

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077943.D
 Acq On : 26 May 2023 23:40
 Operator : JC\MD
 Sample : VN0526WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD02

Quant Time: May 29 01:31:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	349232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	633500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	548805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	211079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	265341	50.779	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.560%			
35) Dibromofluoromethane	8.177	113	222627	53.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.780%			
50) Toluene-d8	10.577	98	830445	52.228	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.460%			
62) 4-Bromofluorobenzene	12.859	95	267562	47.645	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	69670	17.529	ug/l	100
3) Chloromethane	2.371	50	76235	16.905	ug/l	94
4) Vinyl Chloride	2.518	62	97887	19.535	ug/l	99
5) Bromomethane	2.965	94	76098	20.533	ug/l	92
6) Chloroethane	3.130	64	74028	20.499	ug/l	98
7) Trichlorofluoromethane	3.506	101	143786	20.590	ug/l	100
8) Diethyl Ether	3.965	74	51764	20.304	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	78861	20.406	ug/l	99
10) Methyl Iodide	4.600	142	101546	22.032	ug/l	99
11) Tert butyl alcohol	5.530	59	68020	94.321	ug/l #	91
12) 1,1-Dichloroethene	4.353	96	74715	20.341	ug/l	90
13) Acrolein	4.195	56	42226	73.878	ug/l	100
14) Allyl chloride	5.042	41	108825	20.168	ug/l	93
15) Acrylonitrile	5.736	53	186176	96.632	ug/l	100
16) Acetone	4.436	43	152663	92.862	ug/l	93
17) Carbon Disulfide	4.724	76	174194	17.601	ug/l	97
18) Methyl Acetate	5.042	43	135036	19.580	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	266177	20.020	ug/l	99
20) Methylene Chloride	5.283	84	103922	23.229	ug/l #	86
21) trans-1,2-Dichloroethene	5.795	96	86303	20.917	ug/l	86
22) Diisopropyl ether	6.683	45	249967	19.764	ug/l	95
23) Vinyl Acetate	6.612	43	721780	92.106	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	157964	20.386	ug/l	98
25) 2-Butanone	7.494	43	233420	90.765	ug/l	88
26) 2,2-Dichloropropane	7.500	77	104807	15.921	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	100750	20.365	ug/l	92
28) Bromochloromethane	7.818	49	56466	16.850	ug/l	89
29) Tetrahydrofuran	7.847	42	157883	93.759	ug/l	85
30) Chloroform	7.977	83	173781	20.388	ug/l	98
31) Cyclohexane	8.265	56	129853	18.284	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	151466	20.901	ug/l	99
36) 1,1-Dichloropropene	8.383	75	125876	20.833	ug/l	96
37) Ethyl Acetate	7.571	43	101019	18.758	ug/l #	91
38) Carbon Tetrachloride	8.365	117	130524	21.393	ug/l	94
39) Methylcyclohexane	9.606	83	135174	18.274	ug/l #	87
40) Benzene	8.612	78	370053	20.754	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	55299	19.281	ug/l	92
42) 1,2-Dichloroethane	8.683	62	130941	20.216	ug/l	98
43) Isopropyl Acetate	8.700	43	171575	19.505	ug/l	95
44) Trichloroethene	9.359	130	98562	21.831	ug/l	92
45) 1,2-Dichloropropane	9.630	63	95640	21.029	ug/l	97
46) Dibromomethane	9.718	93	67977	20.888	ug/l	96
47) Bromodichloromethane	9.894	83	131954	21.178	ug/l #	96
48) Methyl methacrylate	9.688	41	77162	18.501	ug/l	91
49) 1,4-Dioxane	9.700	88	32561	413.357	ug/l #	89
51) 4-Methyl-2-Pentanone	10.453	43	515057	98.504	ug/l	93
52) Toluene	10.641	92	239623	21.587	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	126677	19.199	ug/l	93
54) cis-1,3-Dichloropropene	10.324	75	142366	19.580	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	92878	21.073	ug/l	99
56) Ethyl methacrylate	10.882	69	131684	19.760	ug/l	90
57) 1,3-Dichloropropane	11.171	76	160335	21.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	245563	74.902	ug/l	91
59) 2-Hexanone	11.200	43	355584	91.941	ug/l	93
60) Dibromochloromethane	11.365	129	95617	21.015	ug/l	98
61) 1,2-Dibromoethane	11.476	107	92720	21.087	ug/l	99
64) Tetrachloroethene	11.112	164	90699	23.632	ug/l	92
65) Chlorobenzene	11.900	112	250769	21.078	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.971	131	94303	22.908	ug/l	97
67) Ethyl Benzene	11.971	91	443140	20.784	ug/l	99
68) m/p-Xylenes	12.076	106	347867	43.060	ug/l	99
69) o-Xylene	12.406	106	167187	21.043	ug/l	96
70) Styrene	12.418	104	266425	21.110	ug/l	99
71) Bromoform	12.588	173	57032	20.826	ug/l #	99
73) Isopropylbenzene	12.700	105	430159	23.642	ug/l	100
74) N-amyl acetate	12.500	43	128119	19.050	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	126299	22.564	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	109637m	20.740	ug/l	
77) Bromobenzene	12.988	156	92891	22.371	ug/l	99
78) n-propylbenzene	13.041	91	486131	22.663	ug/l	98
79) 2-Chlorotoluene	13.129	91	295469	23.083	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	357303	23.365	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	29040	17.560	ug/l	90
82) 4-Chlorotoluene	13.229	91	275892	21.663	ug/l	99
83) tert-Butylbenzene	13.447	119	303881	22.763	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	358755	23.854	ug/l	100
85) sec-Butylbenzene	13.623	105	408370	21.524	ug/l	99
86) p-Isopropyltoluene	13.735	119	331450	21.913	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	160533	20.906	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	154878	20.325	ug/l	98
89) n-Butylbenzene	14.065	91	256982	18.472	ug/l	97
90) Hexachloroethane	14.335	117	54312	21.858	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	162909	22.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	21702	20.026	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	58018	13.840	ug/l	97
94) Hexachlorobutadiene	15.512	225	27250	15.656	ug/l	98
95) Naphthalene	15.647	128	180915	12.538	ug/l	98
96) 1,2,3-Trichlorobenzene	15.853	180	63247	15.409	ug/l	95

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VN0526WBSD02

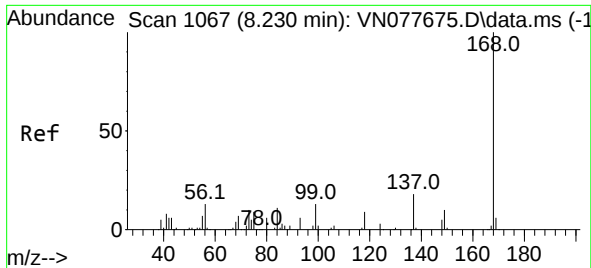
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/30/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

