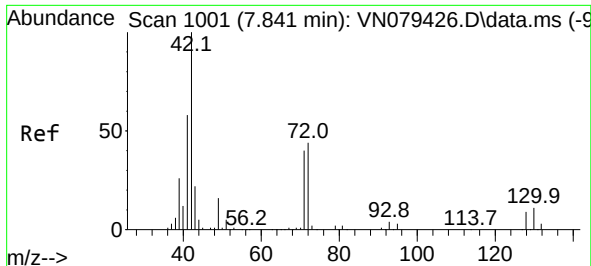
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#28
Bromochloromethane
Concen: 9.899 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion: 49 Resp: 35744
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.8
130 69.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 51.612 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 8849

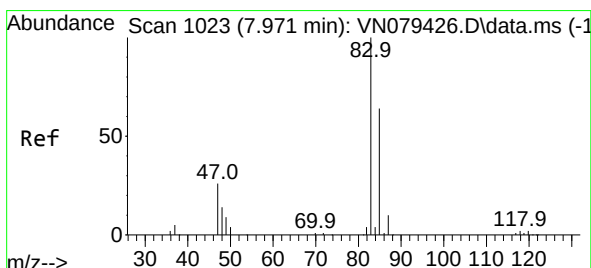
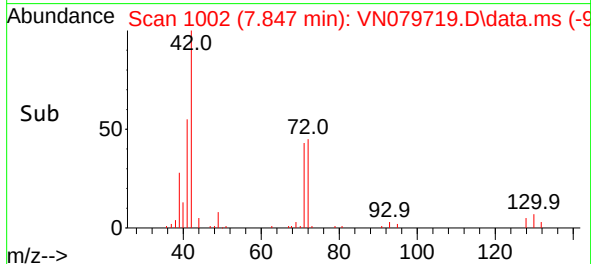
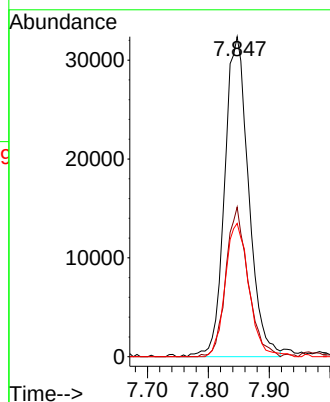
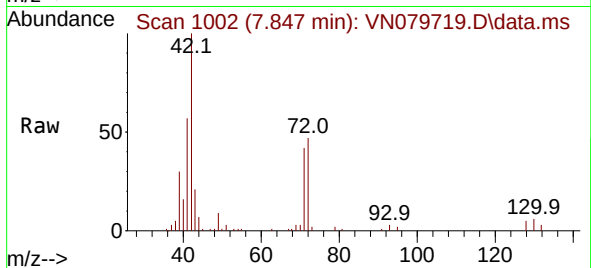
Ion	Ratio	Lower	Upper
42	100		
72	43.2	49.8	74.6
71	41.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 10.540 ug/l

RT: 7.971 min Scan# 1023

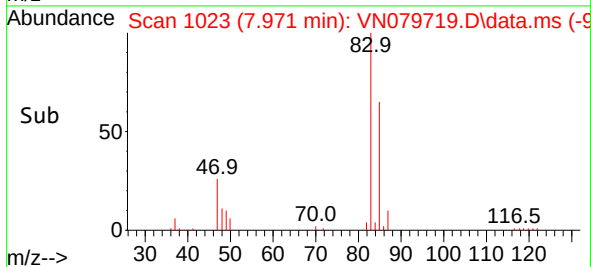
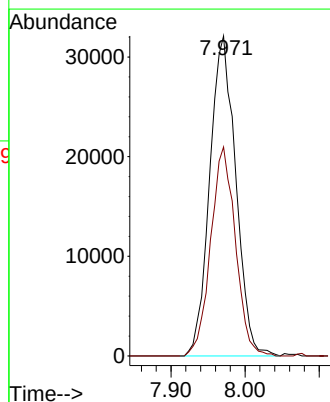
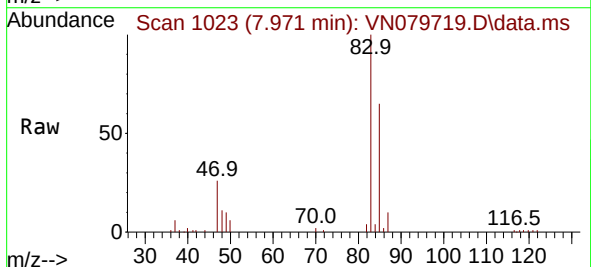
Delta R.T. -0.000 min

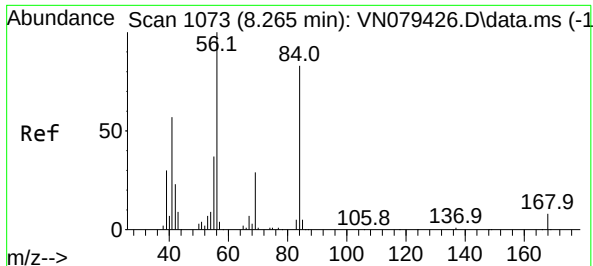
Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Tgt Ion: 83 Resp: 78350

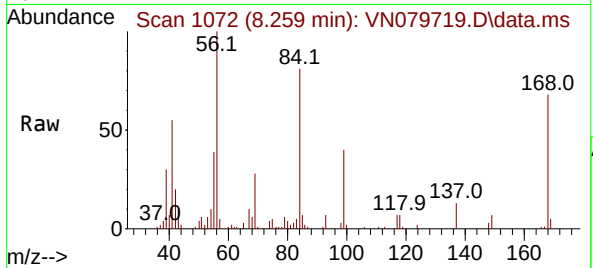
Ion	Ratio	Lower	Upper
83	100		
85	65.3	55.4	83.0





#31
Cyclohexane
Concen: 10.733 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

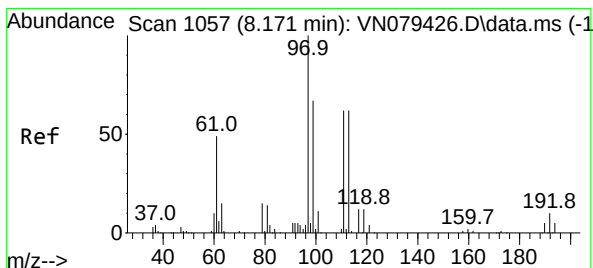
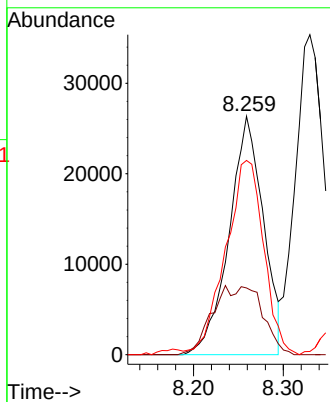
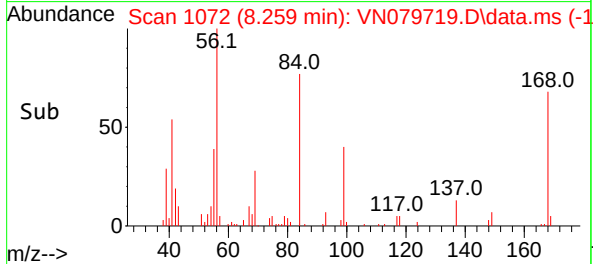
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



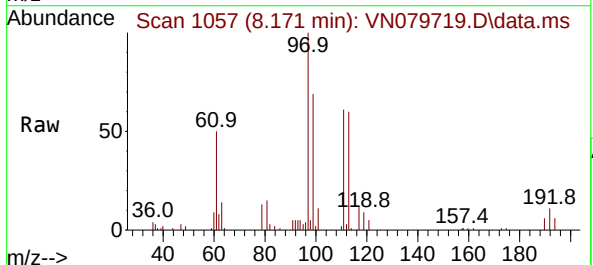
Tgt Ion: 56 Resp: 6993
Ion Ratio Lower Upper
56 100
69 28.0 26.8 40.2
84 79.5 81.8 122.6

Manual Integrations
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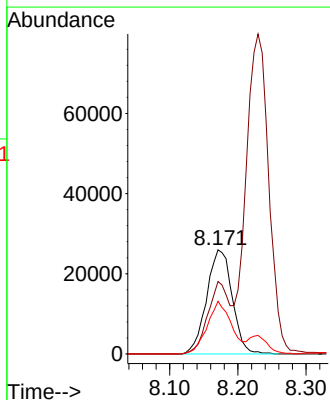
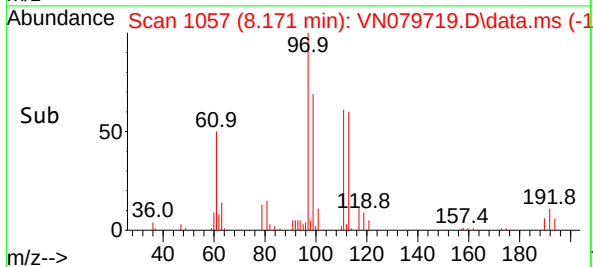
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

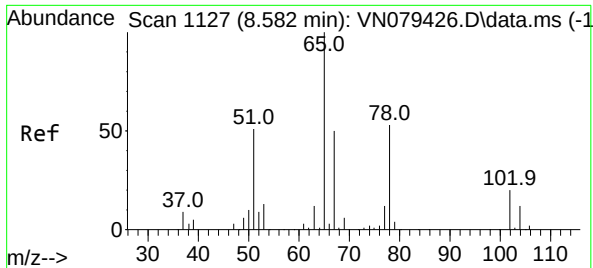


#32
1,1,1-Trichloroethane
Concen: 10.516 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22



Tgt Ion: 97 Resp: 67761
Ion Ratio Lower Upper
97 100
99 55.6 50.3 75.5
61 47.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 10.085 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 4816

Ion Ratio Lower Upper

65 100

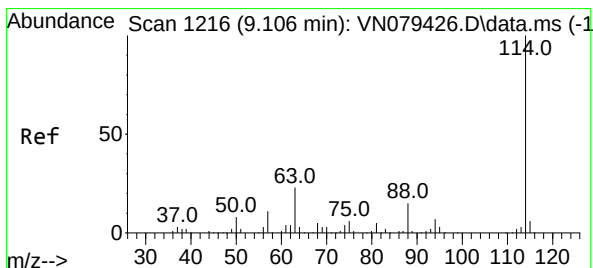
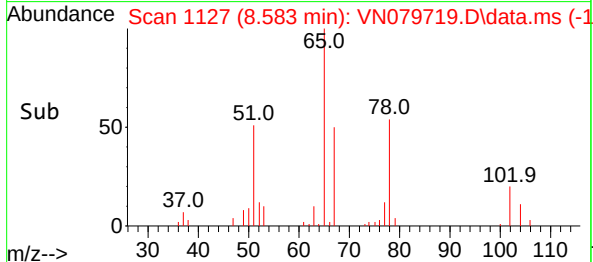
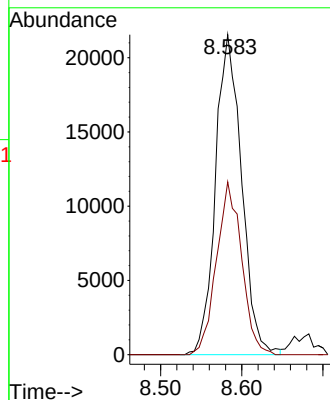
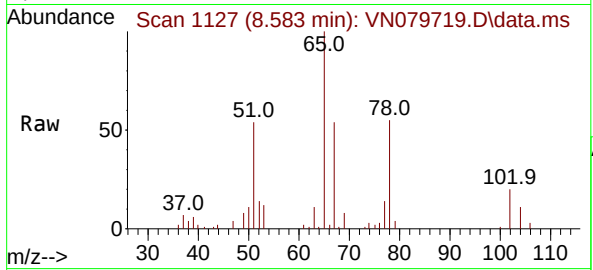
67 52.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

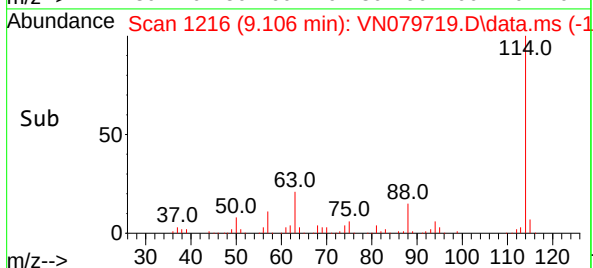
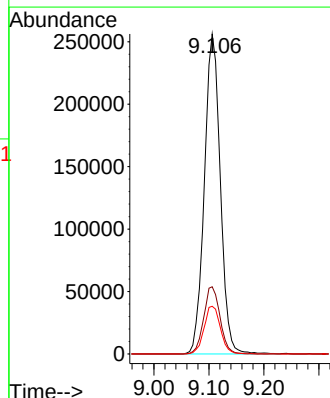
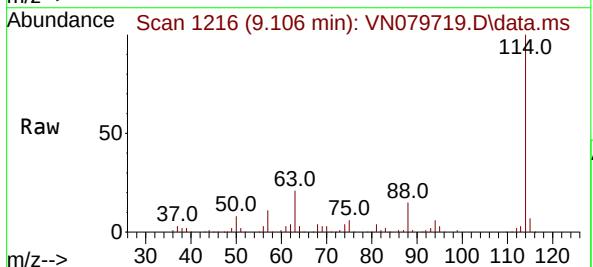
Tgt Ion:114 Resp: 517086

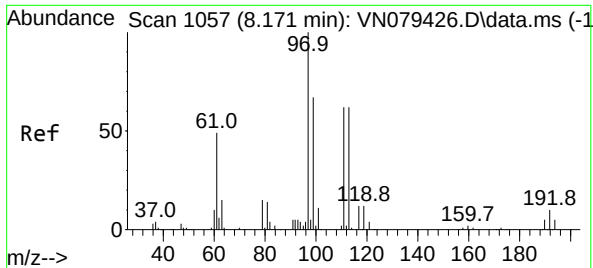
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

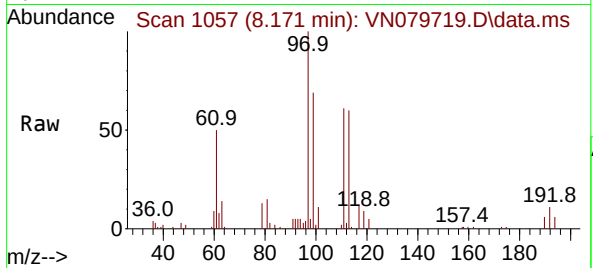
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 10.154 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

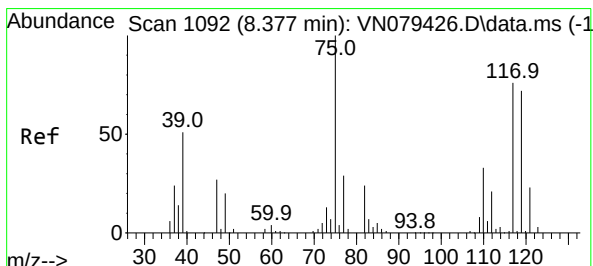
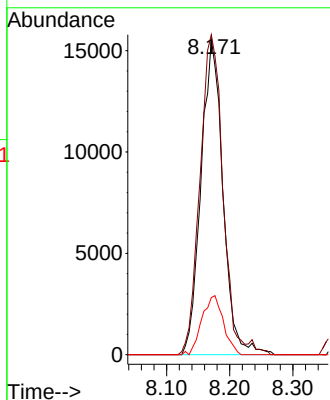
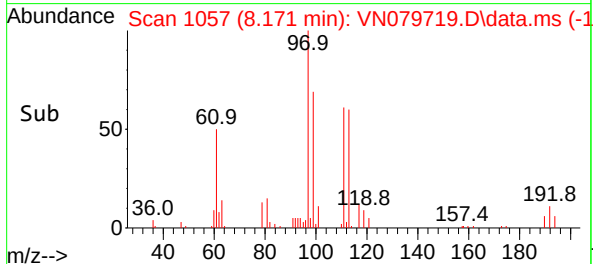
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



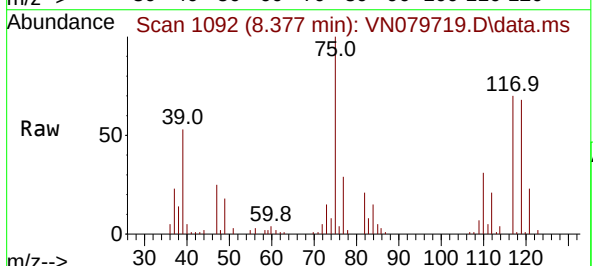
Tgt Ion: 113 Resp: 37510
Ion Ratio Lower Upper
113 100
111 106.7 82.6 123.8
192 18.3 12.7 19.1

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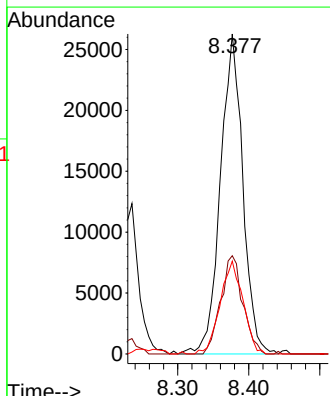
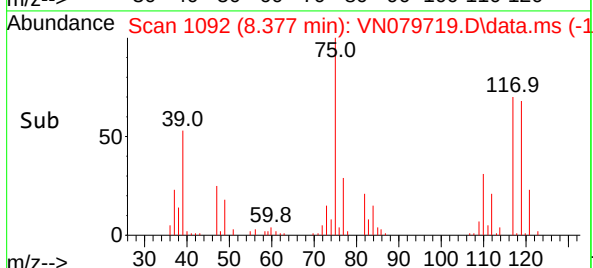
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

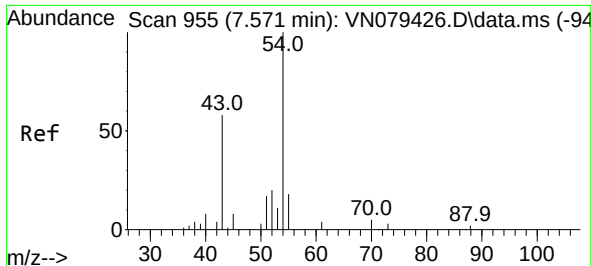


#36
1,1-Dichloropropene
Concen: 10.486 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22



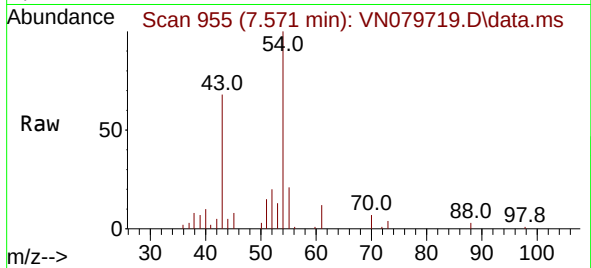
Tgt Ion: 75 Resp: 57476
Ion Ratio Lower Upper
75 100
110 30.3 19.1 57.3
77 29.6 25.0 37.4