Instrument :

MSVOA_N

ClientSampleId :

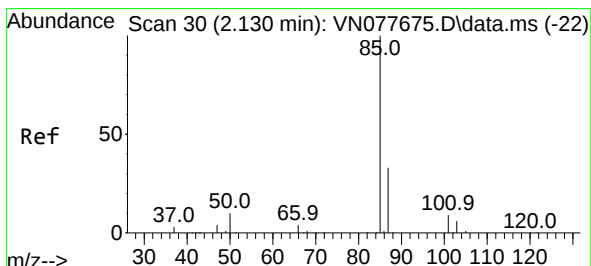
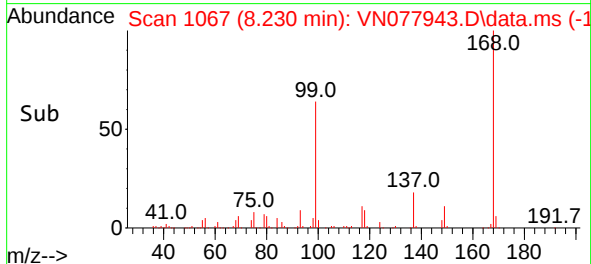
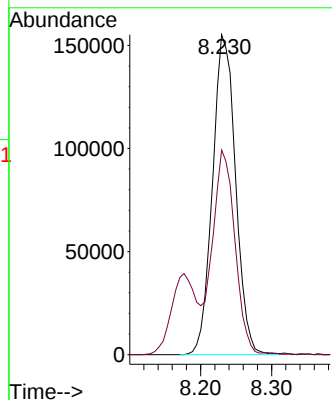
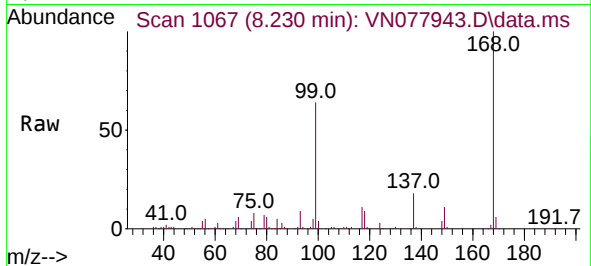
VN0526WBSD02

Tgt Ion:168 Resp: 34923
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6

Manual Integrations

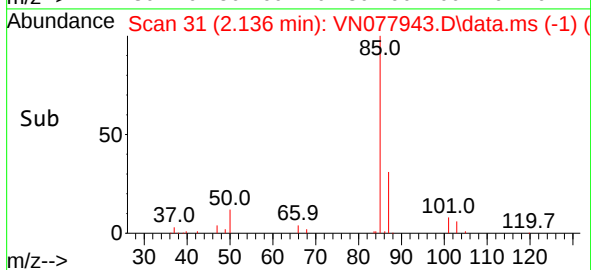
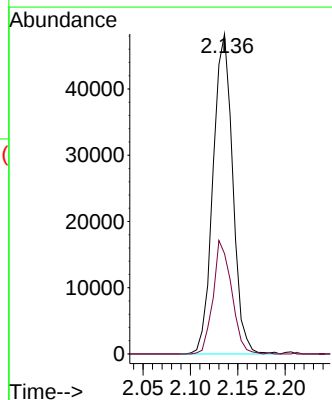
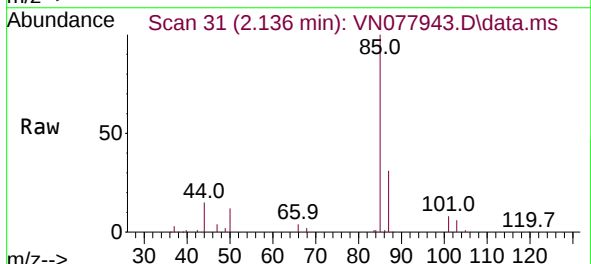
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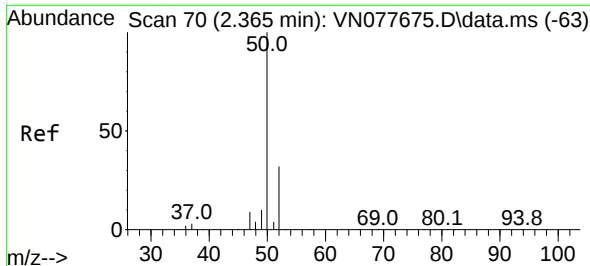
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#2
Dichlorodifluoromethane
Concen: 17.529 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

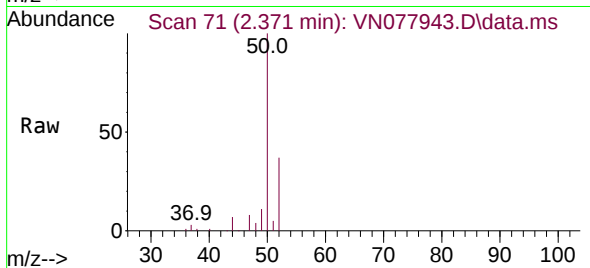
Tgt Ion: 85 Resp: 69670
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3
Chloromethane
Concen: 16.905 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

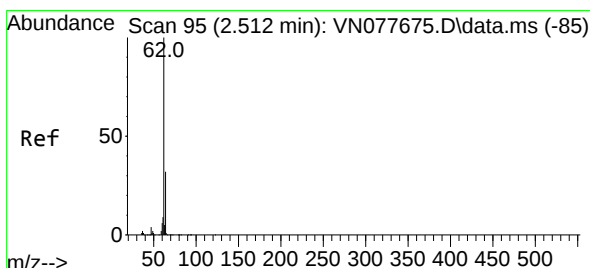
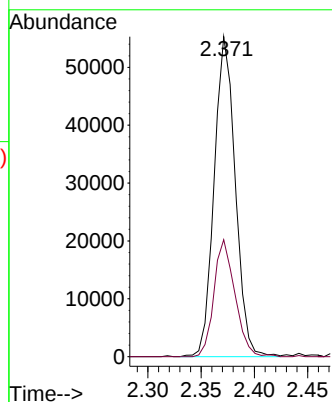
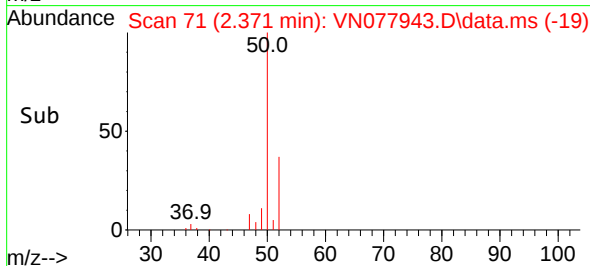
Instrument :
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Tgt Ion: 50 Resp: 76235
Ion Ratio Lower Upper
50 100
52 36.6 26.5 39.7

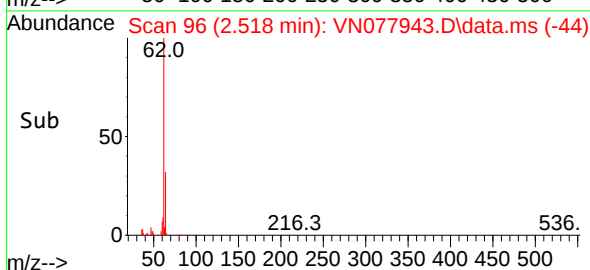
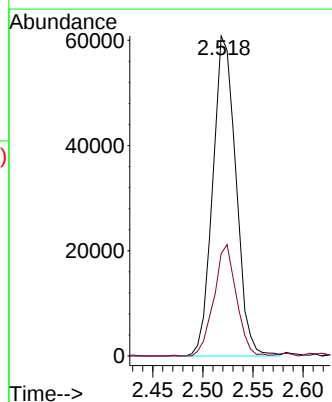
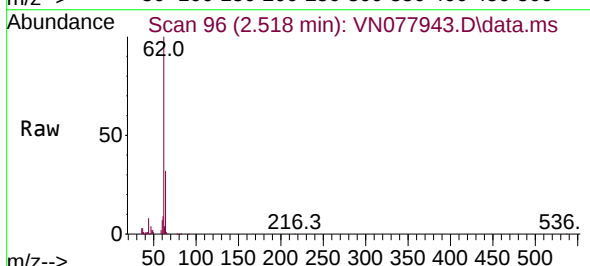
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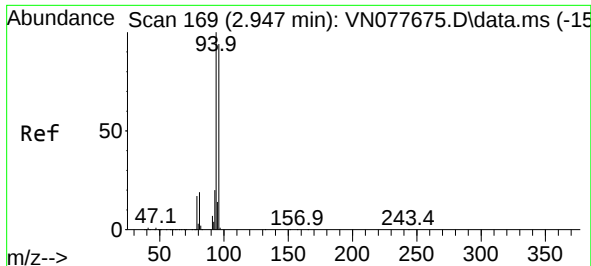
Reviewed By :John Carlone 05/30/2023
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#4
Vinyl Chloride
Concen: 19.535 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

Tgt Ion: 62 Resp: 97887
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2





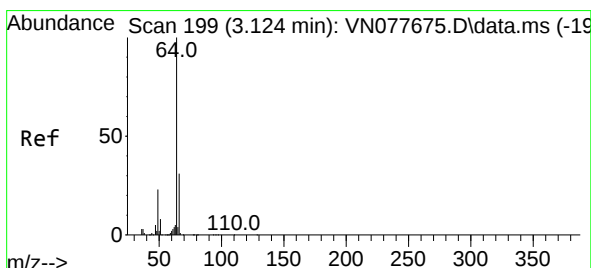
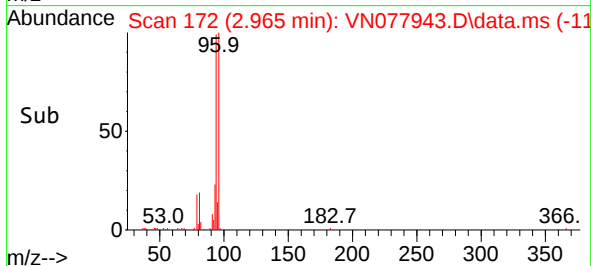
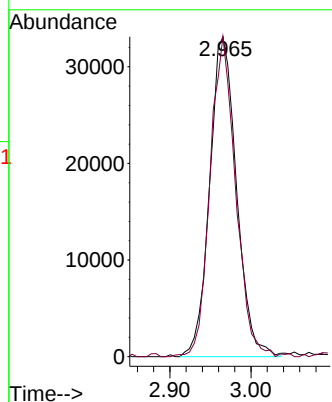
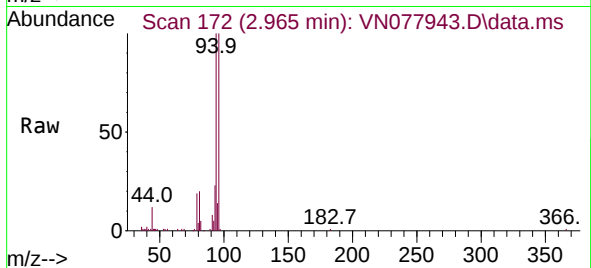
#5
Bromomethane
Concen: 20.533 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

Instrument :
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Tgt Ion: 94 Resp: 76098
Ion Ratio Lower Upper
94 100
96 99.4 73.1 109.7

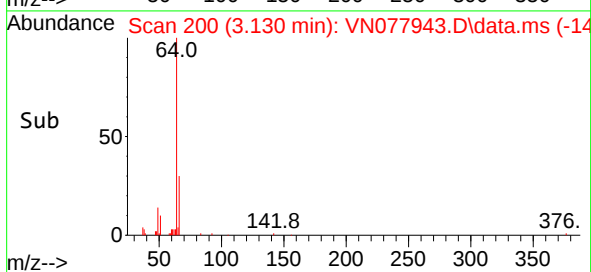
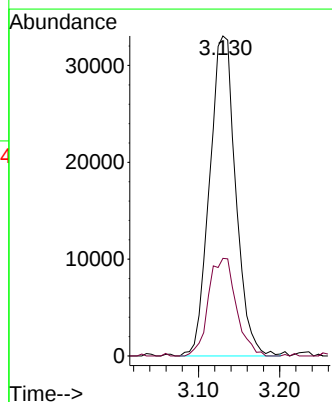
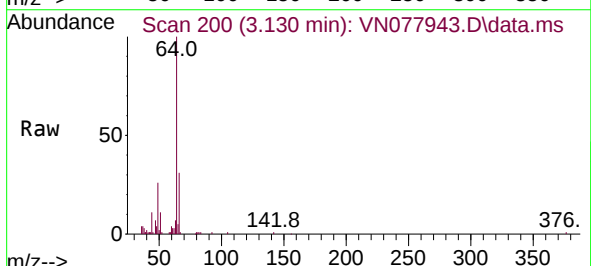
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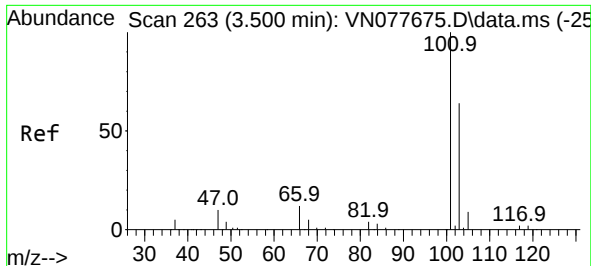
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#6
Chloroethane
Concen: 20.499 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