#37
Ethyl Acetate
Concen: 10.003 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

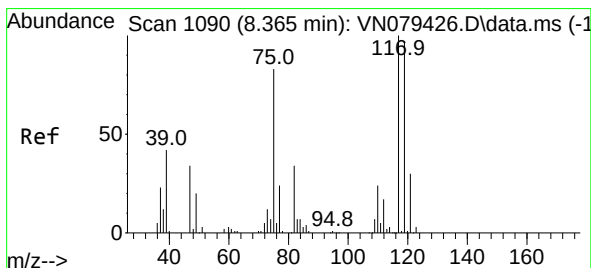
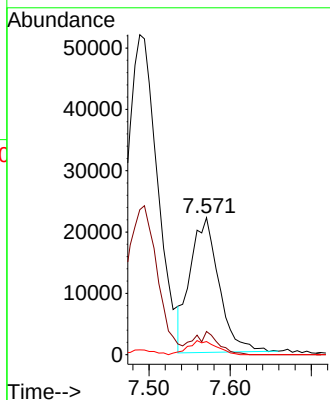
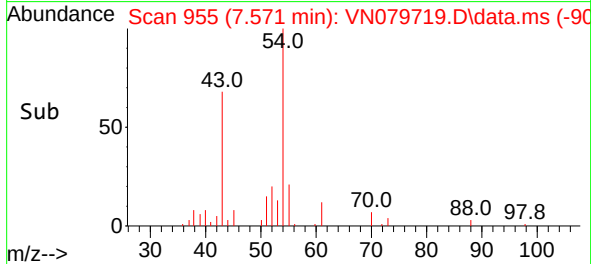
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 54348
Ion Ratio Lower Upper
43 100
61 14.6 13.2 19.8
70 10.1 11.3 16.9

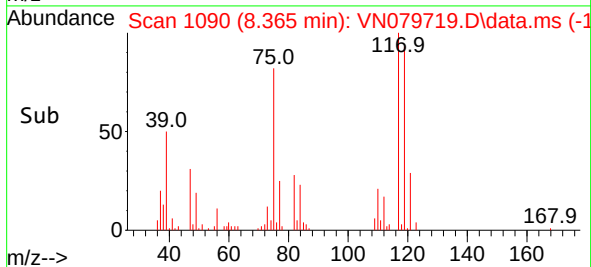
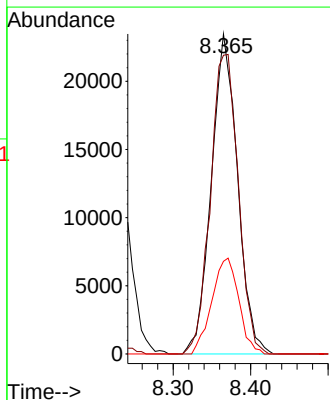
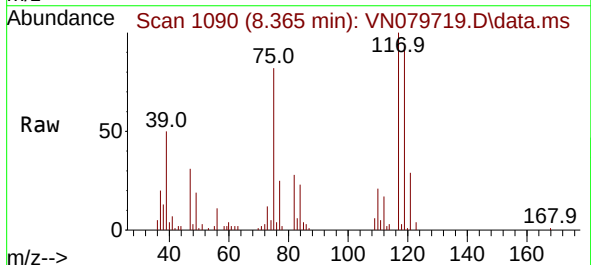
Manual Integrations
APPROVED

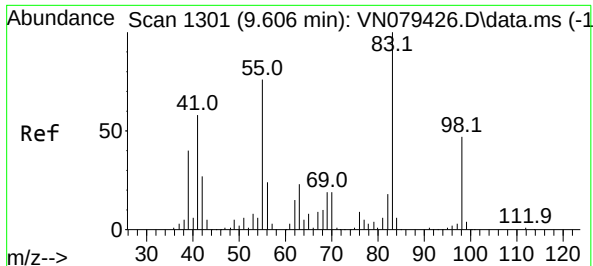
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#38
Carbon Tetrachloride
Concen: 10.096 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion:117 Resp: 55184
Ion Ratio Lower Upper
117 100
119 93.4 77.3 115.9
121 29.0 23.3 34.9





#39

Methylcyclohexane

Concen: 10.035 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

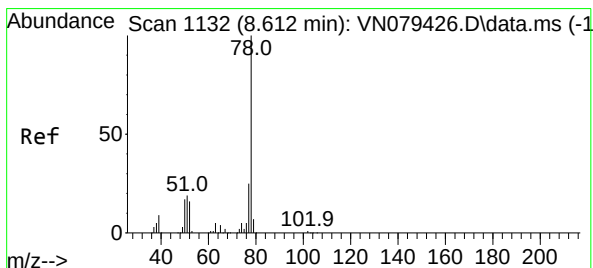
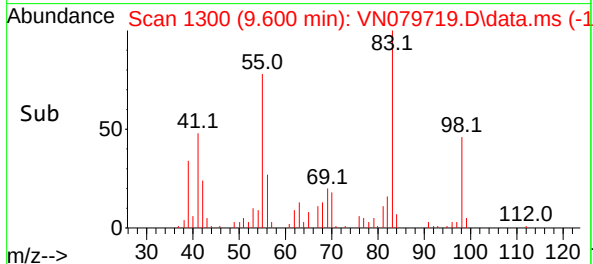
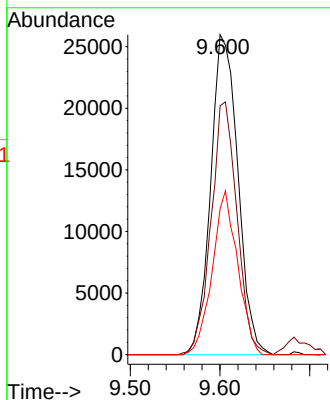
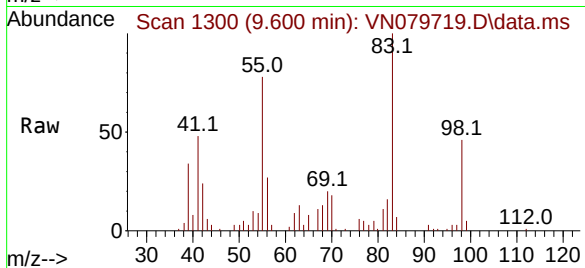
Tgt Ion: 83 Resp: 54714
 Ion Ratio Lower Upper
 83 100
 55 77.8 49.1 73.7
 98 45.6 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 10.268 ug/l

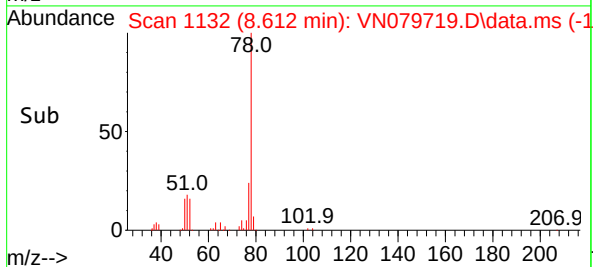
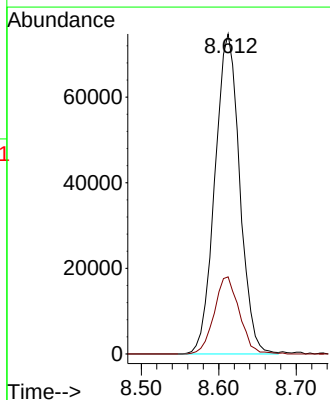
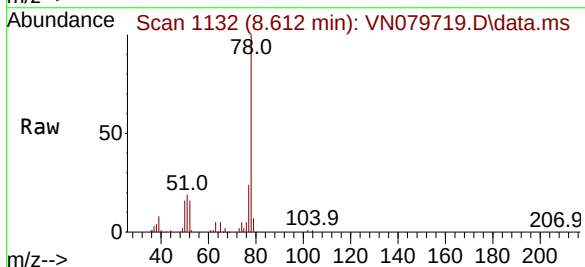
RT: 8.612 min Scan# 1132

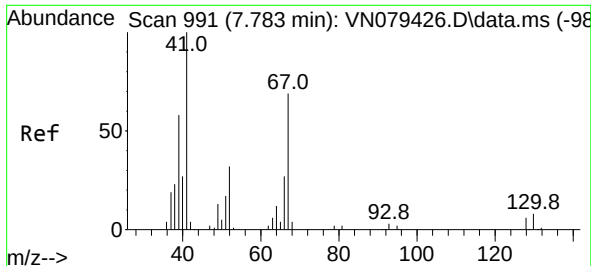
Delta R.T. -0.000 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

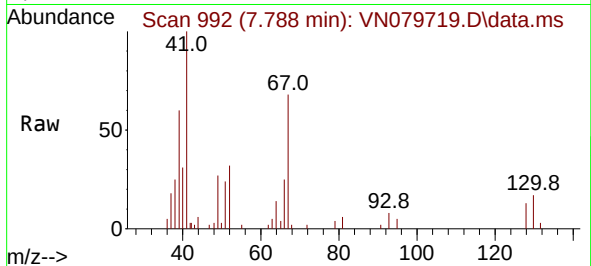
Tgt Ion: 78 Resp: 166117
 Ion Ratio Lower Upper
 78 100
 77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 9.937 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.005 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

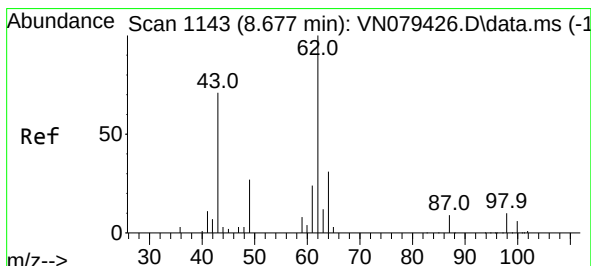
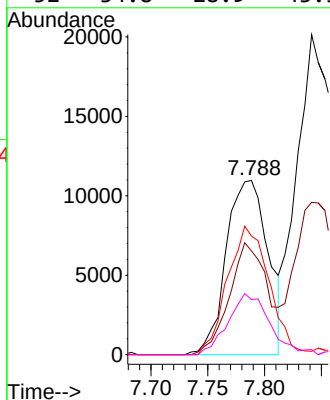
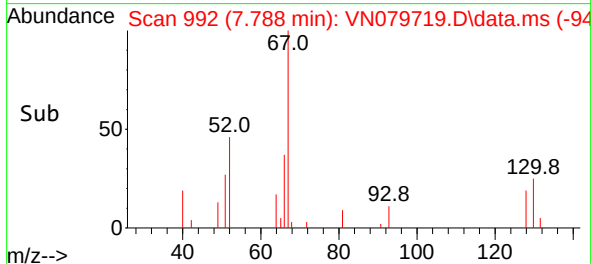
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



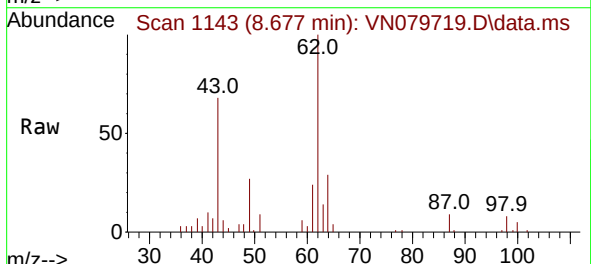
Tgt Ion: 41 Resp: 2815
Ion Ratio Lower Upper
41 100
39 58.3 42.6 64.0
67 73.1 77.5 116.3
52 34.8 28.9 43.3

Manual Integrations
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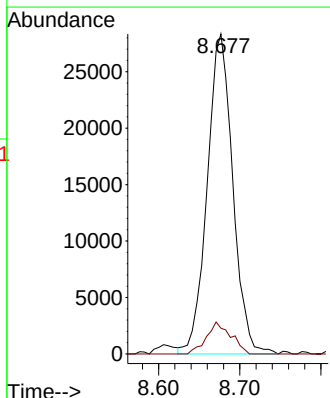
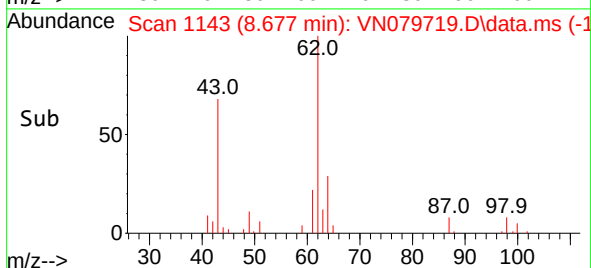
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

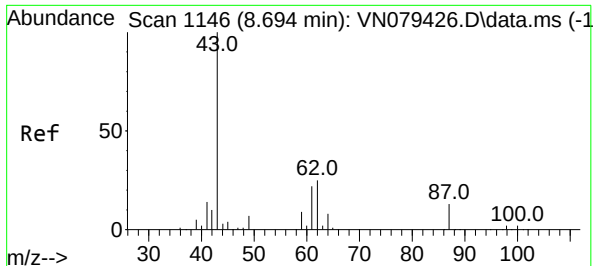


#42
1,2-Dichloroethane
Concen: 10.563 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22



Tgt Ion: 62 Resp: 62068
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 10.182 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

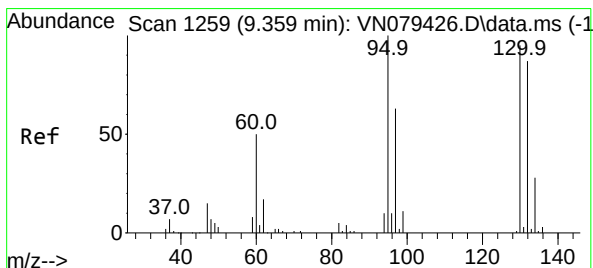
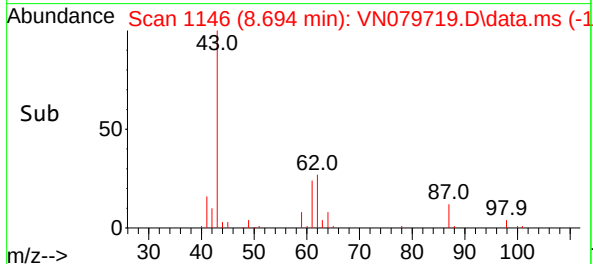
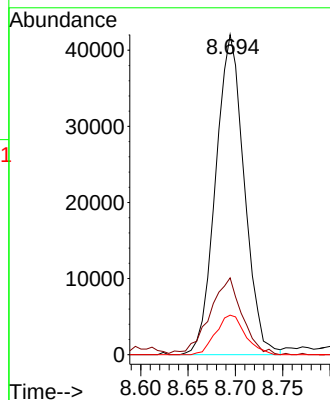
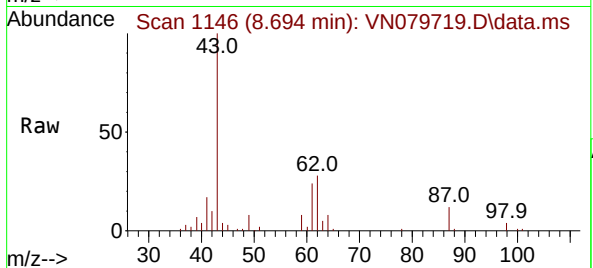
Tgt Ion: 43	Resp: 88439
Ion Ratio	Lower Upper
43	100
61	27.3 24.7 37.1
87	12.7 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#44

Trichloroethene

Concen: 10.444 ug/l

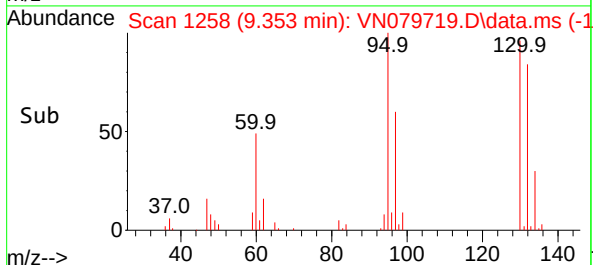
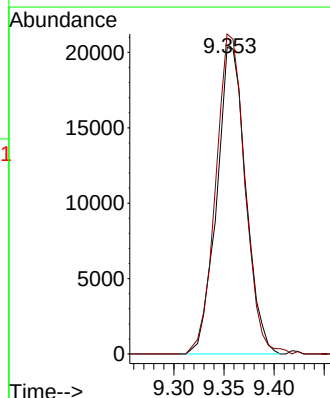
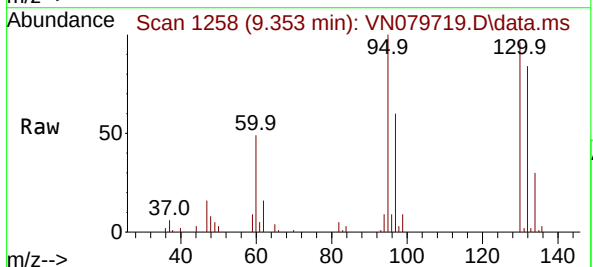
RT: 9.353 min Scan# 1258

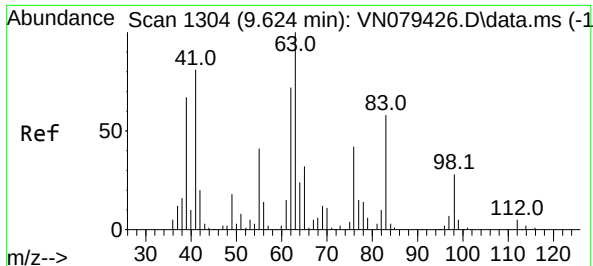
Delta R.T. -0.006 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Tgt Ion:130	Resp: 40927
Ion Ratio	Lower Upper
130	100
95	104.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 10.193 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 4379