Tgt Ion: 64 Resp: 74028
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2





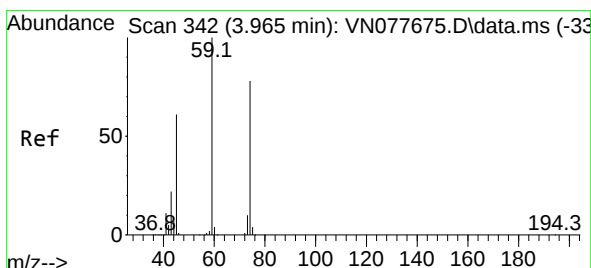
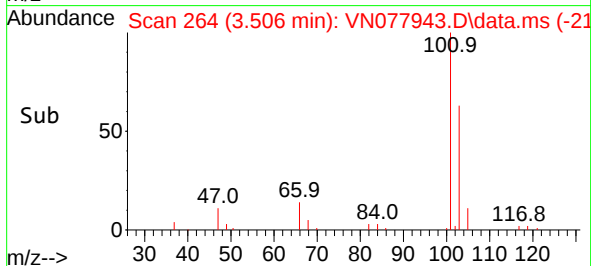
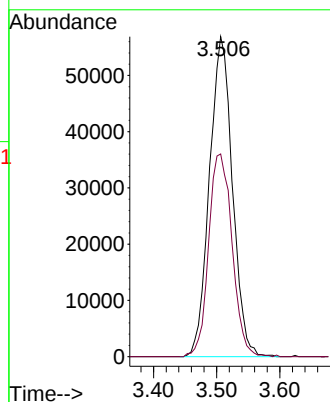
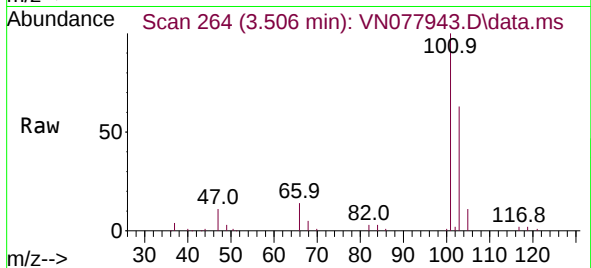
#7
 Trichlorofluoromethane
 Concen: 20.590 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.006 min
 Lab File: VN077943.D
 Acq: 26 May 2023 23:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD02

Tgt Ion:101 Resp: 143780
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1

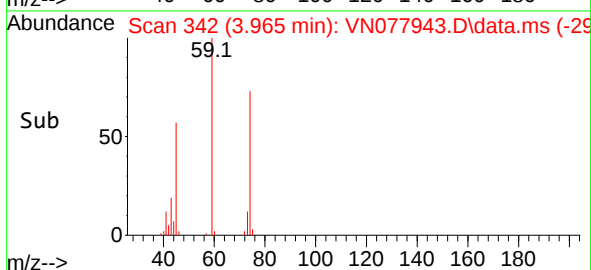
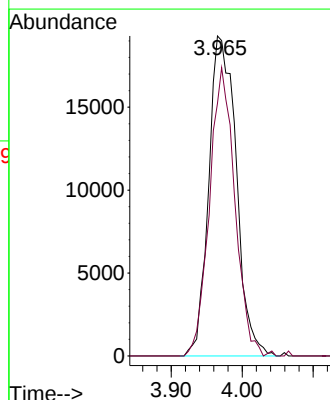
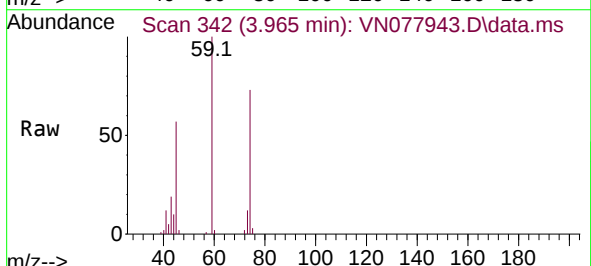
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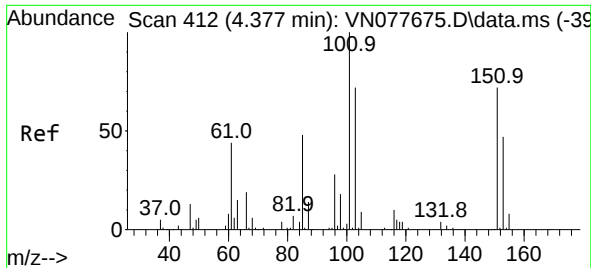
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#8
 Diethyl Ether
 Concen: 20.304 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN077943.D
 Acq: 26 May 2023 23:40

Tgt Ion: 74 Resp: 51764
 Ion Ratio Lower Upper
 74 100
 45 83.0 34.4 103.3





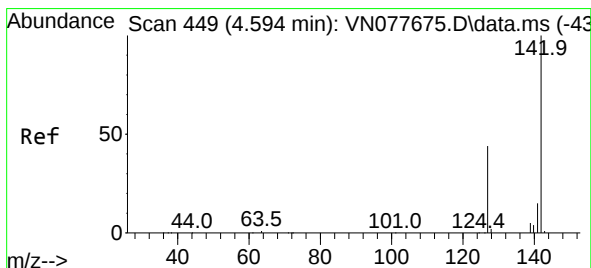
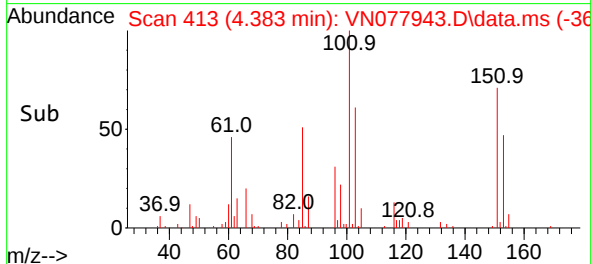
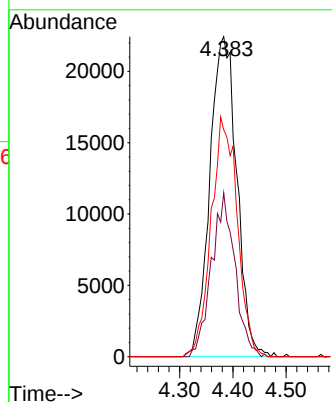
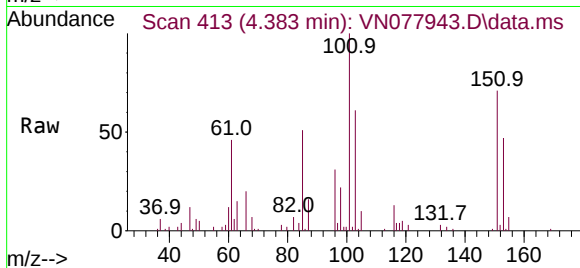
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.406 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02