Ion Ratio Lower Upper

63 100

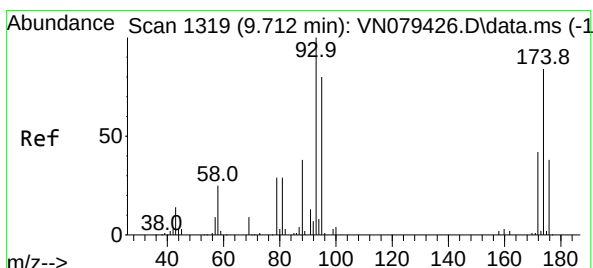
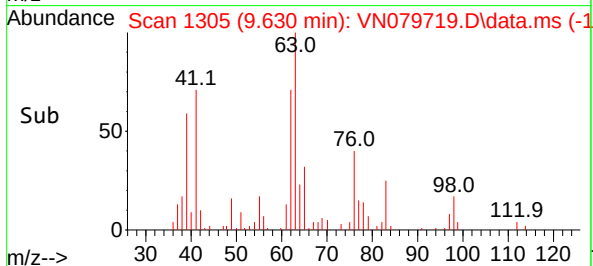
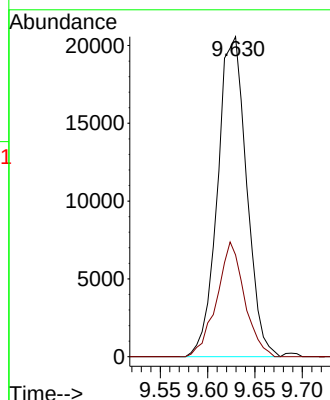
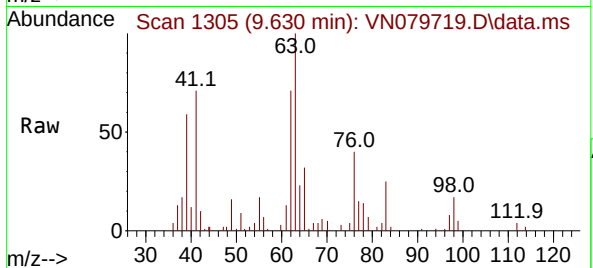
65 31.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 10.705 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

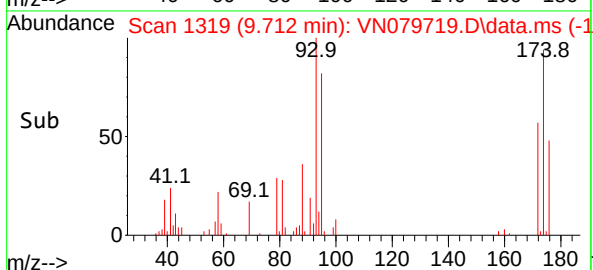
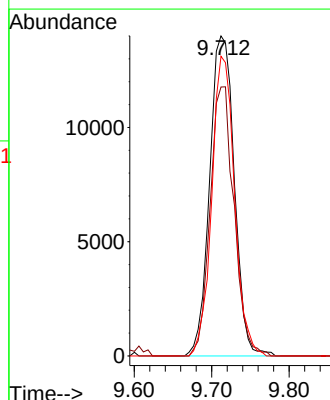
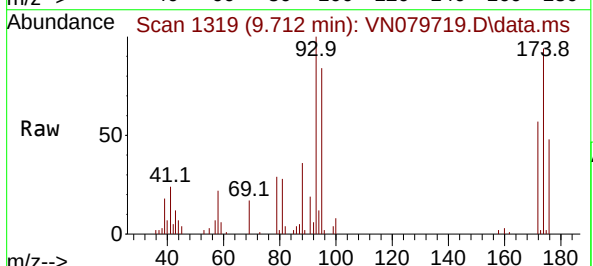
Tgt Ion: 93 Resp: 31021

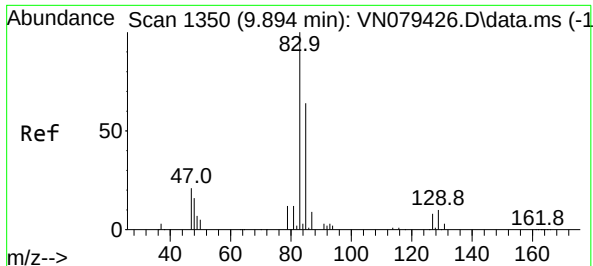
Ion Ratio Lower Upper

93 100

95 81.6 63.8 95.8

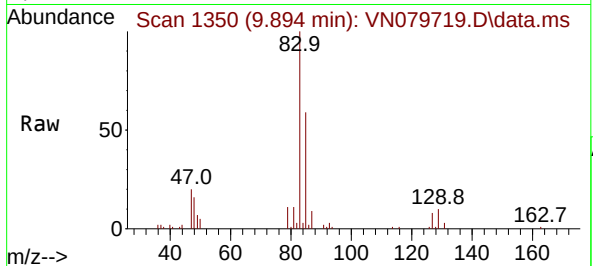
174 86.8 65.6 98.4





#47
Bromodichloromethane
Concen: 10.282 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

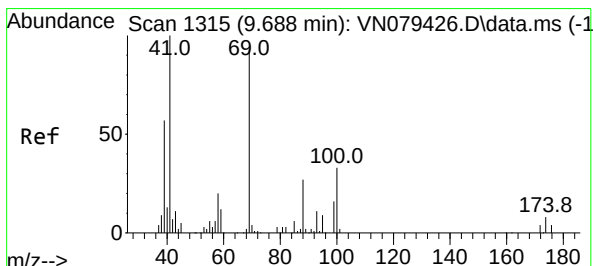
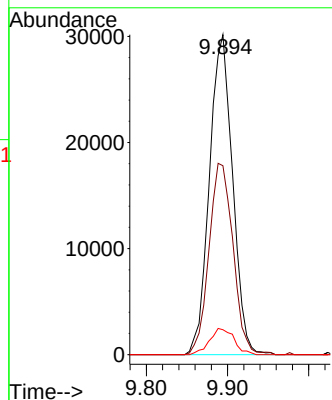
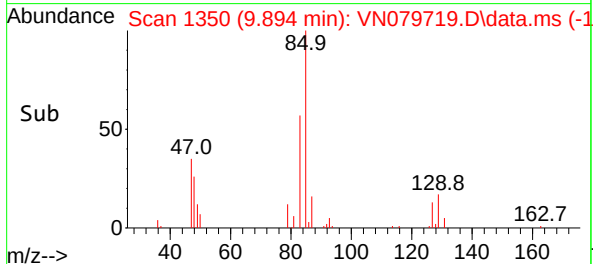
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



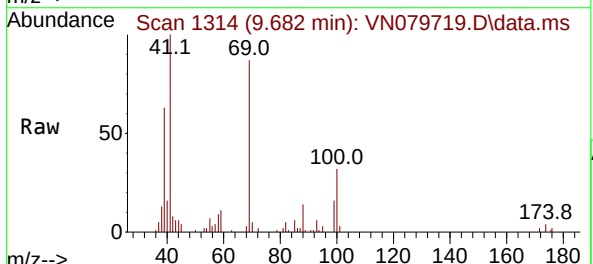
Tgt Ion: 83 Resp: 59772
Ion Ratio Lower Upper
83 100
85 59.0 49.6 74.4
127 7.8 7.0 10.6

Manual Integrations
APPROVED

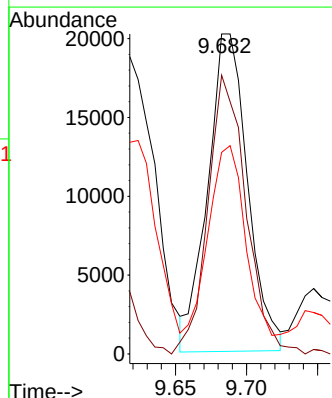
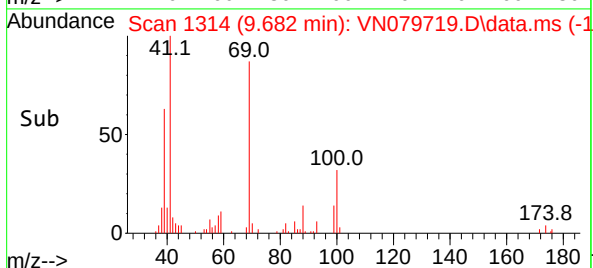
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

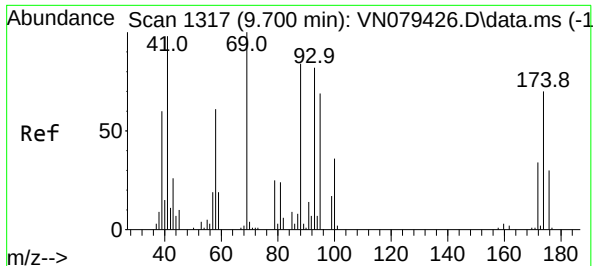


#48
Methyl methacrylate
Concen: 9.770 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22



Tgt Ion: 41 Resp: 39343
Ion Ratio Lower Upper
41 100
69 83.9 90.4 135.6#
39 66.0 54.6 81.8





#49

1,4-Dioxane

Concen: 203.042 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 1438

Ion Ratio Lower Upper

88 100

43 32.3 17.0 25.6

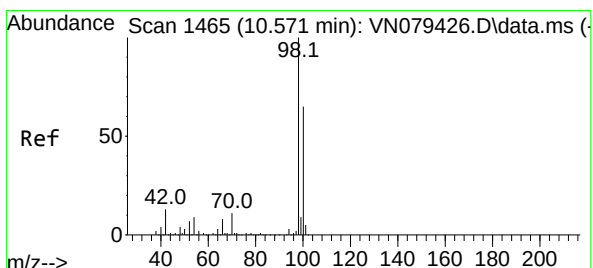
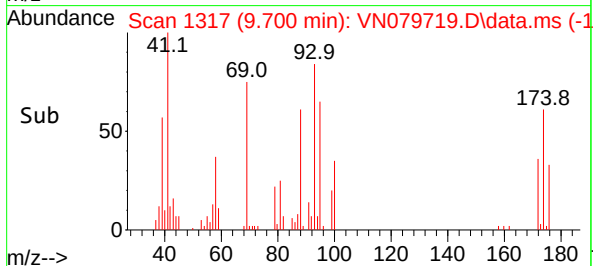
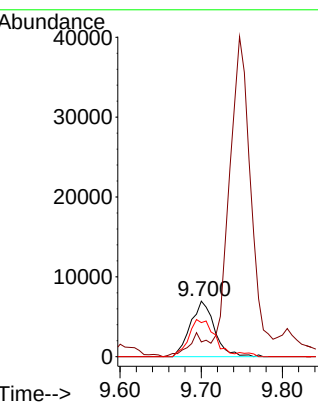
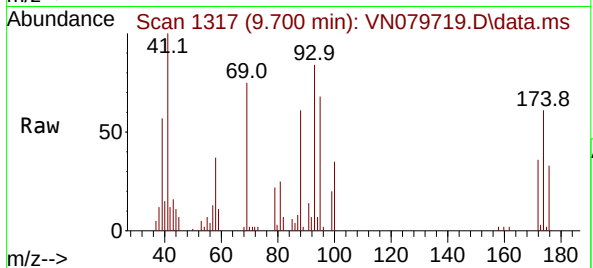
58 71.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#50

Toluene-d8

Concen: 9.774 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079719.D

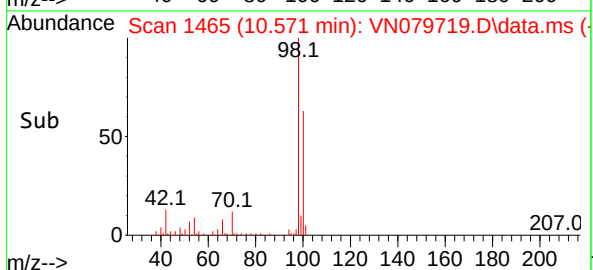
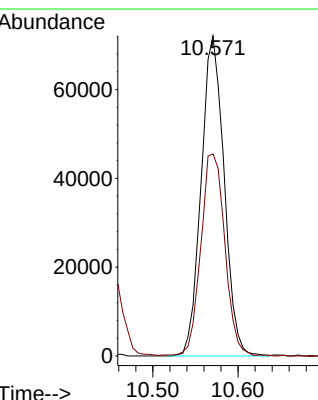
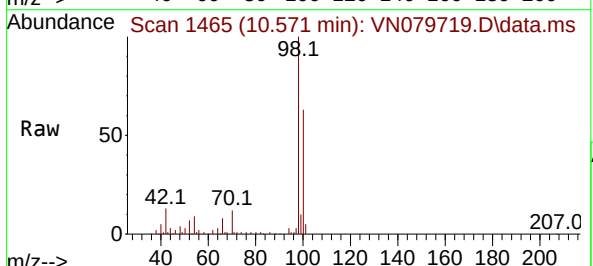
Acq: 30 Oct 2023 11:22

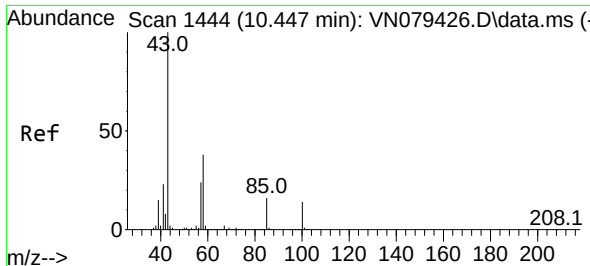
Tgt Ion: 98 Resp: 134625

Ion Ratio Lower Upper

98 100

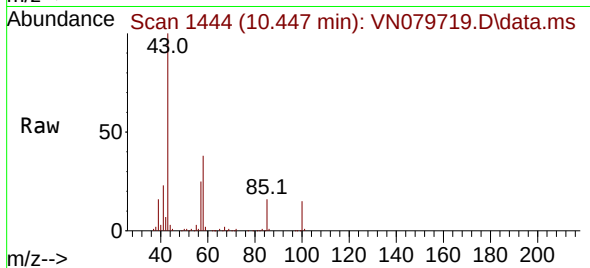
100 66.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 50.904 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

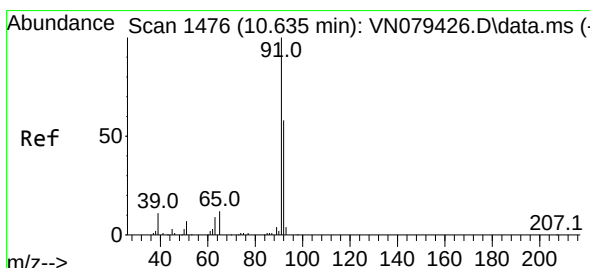
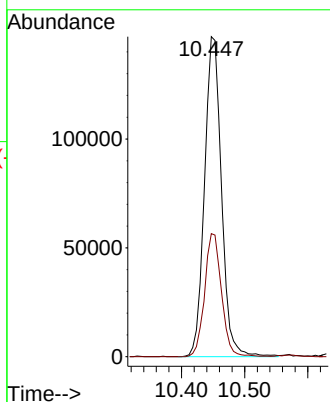
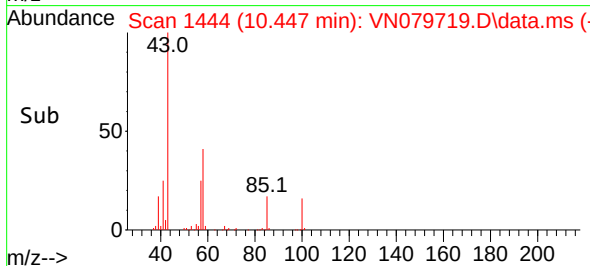
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 275110
Ion Ratio Lower Upper
43 100
58 38.2 36.6 54.8

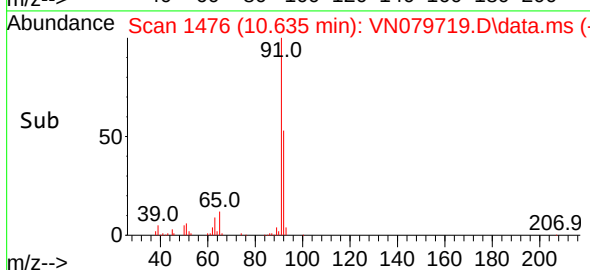
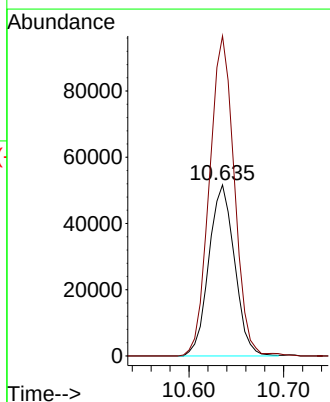
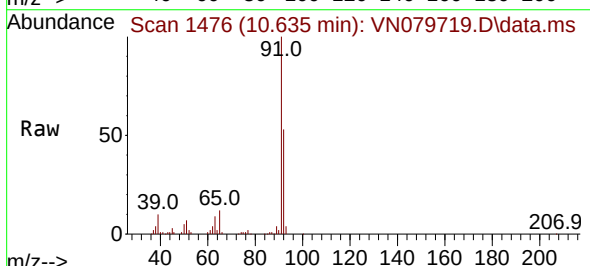
Manual Integrations
APPROVED

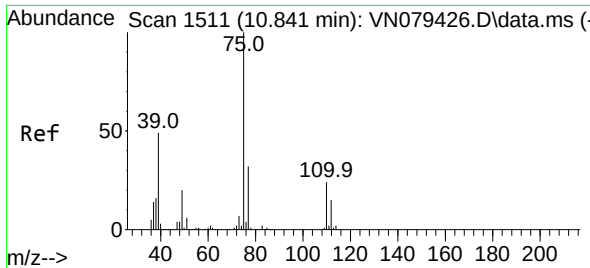
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#52
Toluene
Concen: 9.870 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion: 92 Resp: 97480
Ion Ratio Lower Upper
92 100
91 181.3 137.4 206.0





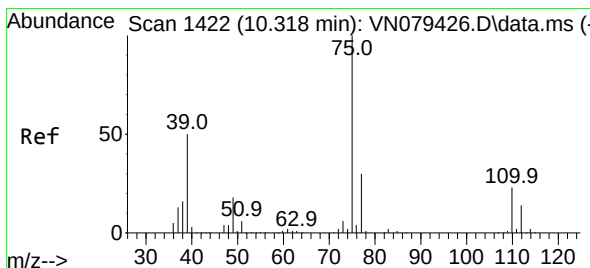
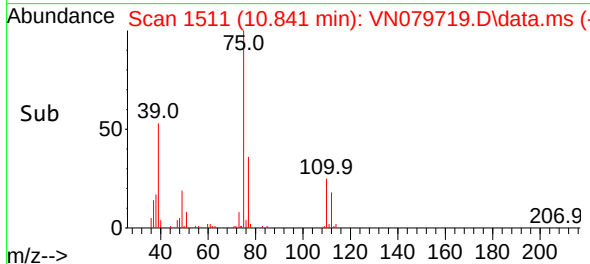
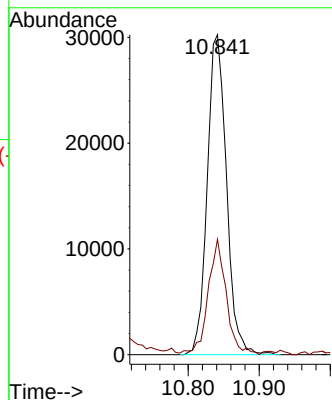
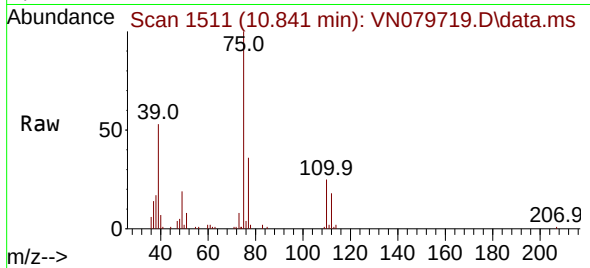
#53
 t-1,3-Dichloropropene
 Concen: 9.701 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079719.D
 Acq: 30 Oct 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 75 Resp: 56949
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.4 38.0

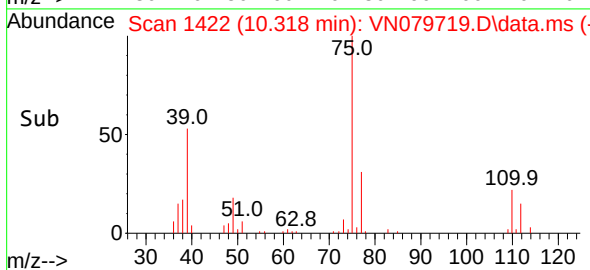
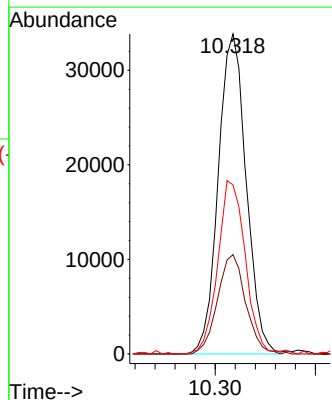
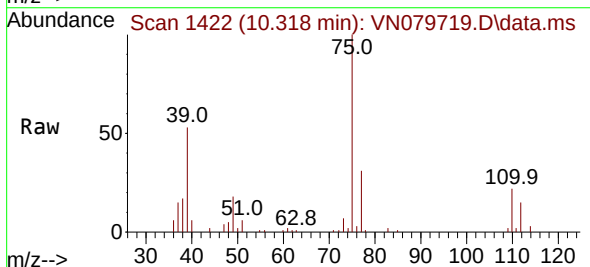
Manual Integrations
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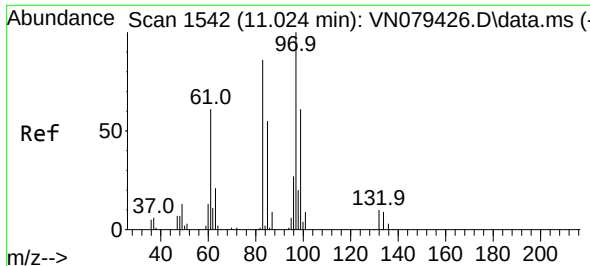
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#54
 cis-1,3-Dichloropropene
 Concen: 10.182 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079719.D
 Acq: 30 Oct 2023 11:22

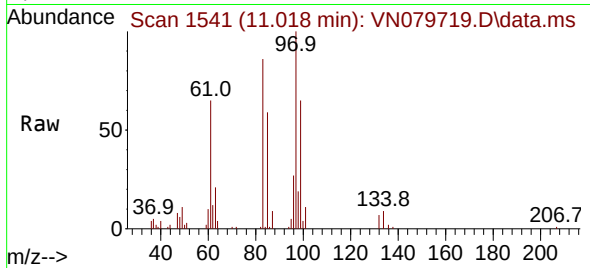
Tgt Ion: 75 Resp: 65394
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.1 39.1
 39 52.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 10.603 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

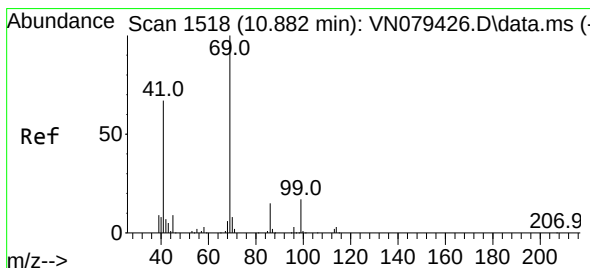
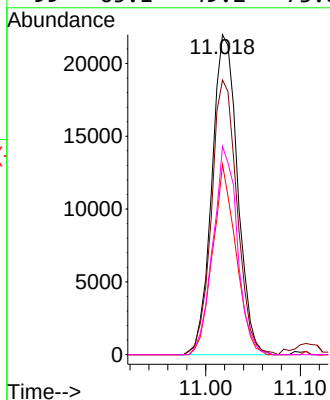
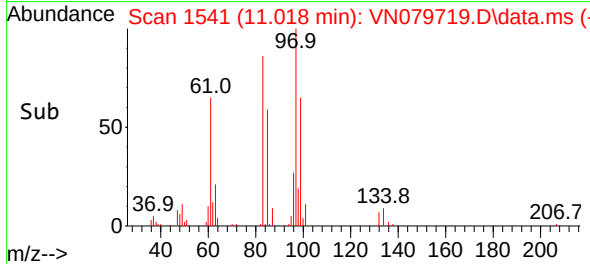
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:	97	Resp:	4141
Ion	Ratio	Lower	Upper
97	100		
83	85.9	65.1	97.7
85	59.4	43.4	65.2
99	65.1	49.2	73.8

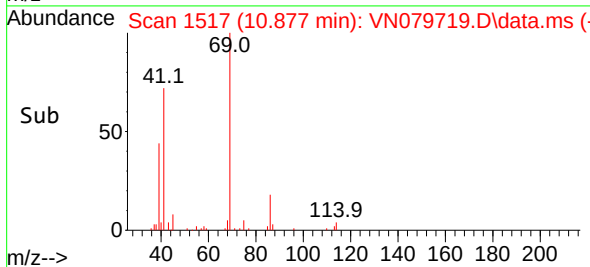
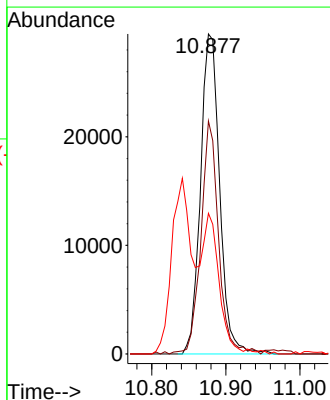
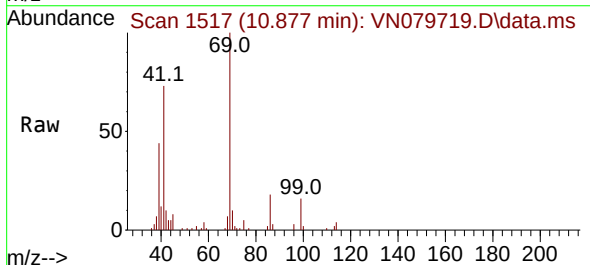
Manual Integrations
APPROVED

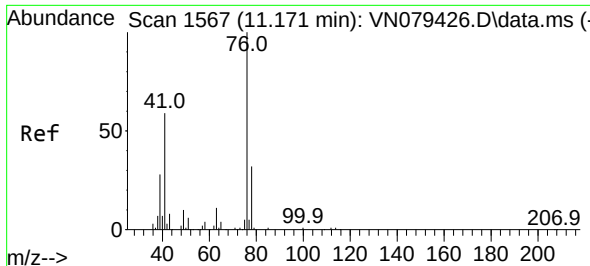
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#56
Ethyl methacrylate
Concen: 9.624 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion:	69	Resp:	53088
Ion	Ratio	Lower	Upper
69	100		
41	67.0	39.6	59.4#
39	42.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 10.181 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 6959

Ion Ratio Lower Upper

76 100

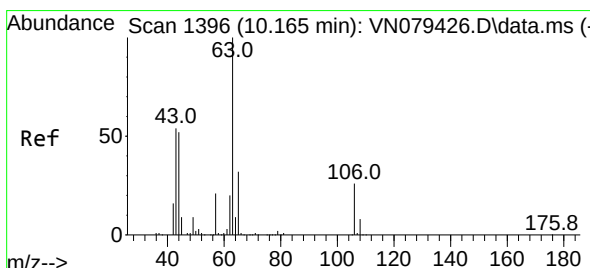
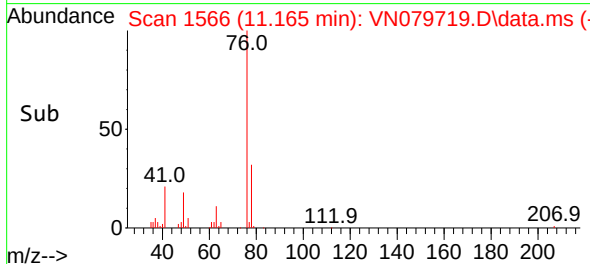
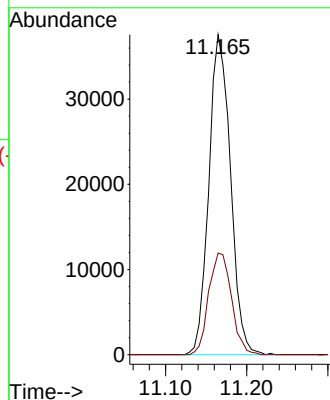
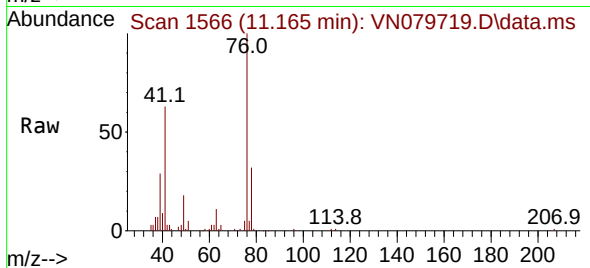
78 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 44.663 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079719.D

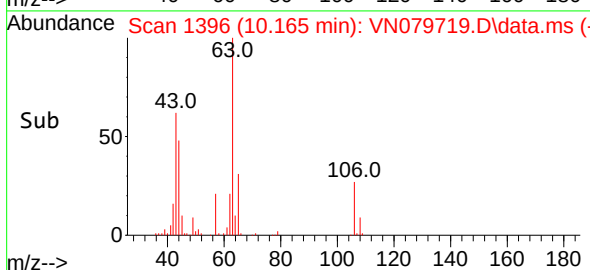
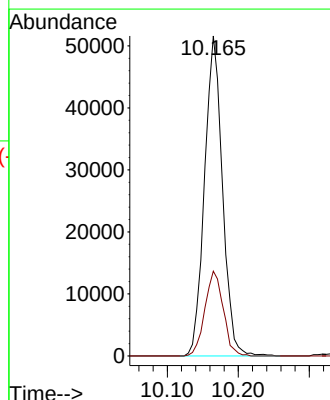
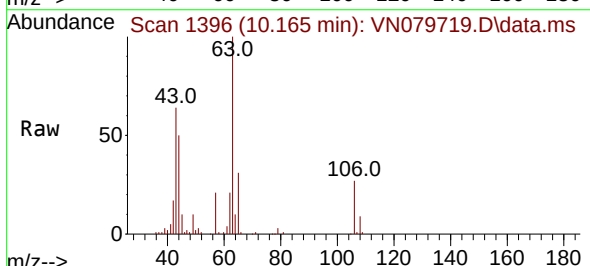
Acq: 30 Oct 2023 11:22

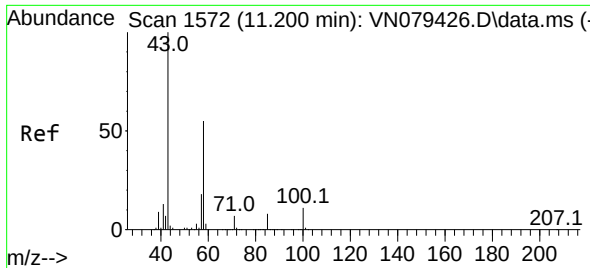
Tgt Ion: 63 Resp: 90766

Ion Ratio Lower Upper

63 100

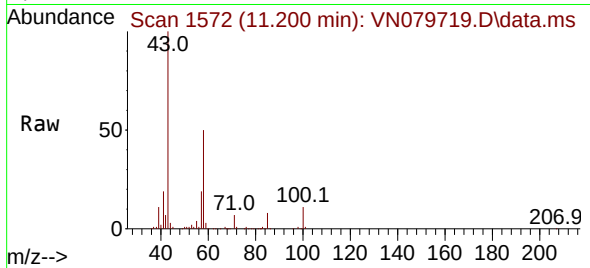
106 27.1 26.2 39.4





#59
2-Hexanone
Concen: 49.047 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

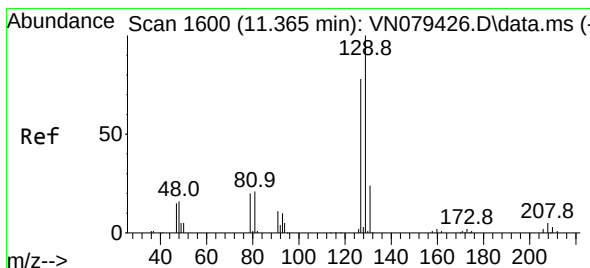
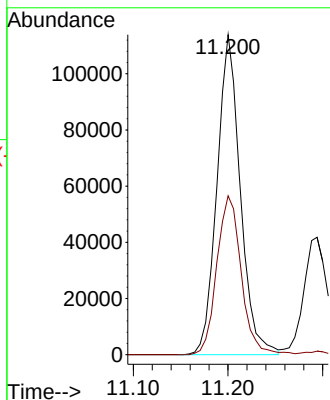
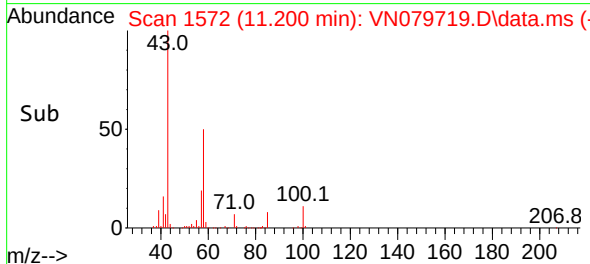
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 19490
Ion Ratio Lower Upper
43 100
58 52.0 31.7 95.1

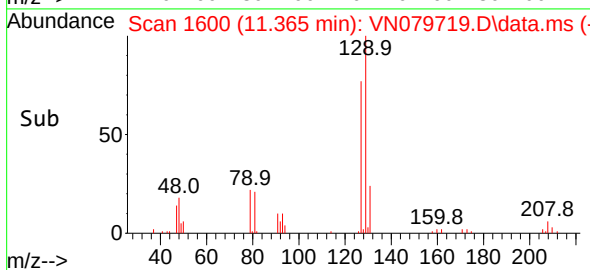
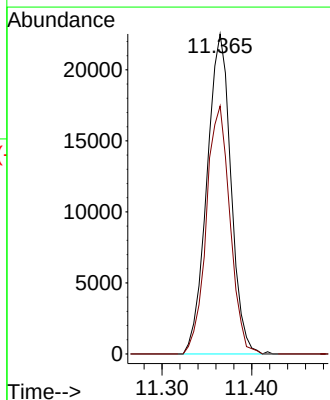
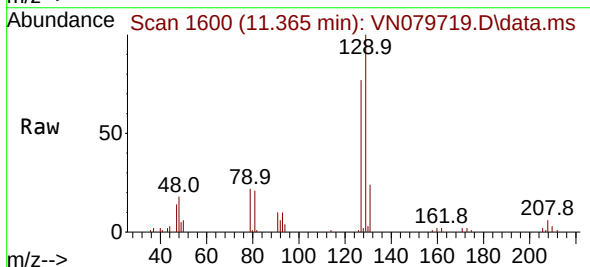
Manual Integrations
APPROVED

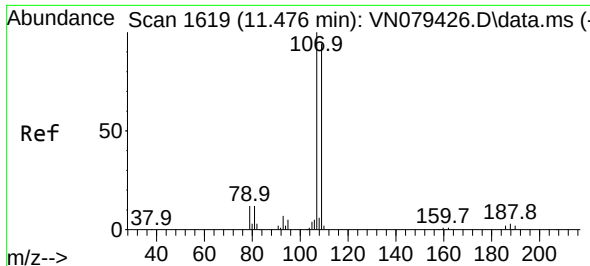
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 10.358 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion:129 Resp: 41864
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





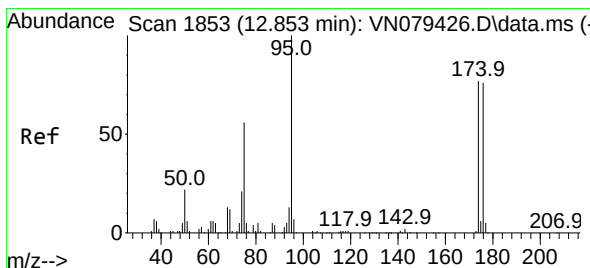
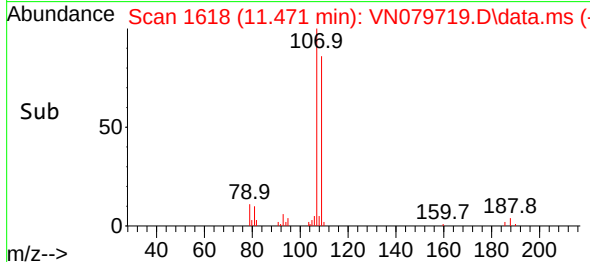
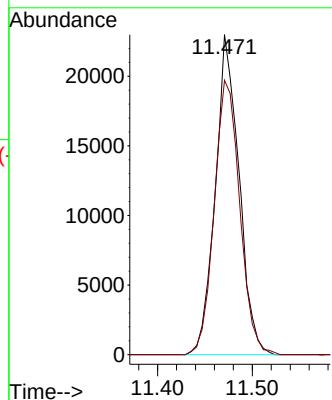
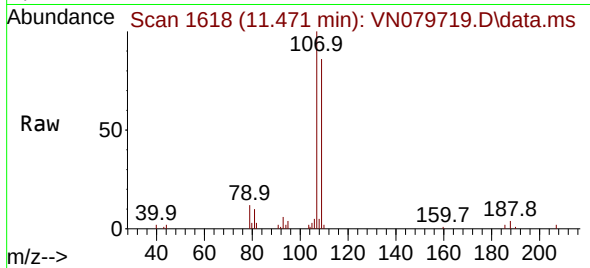
#61
1,2-Dibromoethane
Concen: 10.248 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 39879
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8

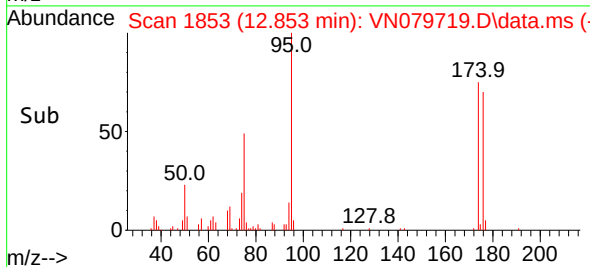
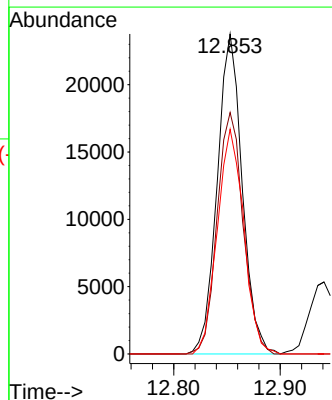
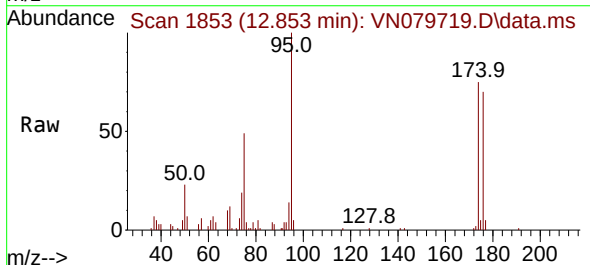
Manual Integrations
APPROVED