Tgt Ion:101 Resp: 7886
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 72.4 57.6 86.4

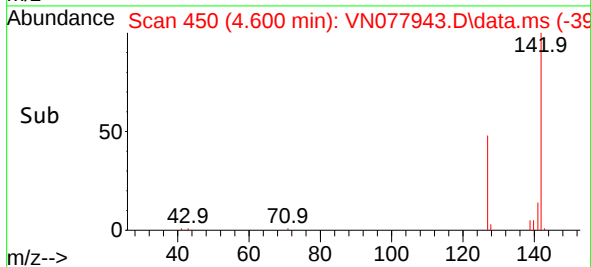
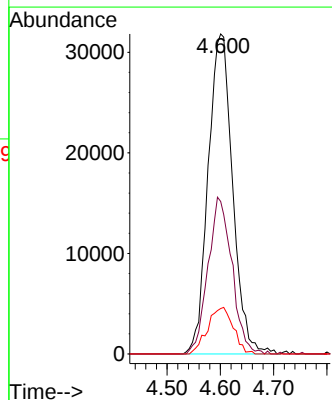
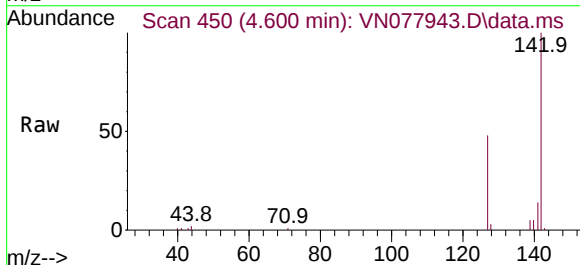
Manual Integrations
APPROVED

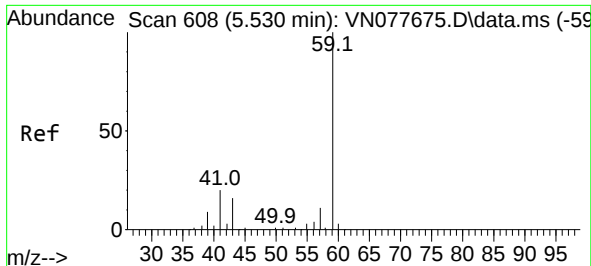
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#10
Methyl Iodide
Concen: 22.032 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

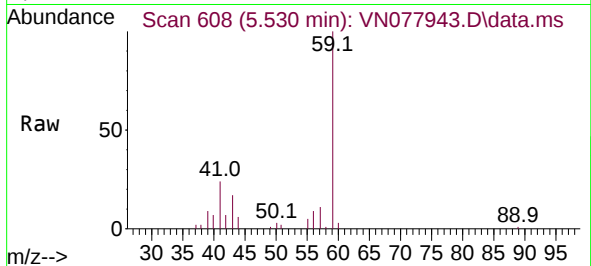
Tgt Ion:142 Resp: 101546
Ion Ratio Lower Upper
142 100
127 47.6 37.6 56.4
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 94.321 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

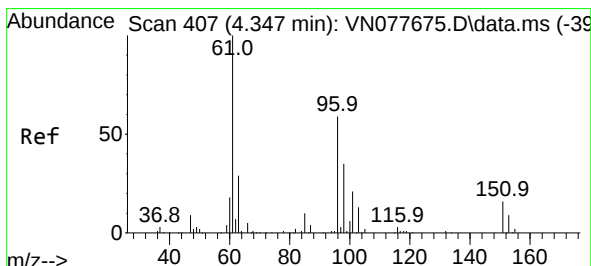
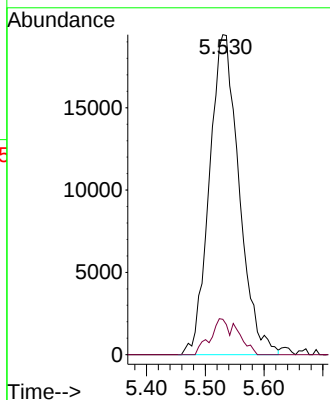
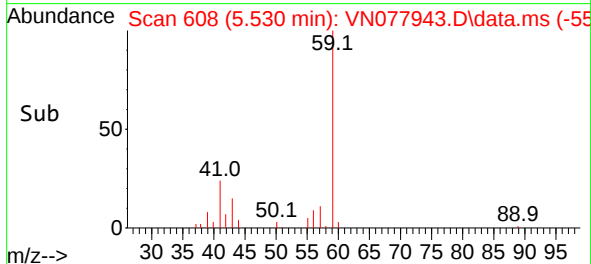
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



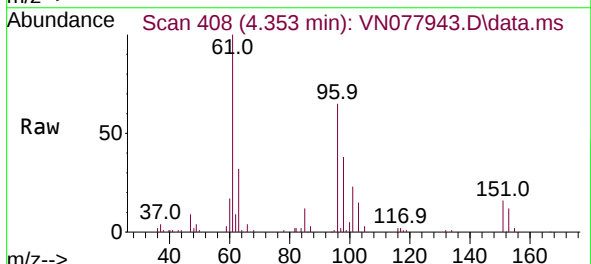
Tgt Ion: 59 Resp: 68020
Ion Ratio Lower Upper
59 100
57 6.8 8.2 12.4

Manual Integrations
APPROVED

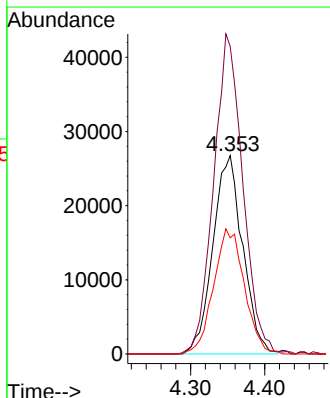
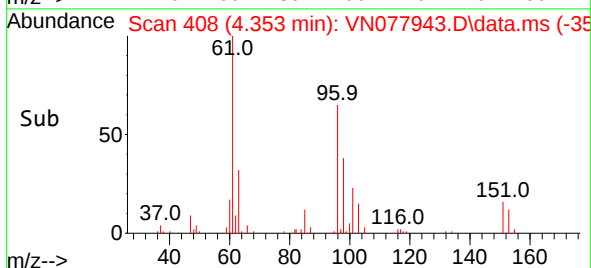
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