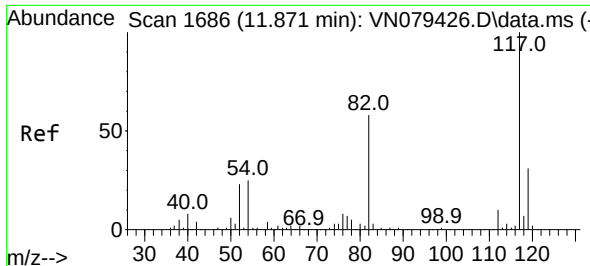
Reviewed By :John Carbone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#62
4-Bromofluorobenzene
Concen: 8.938 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

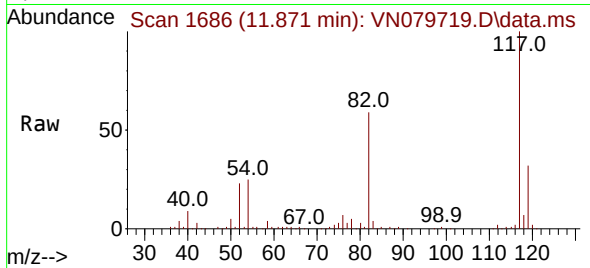
Tgt Ion: 95 Resp: 38768
Ion Ratio Lower Upper
95 100
174 78.7 0.0 143.8
176 74.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

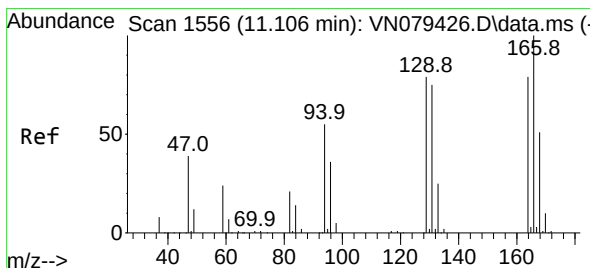
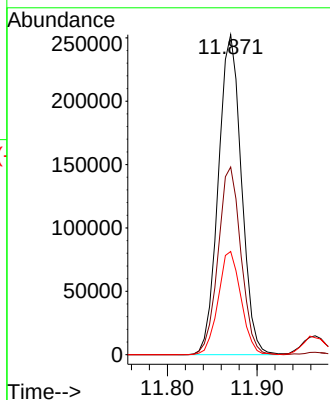
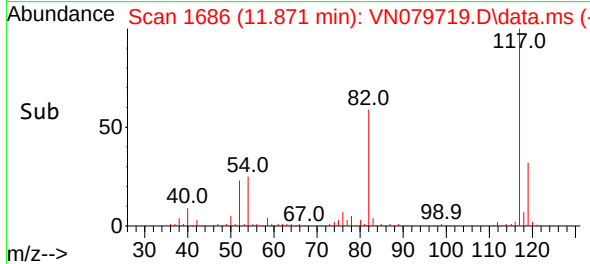
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:117 Resp: 45093
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 32.3 25.6 38.4

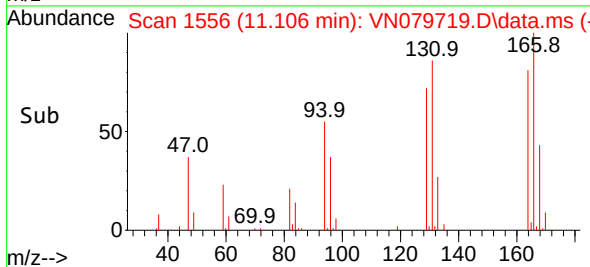
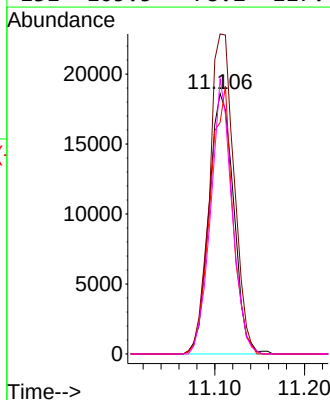
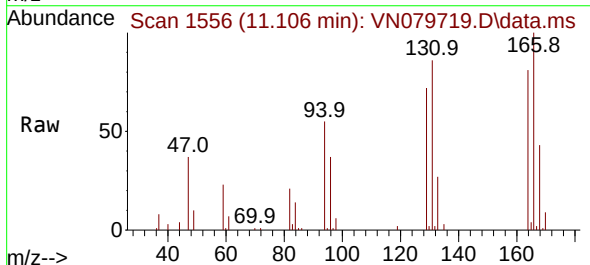
Manual Integrations
APPROVED

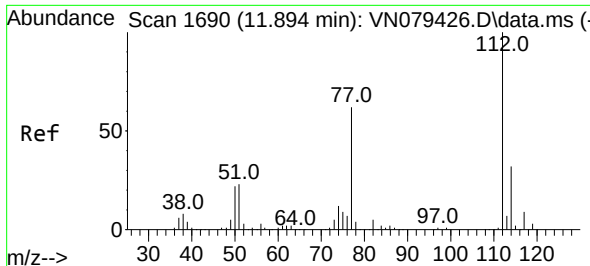
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#64
Tetrachloroethene
Concen: 11.117 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion:164 Resp: 35563
Ion Ratio Lower Upper
164 100
166 122.9 101.4 152.0
129 88.9 82.4 123.6
131 105.5 78.2 117.4





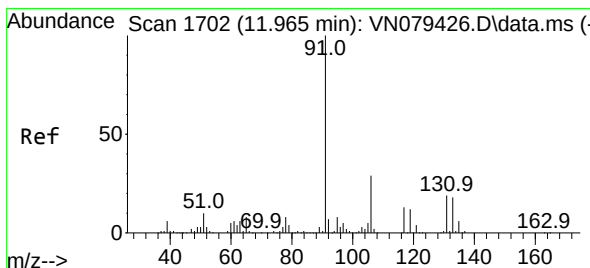
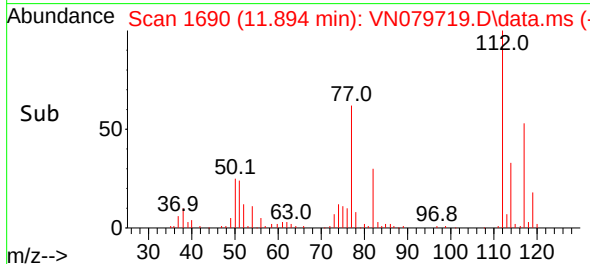
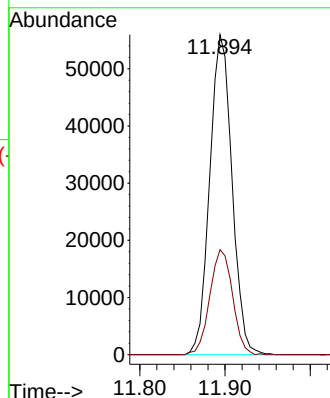
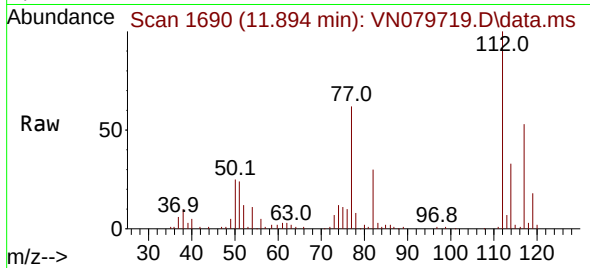
#65
Chlorobenzene
Concen: 10.172 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 10152
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4

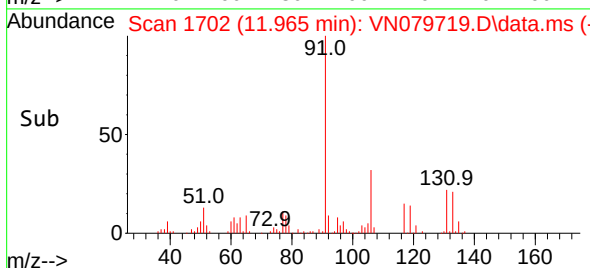
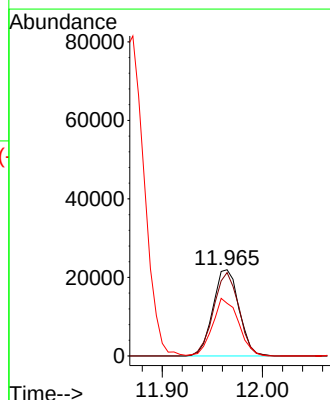
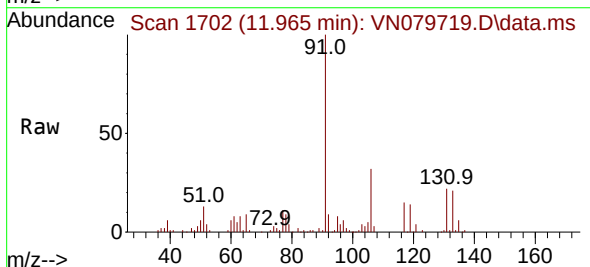
Manual Integrations
APPROVED

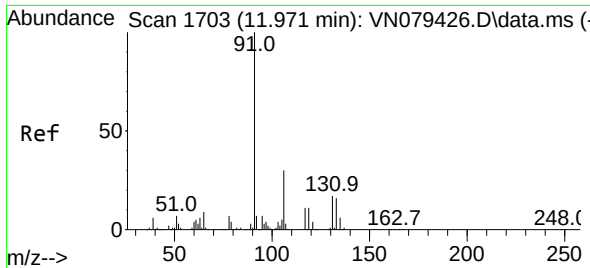
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 10.681 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

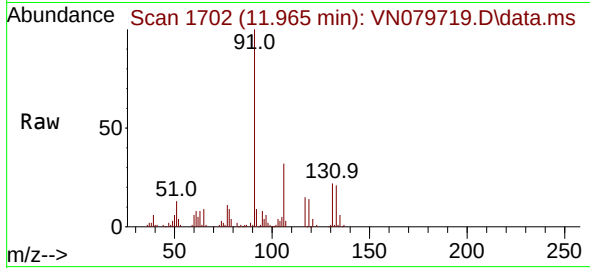
Tgt Ion:131 Resp: 39612
Ion Ratio Lower Upper
131 100
133 94.6 46.4 139.1
119 66.6 34.1 102.2





#67
Ethyl Benzene
Concen: 9.986 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

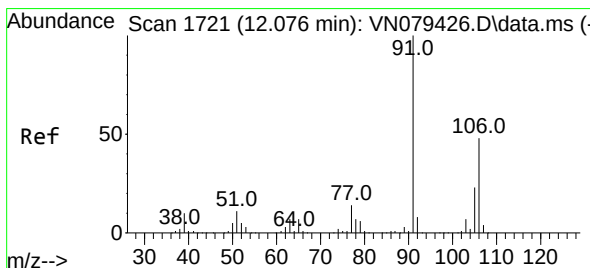
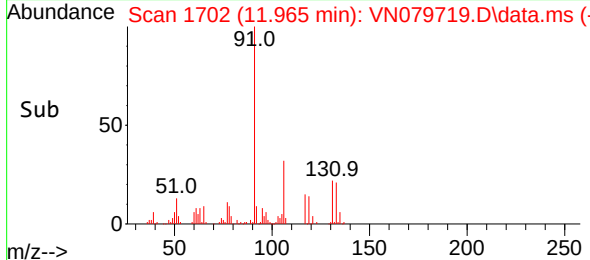
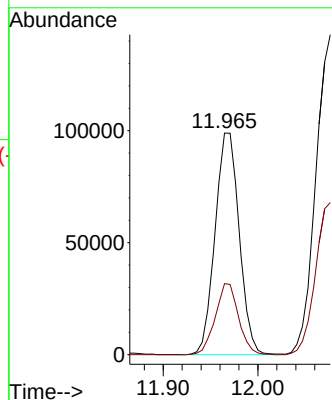
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 175580
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

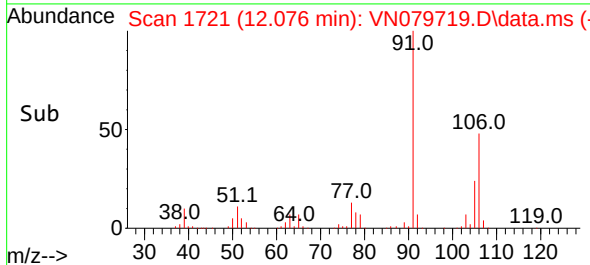
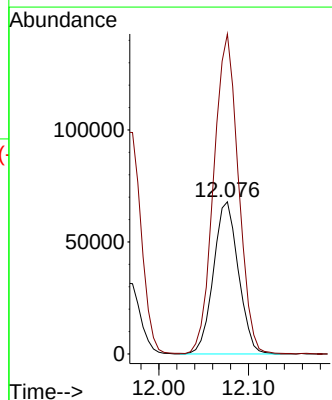
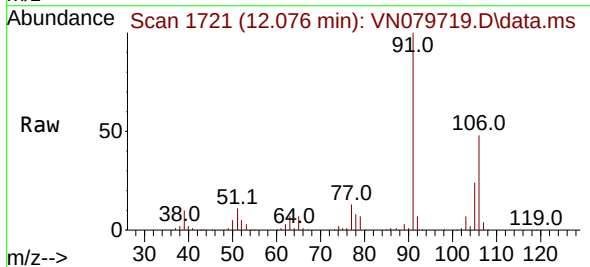
Manual Integrations
APPROVED

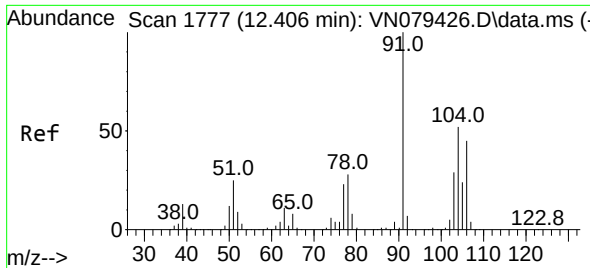
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#68
m/p-Xylenes
Concen: 20.141 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion:106 Resp: 130989
Ion Ratio Lower Upper
106 100
91 208.4 159.6 239.4





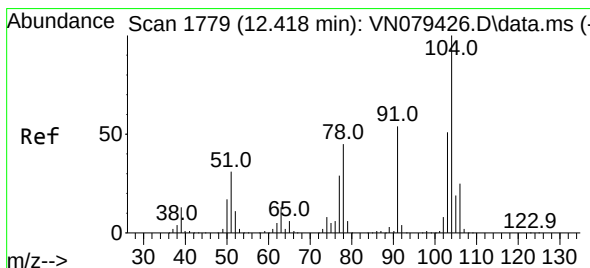
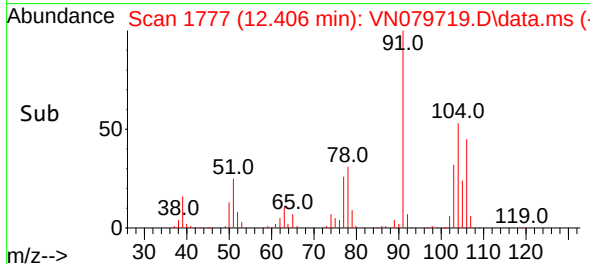
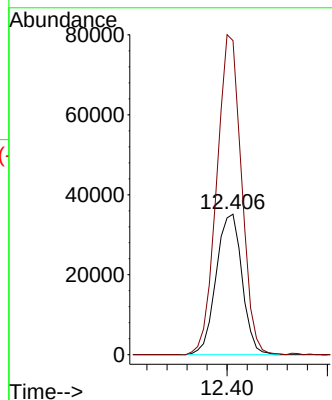
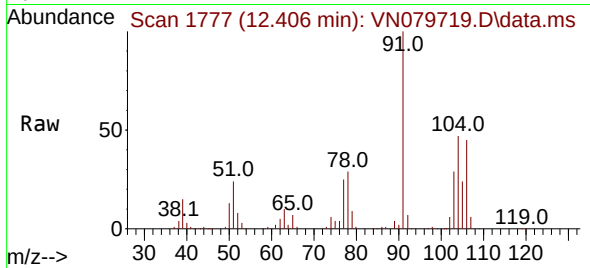
#69
o-Xylene
Concen: 10.061 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 62919
Ion Ratio Lower Upper
106 100
91 218.2 105.2 315.5

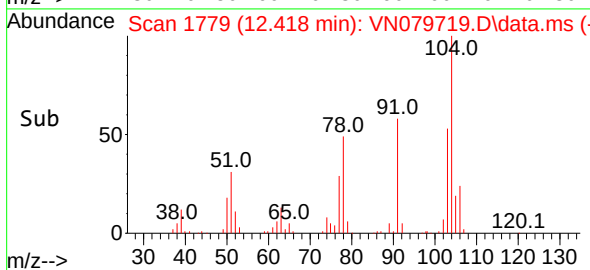
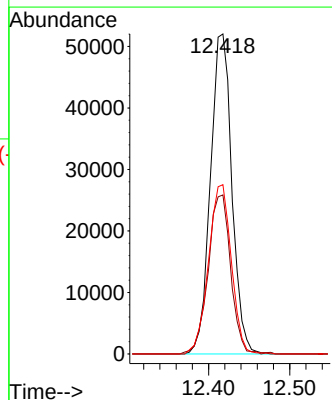
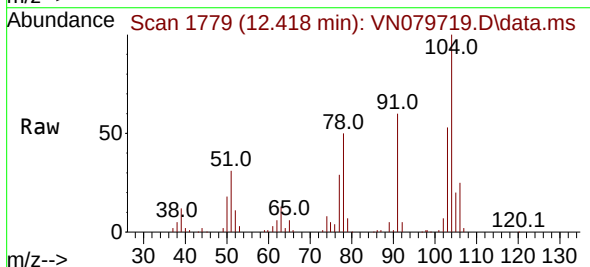
Manual Integrations
APPROVED