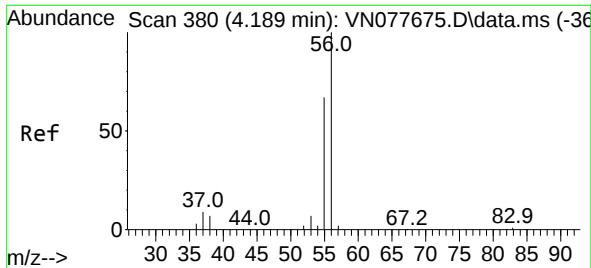


#12
1,1-Dichloroethene
Concen: 20.341 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40



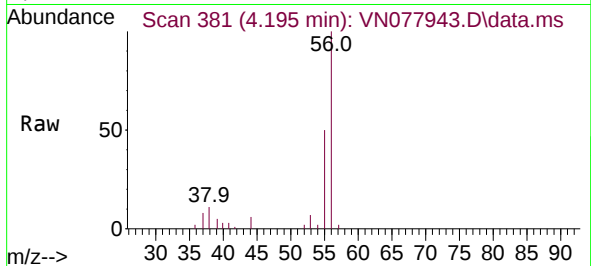
Tgt Ion: 96 Resp: 74715
Ion Ratio Lower Upper
96 100
61 155.0 112.7 169.1
98 58.5 51.2 76.8





#13
Acrolein
Concen: 73.878 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

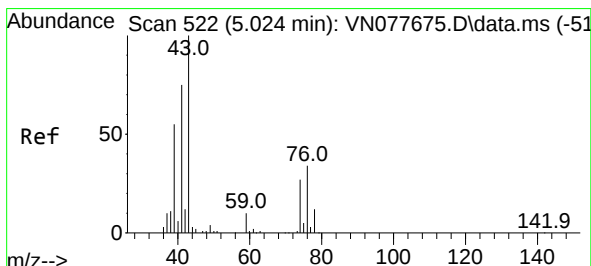
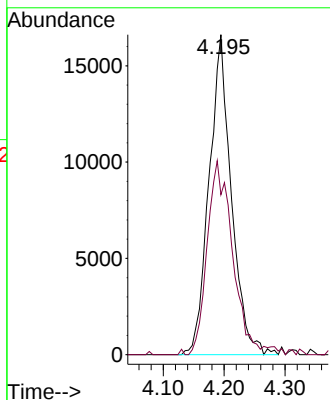
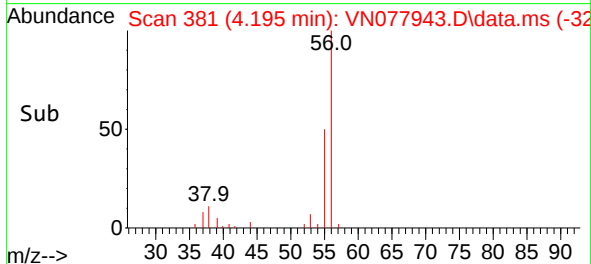
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



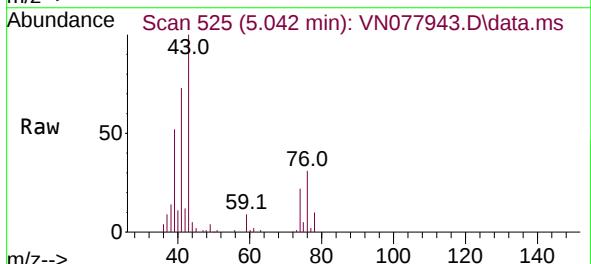
Tgt Ion: 56 Resp: 42220
Ion Ratio Lower Upper
56 100
55 68.2 54.5 81.7

Manual Integrations
APPROVED

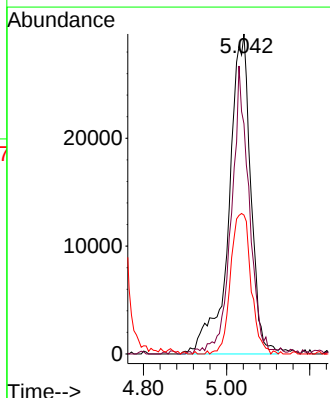
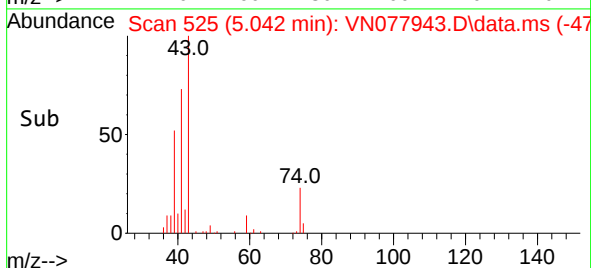
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

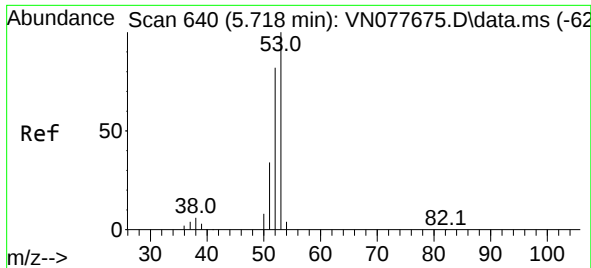


#14
Allyl chloride
Concen: 20.168 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40



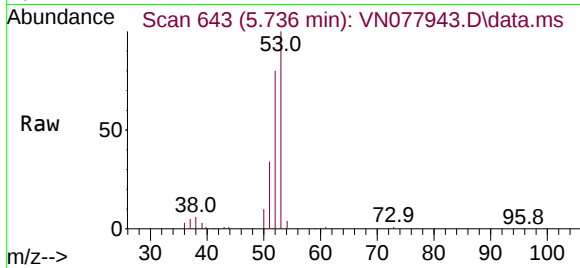
Tgt Ion: 41 Resp: 108825
Ion Ratio Lower Upper
41 100
39 70.5 58.8 88.2
76 40.7 39.1 58.7





#15
Acrylonitrile
Concen: 96.632 ug/l
RT: 5.736 min Scan# 640
Delta R.T. 0.018 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

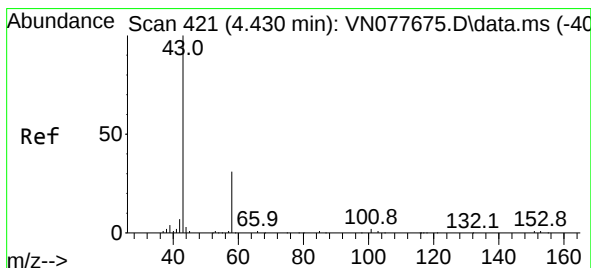
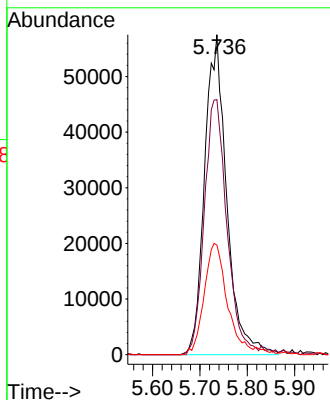
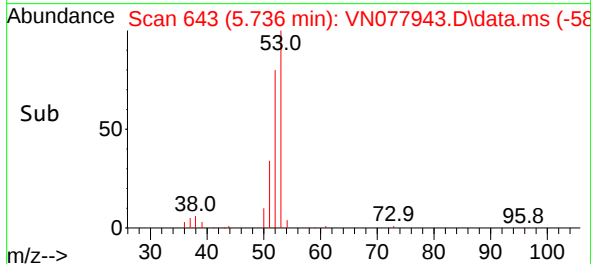
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



Tgt Ion: 53 Resp: 186170
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 36.1 28.9 43.3

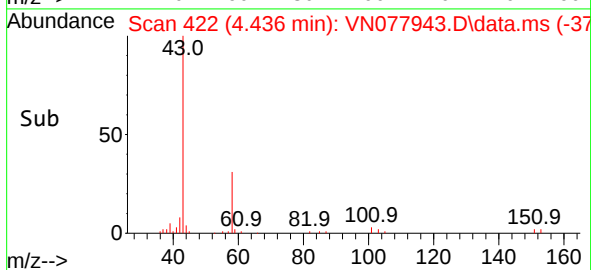
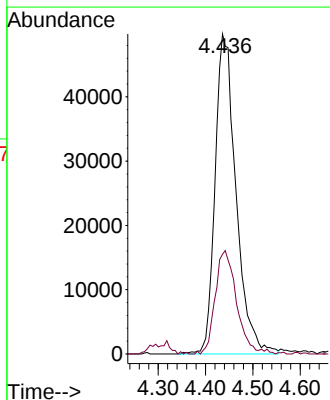
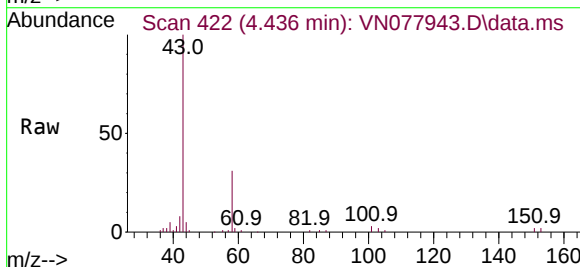
Manual Integrations
APPROVED

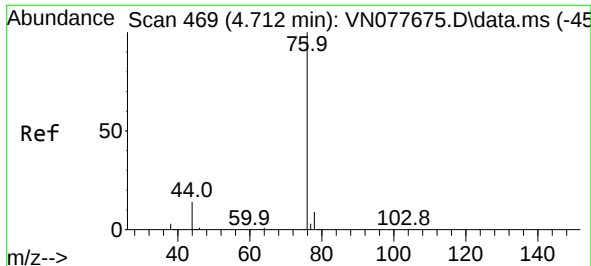
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#16
Acetone
Concen: 92.862 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

Tgt Ion: 43 Resp: 152663
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0





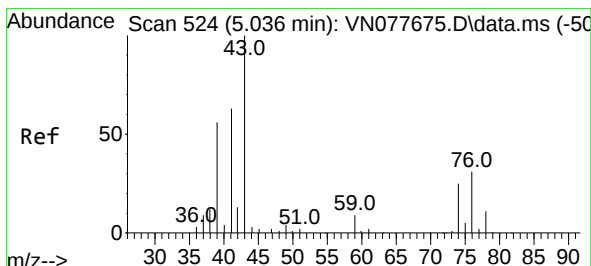
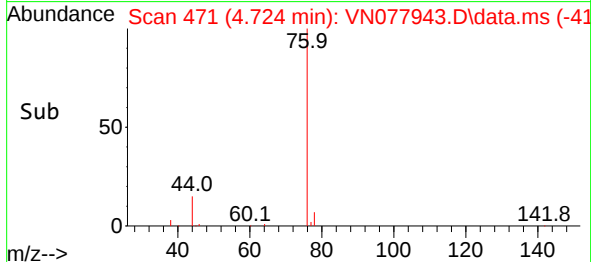
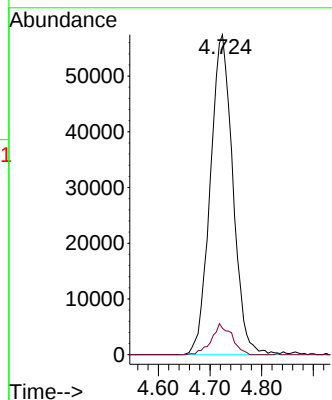
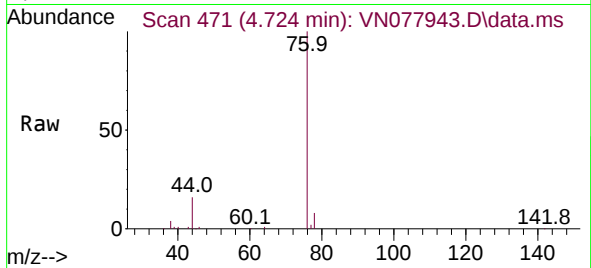
#17
Carbon Disulfide
Concen: 17.601 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02