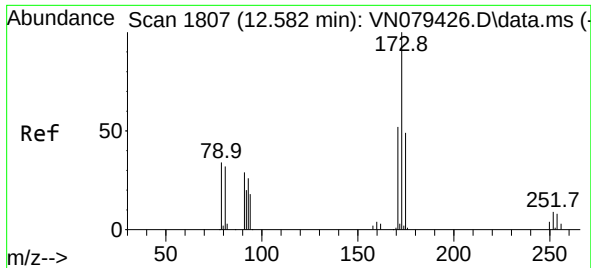
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 9.535 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

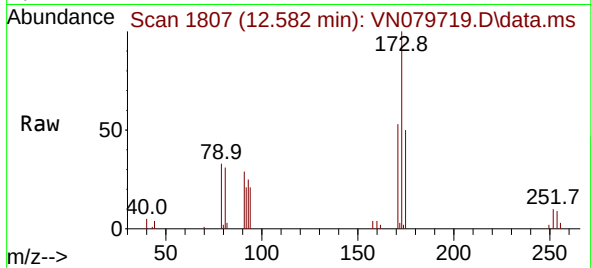
Tgt Ion:104 Resp: 95521
Ion Ratio Lower Upper
104 100
78 52.1 39.5 59.3
103 56.3 43.2 64.8





#71
Bromoform
Concen: 9.954 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

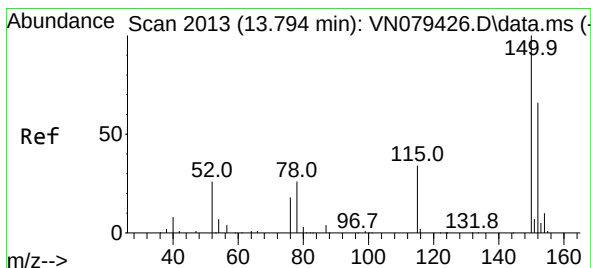
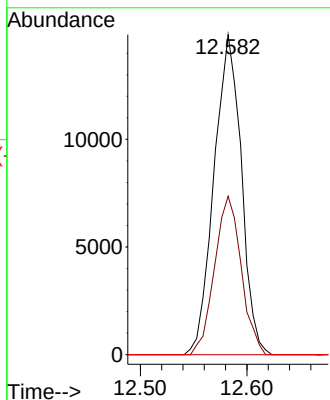
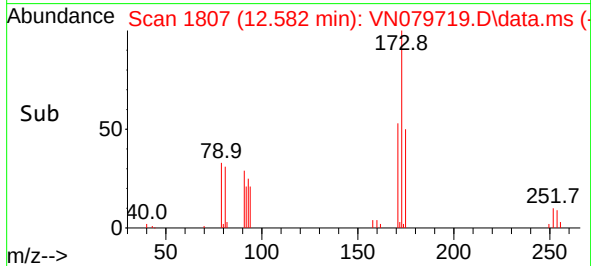
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



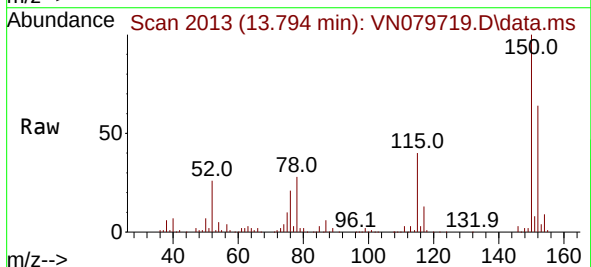
Tgt Ion:173 Resp: 2644
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

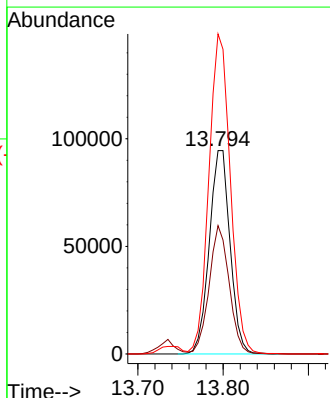
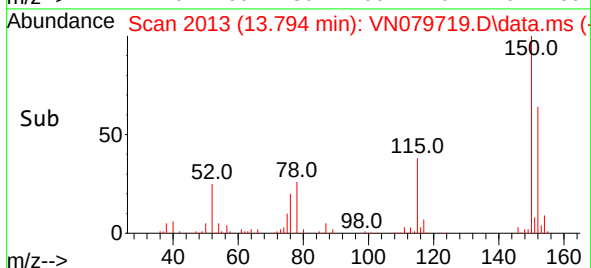
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

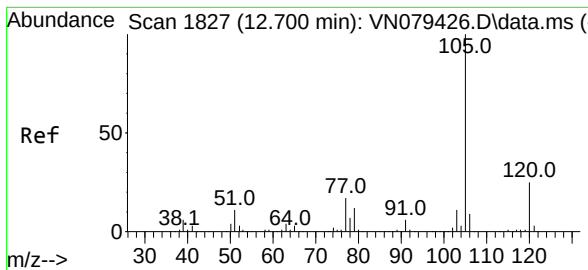


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22



Tgt Ion:152 Resp: 160326
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 162.1 0.0 355.8





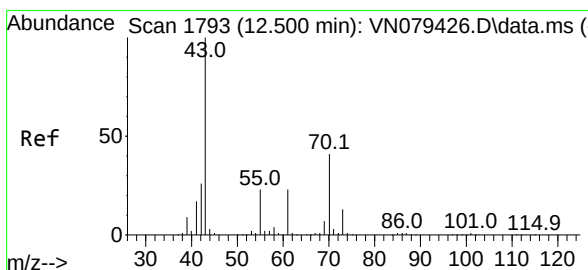
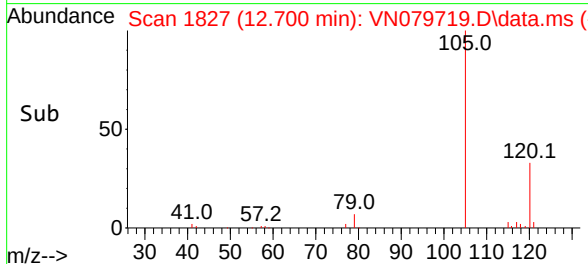
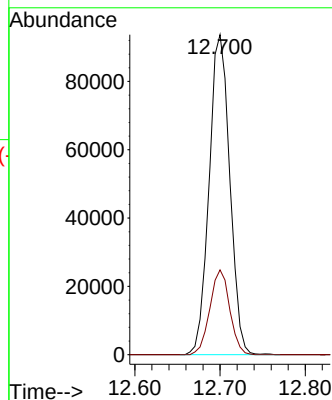
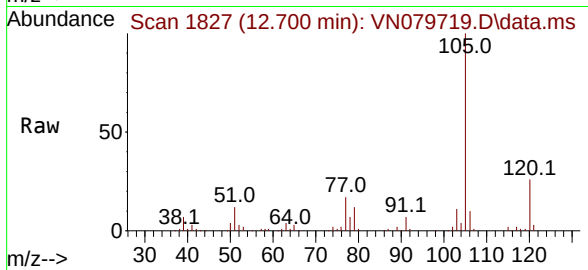
#73
Isopropylbenzene
Concen: 10.848 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 15753
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

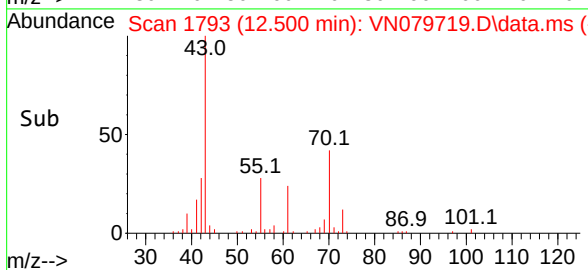
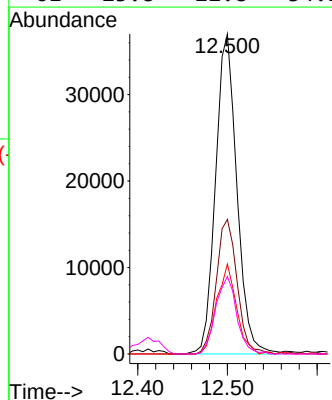
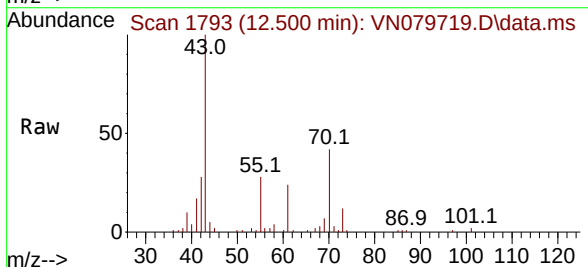
Manual Integrations
APPROVED

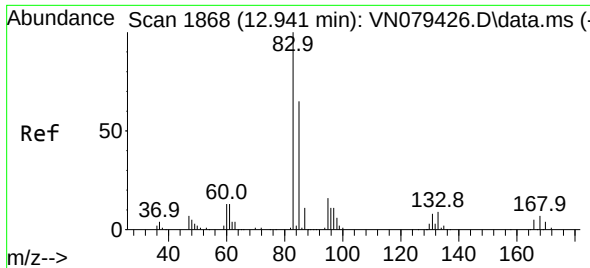
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#74
N-ethyl acetate
Concen: 10.570 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

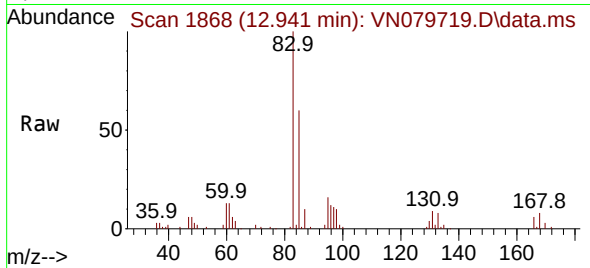
Tgt Ion: 43 Resp: 61054
Ion Ratio Lower Upper
43 100
70 40.9 43.4 65.2#
55 26.1 21.4 32.0
61 23.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 11.297 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

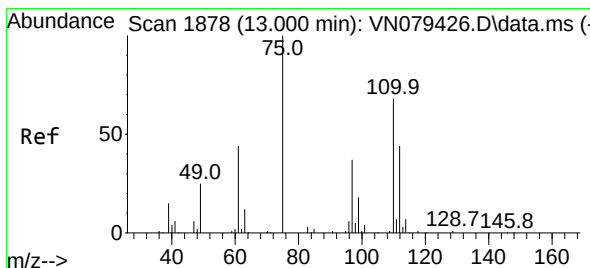
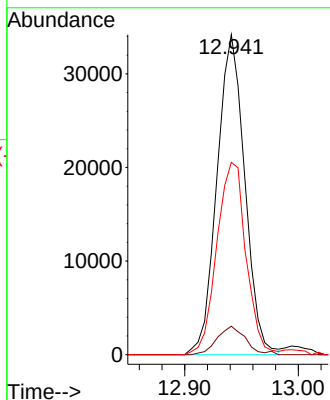
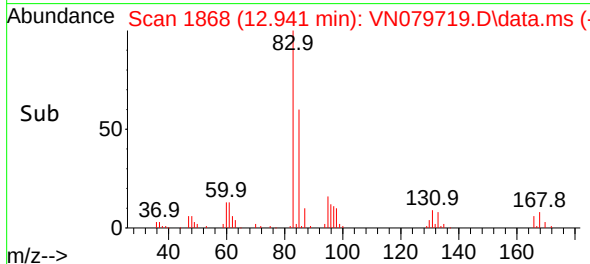
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 83 Resp: 5808
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 63.1 31.9 95.7

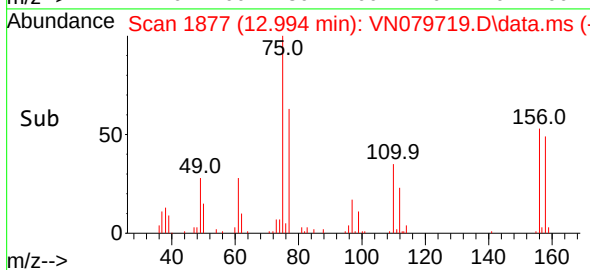
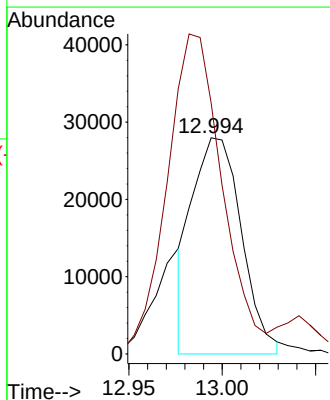
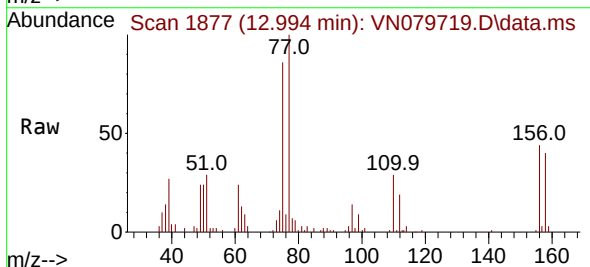
Manual Integrations
APPROVED

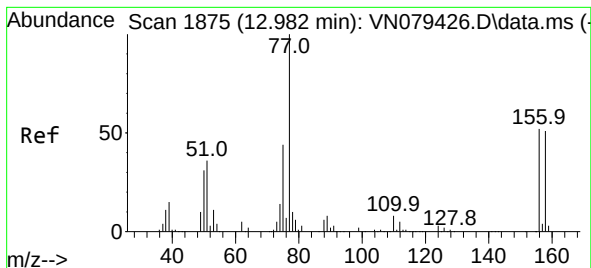
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#76
1,2,3-Trichloropropane
Concen: 12.191 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion: 75 Resp: 51362
Ion Ratio Lower Upper
75 100
77 166.1 84.5 253.5





#77

Bromobenzene

Concen: 10.803 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

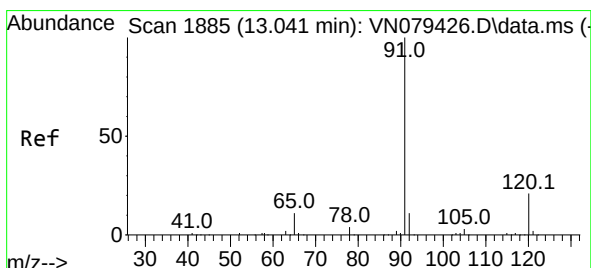
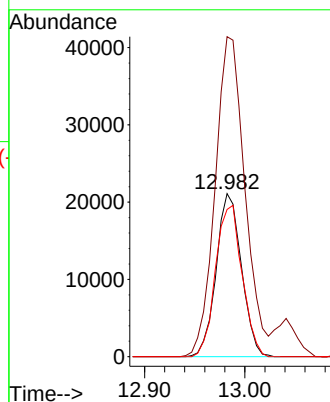
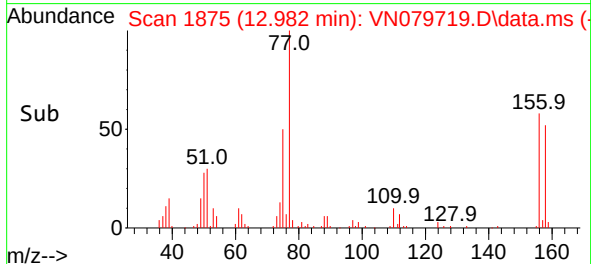
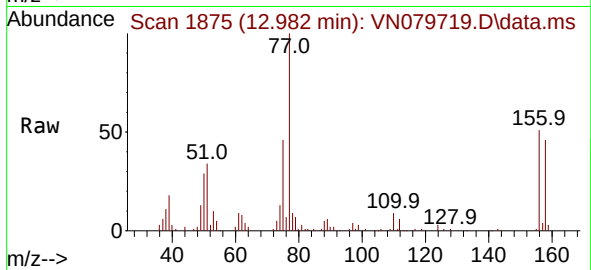
VSTDIC010

Tgt Ion:156 Resp: 36892
 Ion Ratio Lower Upper
 156 100
 77 231.2 107.7 323.3
 158 97.4 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#78

n-propylbenzene

Concen: 10.608 ug/l

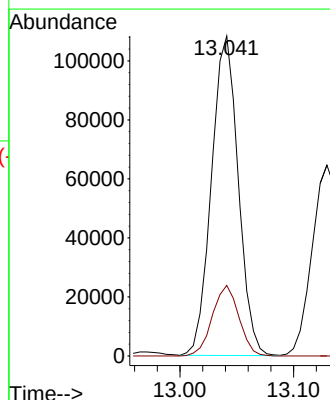
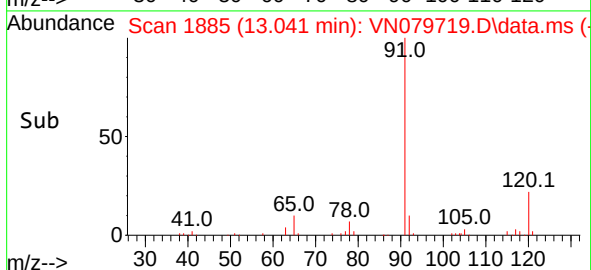
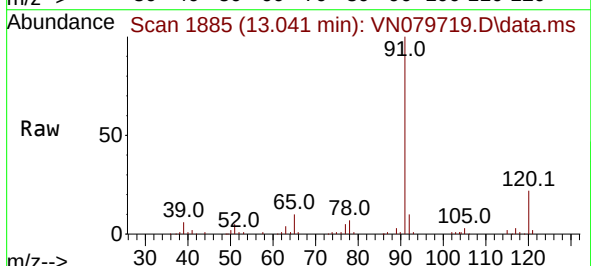
RT: 13.041 min Scan# 1885

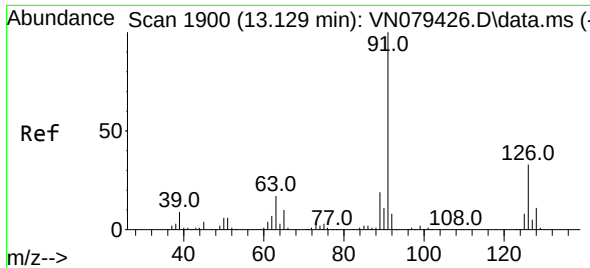
Delta R.T. 0.000 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Tgt Ion: 91 Resp: 177448
 Ion Ratio Lower Upper
 91 100
 120 21.8 11.5 34.4





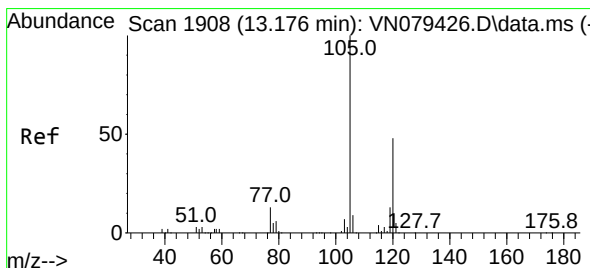
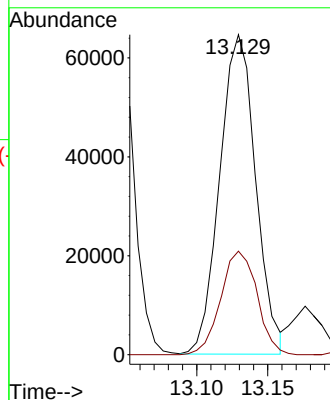
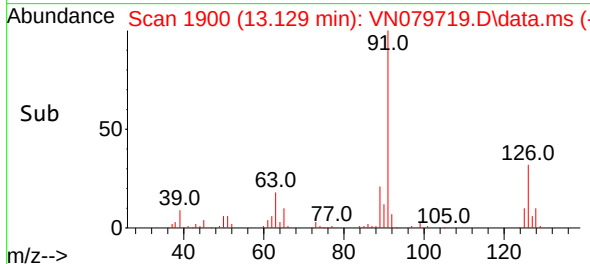
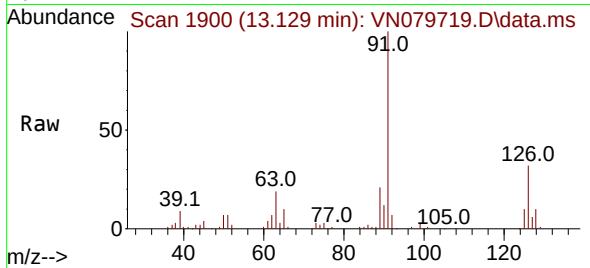
#79
2-Chlorotoluene
Concen: 10.909 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 113752
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

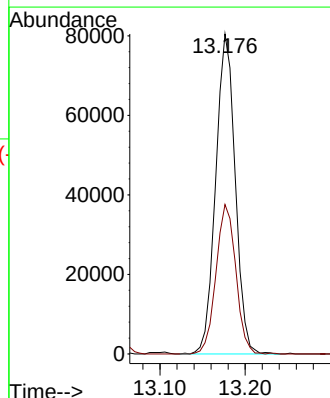
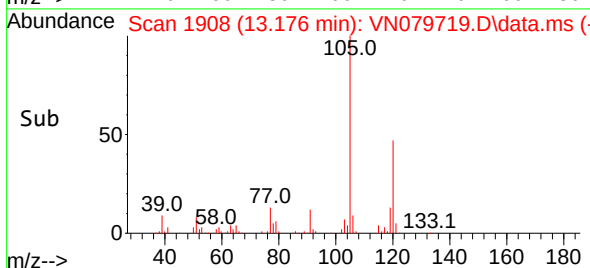
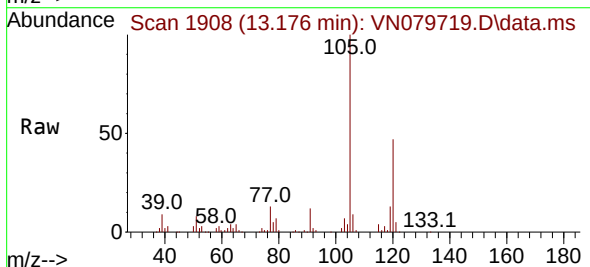
Manual Integrations
APPROVED

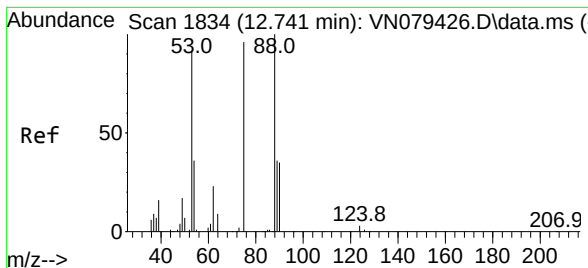
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 10.830 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

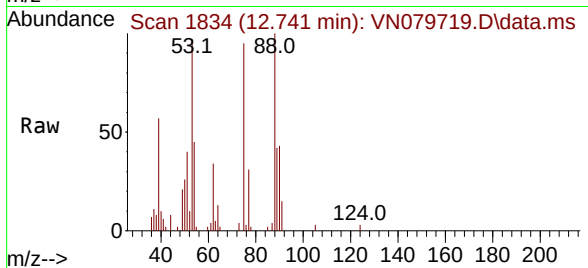
Tgt Ion:105 Resp: 128194
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 10.413 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

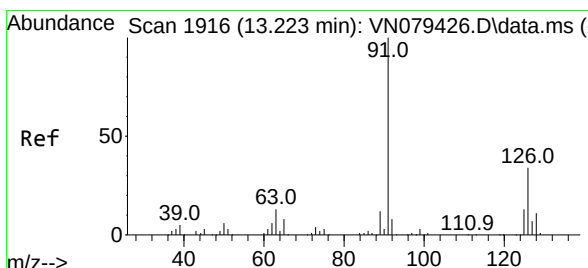
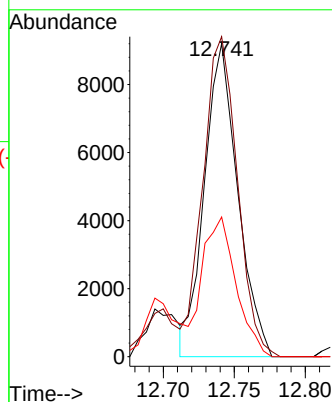
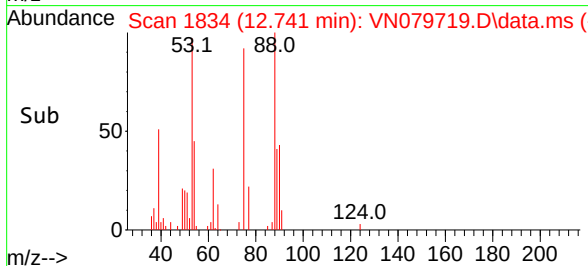
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 15028
Ion Ratio Lower Upper
75 100
53 105.6 67.4 101.2
89 44.7 38.8 58.2

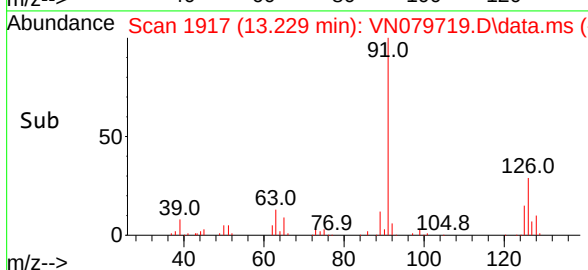
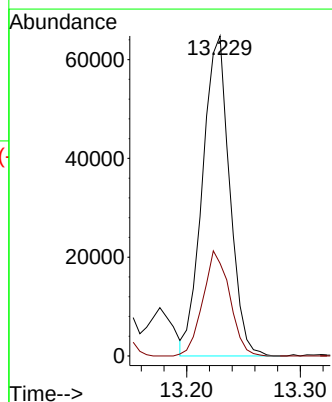
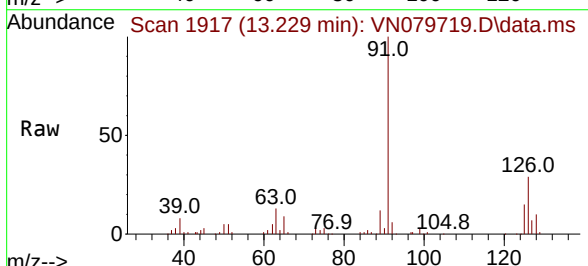
Manual Integrations
APPROVED

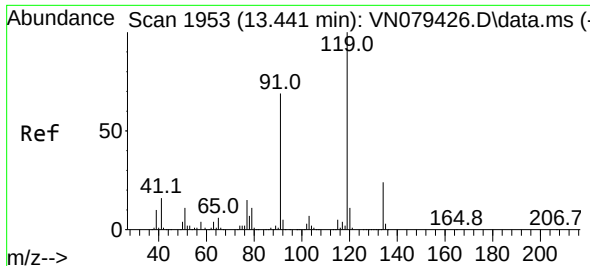
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 10.741 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

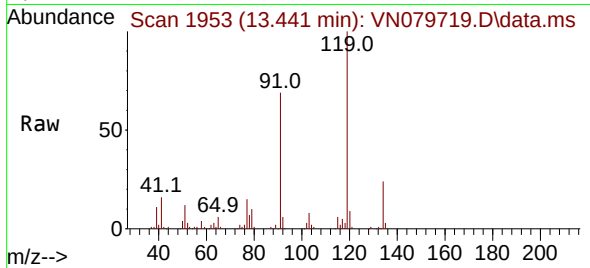
Tgt Ion: 91 Resp: 107579
Ion Ratio Lower Upper
91 100
126 32.4 16.7 50.0





#83
 tert-Butylbenzene
 Concen: 10.837 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079719.D
 Acq: 30 Oct 2023 11:22

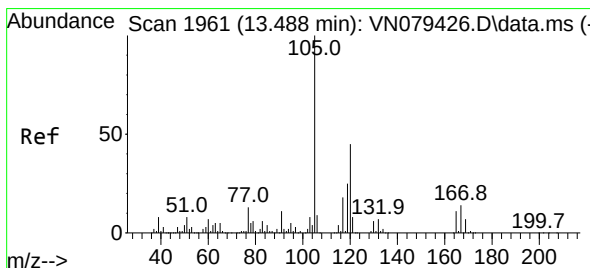
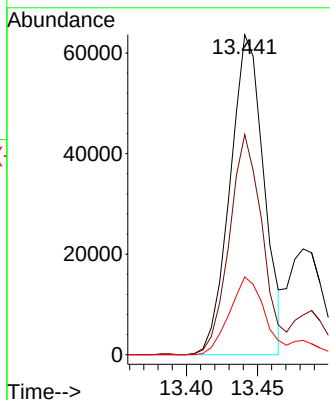
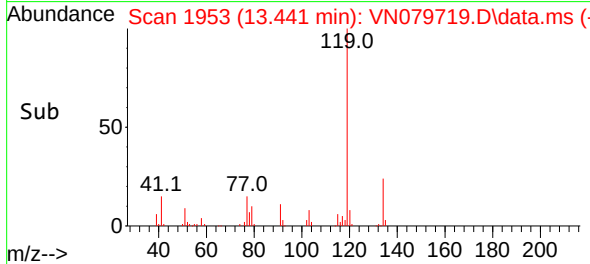
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



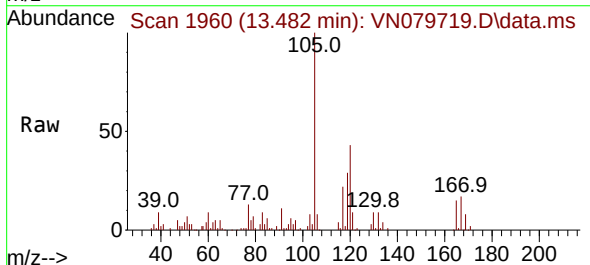
Tgt Ion:119 Resp: 105130
 Ion Ratio Lower Upper
 119 100
 91 67.8 33.9 101.7
 134 25.2 13.2 39.6

Manual Integrations
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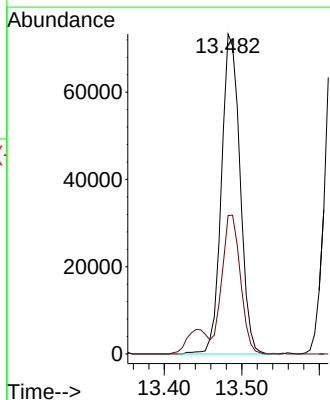
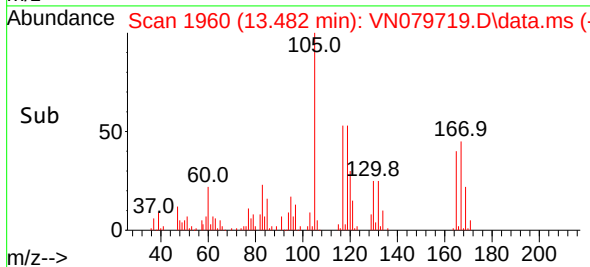
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

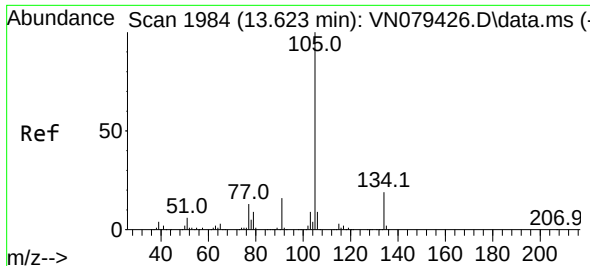


#84
 1,2,4-Trimethylbenzene
 Concen: 10.688 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: VN079719.D
 Acq: 30 Oct 2023 11:22



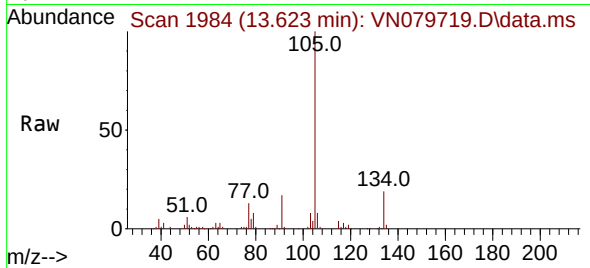
Tgt Ion:105 Resp: 122058
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 10.672 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079719.D
 Acq: 30 Oct 2023 11:22

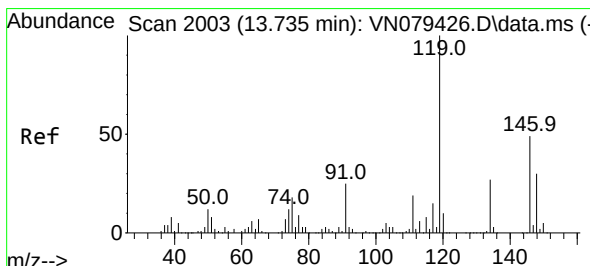
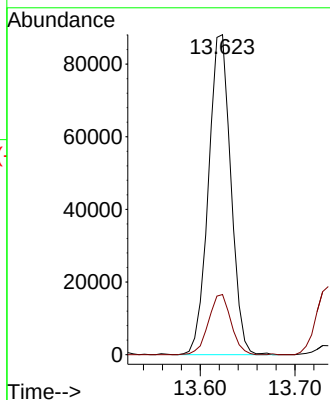
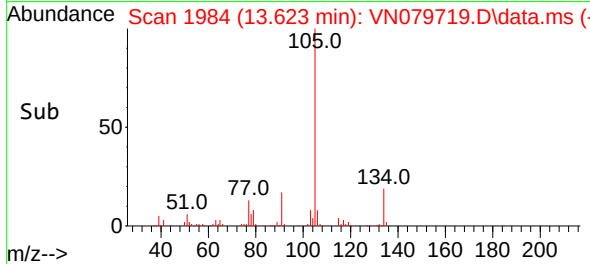
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



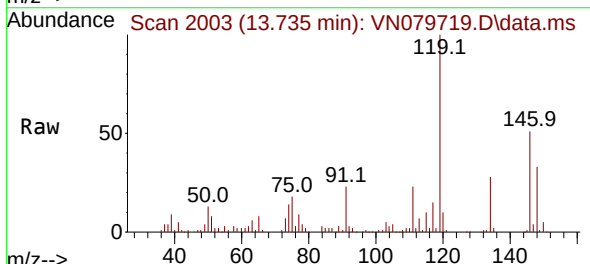
Tgt Ion:105 Resp: 144409
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

Manual Integrations
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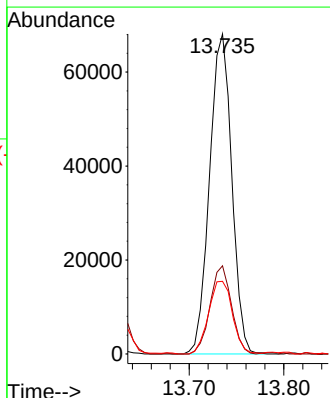
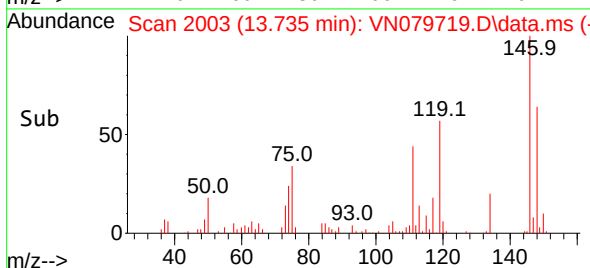
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

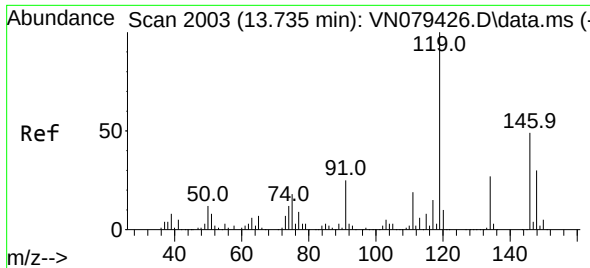


#86
 p-Isopropyltoluene
 Concen: 10.307 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079719.D
 Acq: 30 Oct 2023 11:22



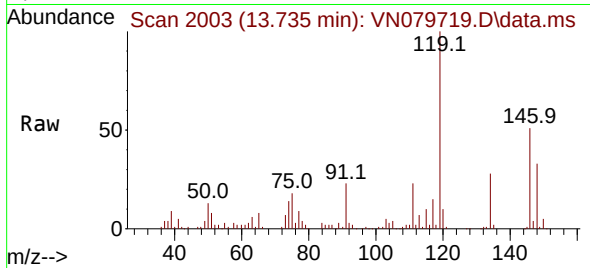
Tgt Ion:119 Resp: 111084
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 24.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 10.329 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

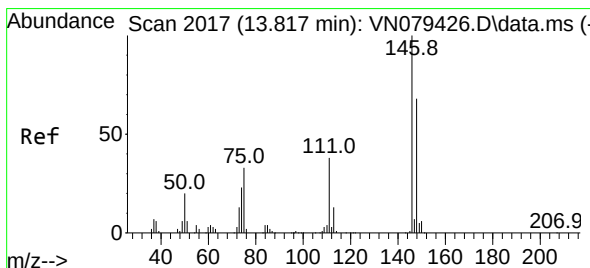
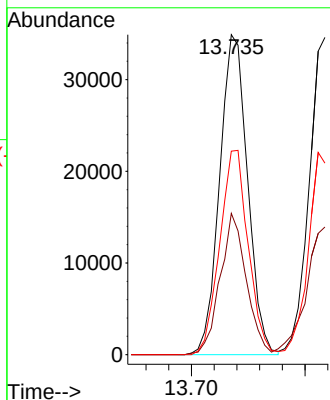
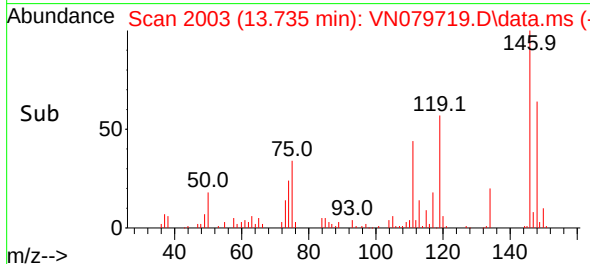
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



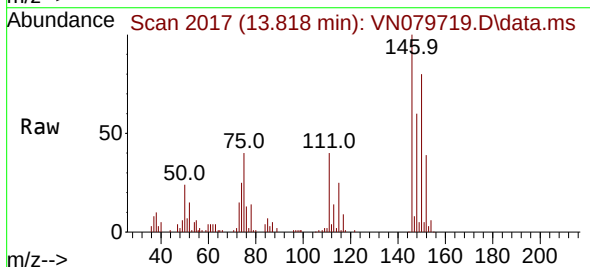
Tgt Ion:146 Resp: 59674
Ion Ratio Lower Upper
146 100
111 41.4 22.1 66.3
148 65.2 32.0 96.0

Manual Integrations
APPROVED

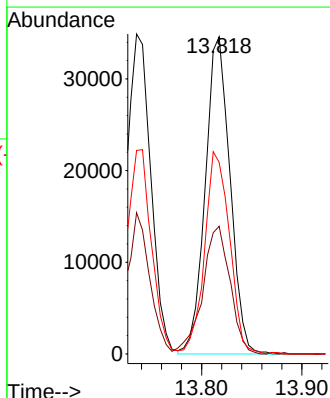
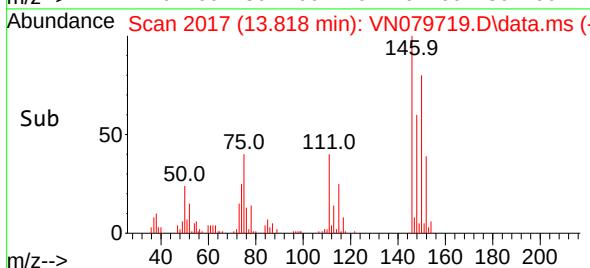
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

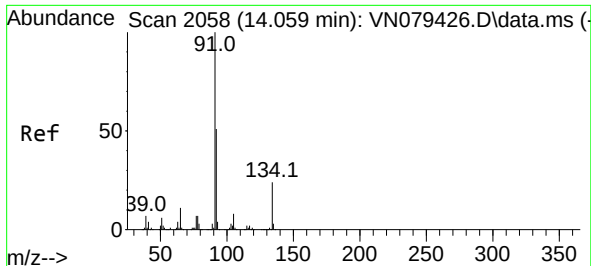


#88
1,4-Dichlorobenzene
Concen: 10.336 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22



Tgt Ion:146 Resp: 59489
Ion Ratio Lower Upper
146 100
111 44.6 20.6 61.8
148 64.0 31.6 94.8





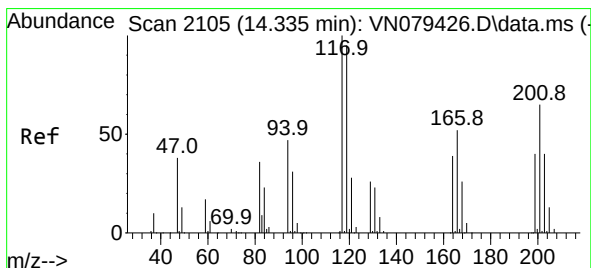
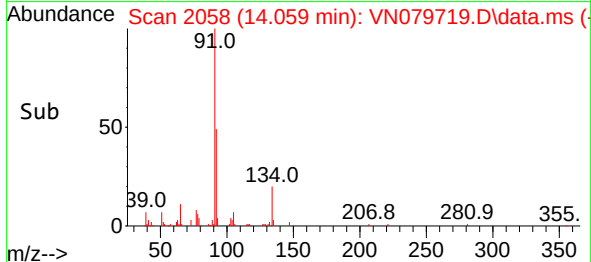
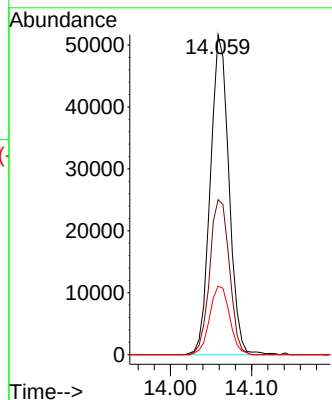
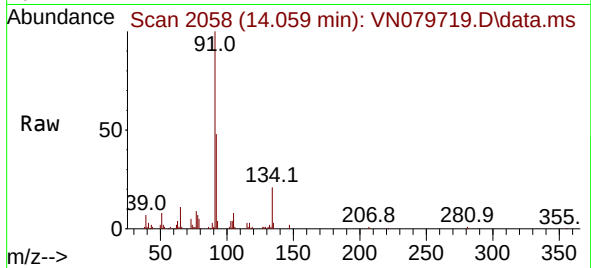
#89
n-Butylbenzene
Concen: 9.582 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 82048
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.0
134 23.0 12.6 37.6

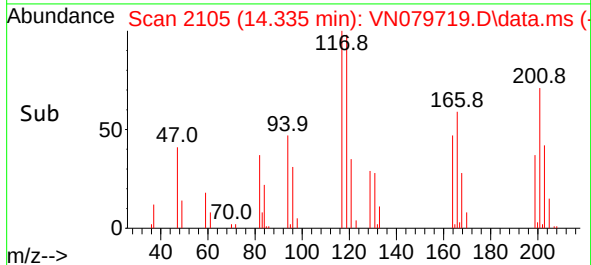
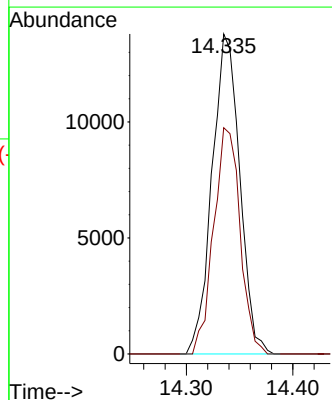
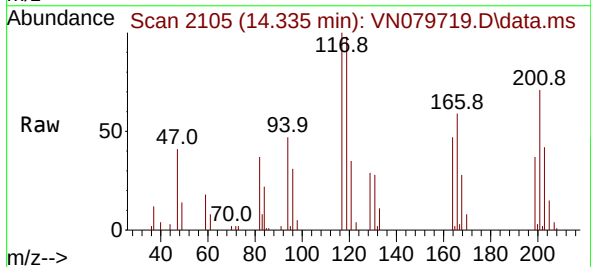
Manual Integrations
APPROVED

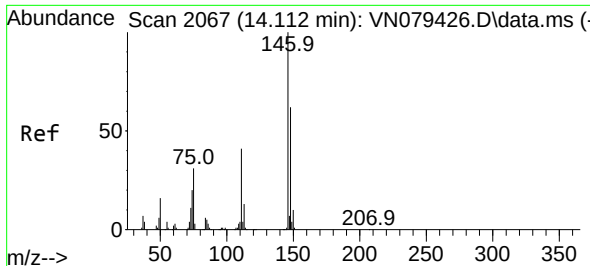
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 10.928 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

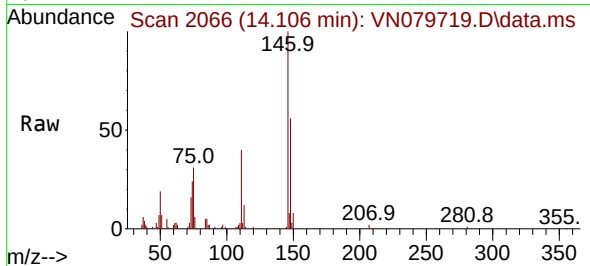
Tgt Ion:117 Resp: 24886
Ion Ratio Lower Upper
117 100
201 67.5 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 10.806 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

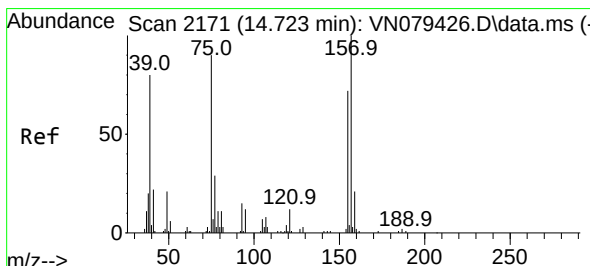
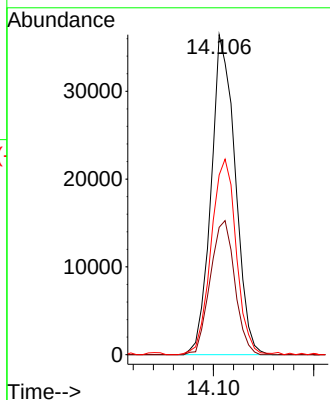
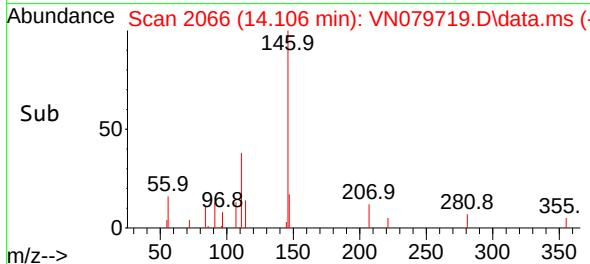
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:146 Resp: 6072
Ion Ratio Lower Upper
146 100
111 42.6 22.0 66.0
148 64.1 31.8 95.3

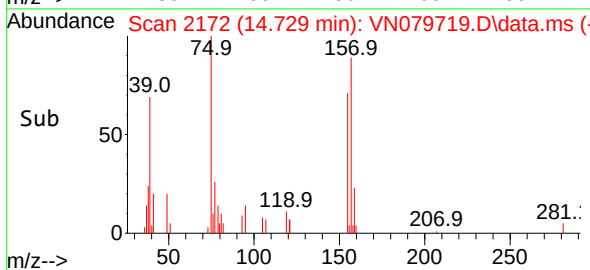
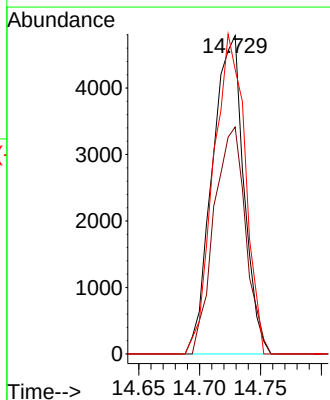
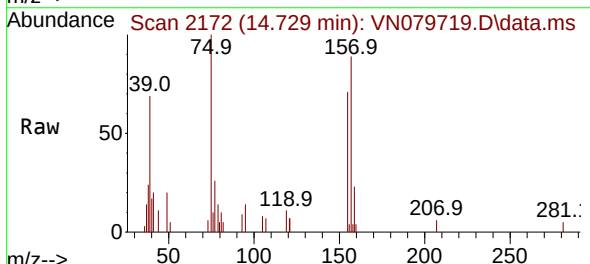
Manual Integrations
APPROVED

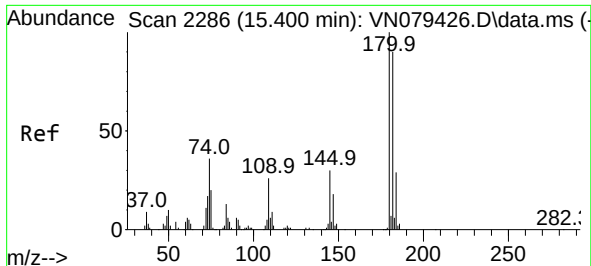
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.874 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

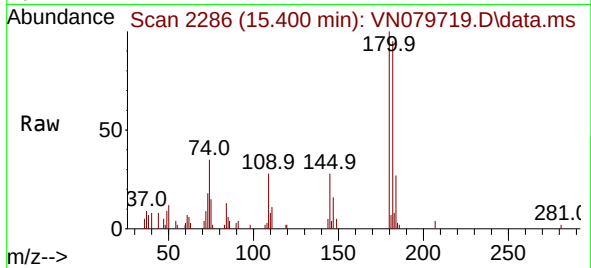
Tgt Ion: 75 Resp: 8622
Ion Ratio Lower Upper
75 100
155 71.8 39.1 117.2
157 100.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 8.926 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

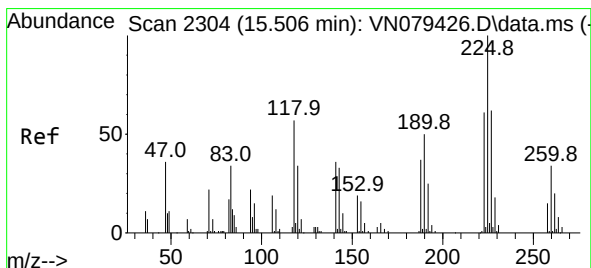
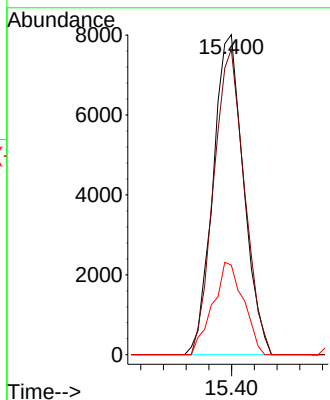
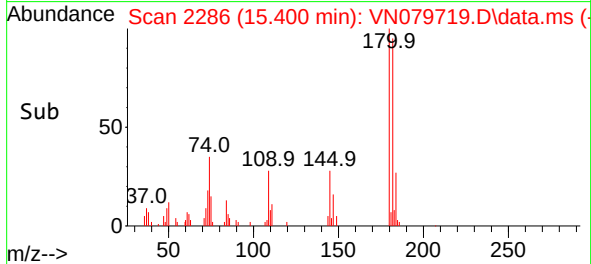
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:180 Resp: 14950
Ion Ratio Lower Upper
180 100
182 95.9 46.1 138.2
145 29.0 16.6 49.8

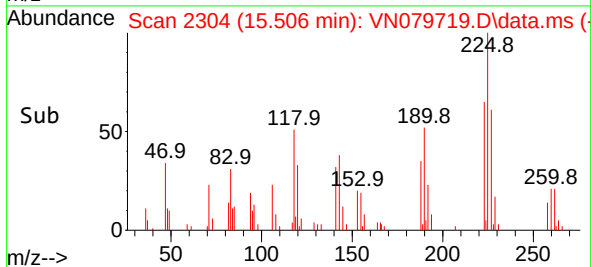
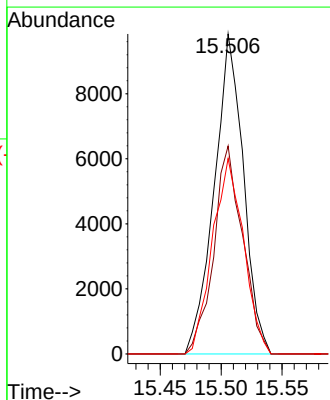
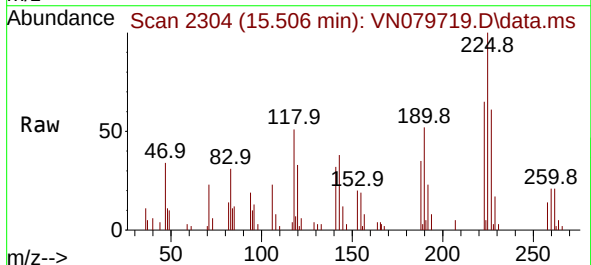
Manual Integrations
APPROVED

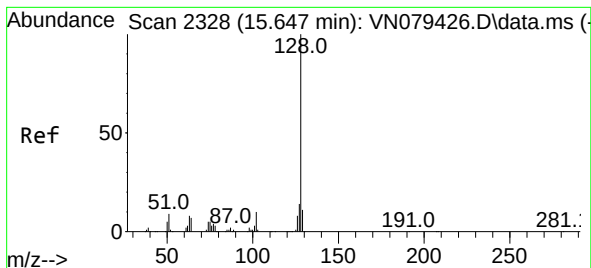
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#94
Hexachlorobutadiene
Concen: 11.008 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079719.D
Acq: 30 Oct 2023 11:22

Tgt Ion:225 Resp: 16359
Ion Ratio Lower Upper
225 100
223 64.6 31.3 93.8
227 65.2 31.9 95.9





#95

Naphthalene

Concen: 8.991 ug/l

RT: 15.641 min Scan# 2328

Delta R.T. -0.006 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

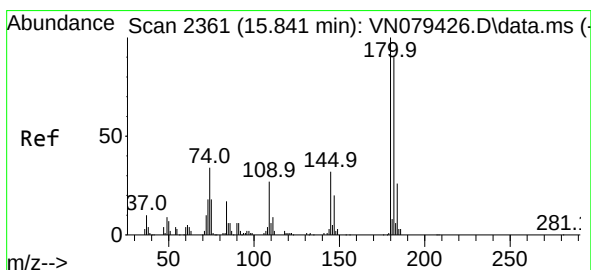
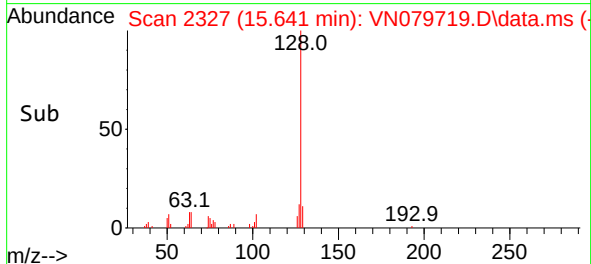
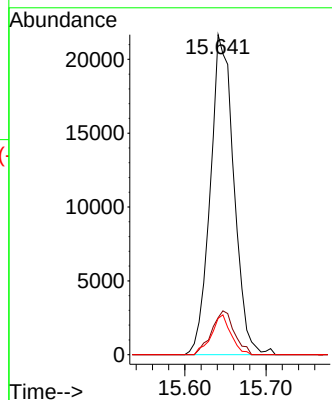
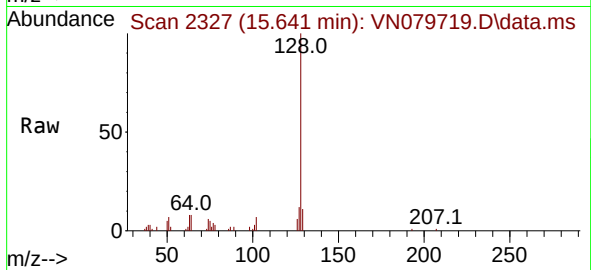
Tgt Ion:	128	Resp:	4372
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.0	15.0
129	10.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#96

1,2,3-Trichlorobenzene

Concen: 9.591 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN079719.D

Acq: 30 Oct 2023 11:22

Tgt Ion:	180	Resp:	17940
Ion Ratio	Lower	Upper	
180	100		
182	92.9	46.2	138.6
145	34.8	17.5	52.6