Tgt Ion: 76 Resp: 174194
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

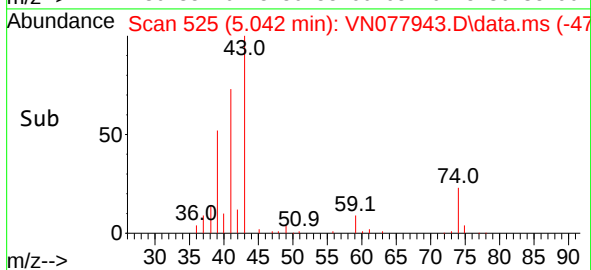
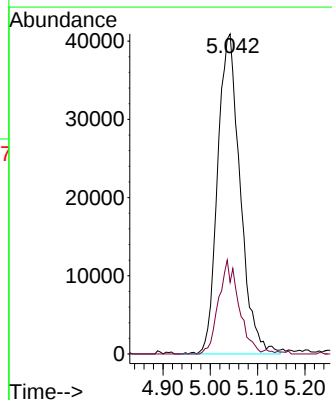
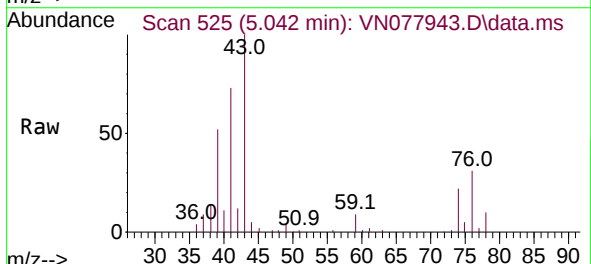
Manual Integrations
APPROVED

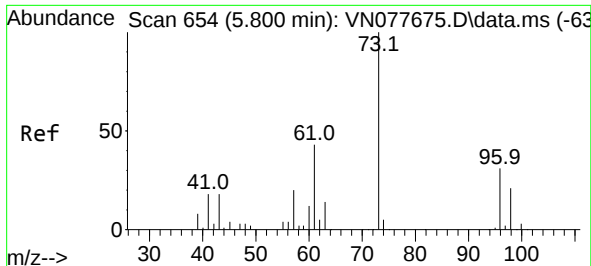
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#18
Methyl Acetate
Concen: 19.580 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

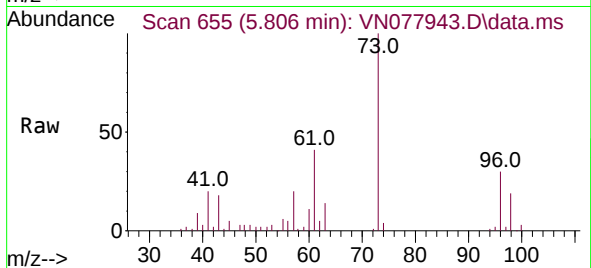
Tgt Ion: 43 Resp: 135036
Ion Ratio Lower Upper
43 100
74 26.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 20.020 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

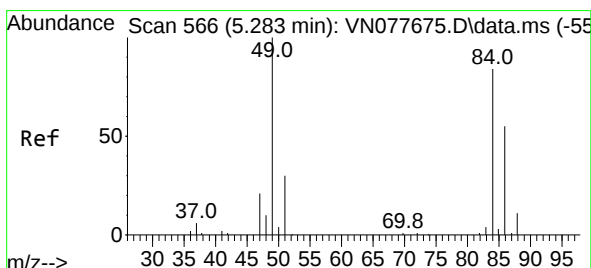
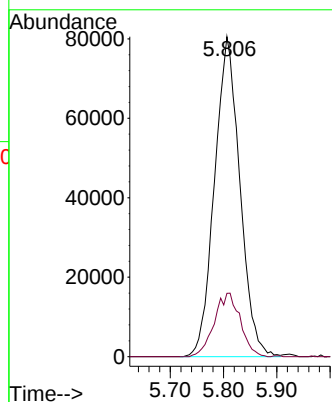
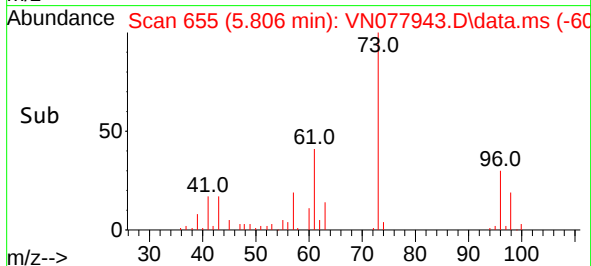
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



Tgt Ion: 73 Resp: 26617
Ion Ratio Lower Upper
73 100
57 19.8 15.6 23.4

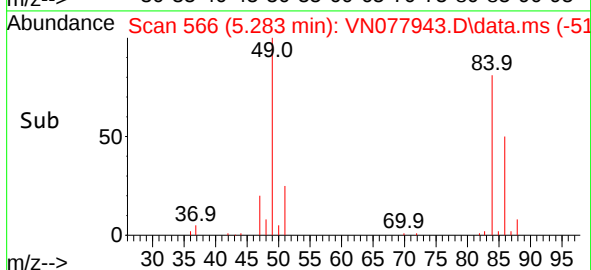
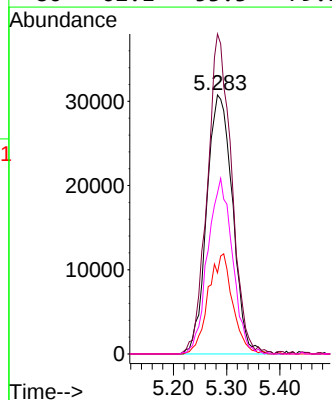
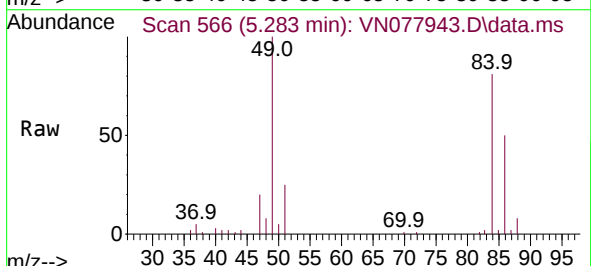
Manual Integrations
APPROVED

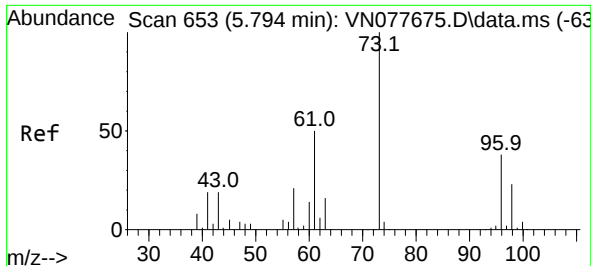
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#20
Methylene Chloride
Concen: 23.229 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

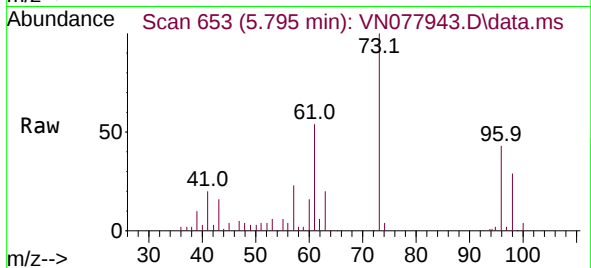
Tgt Ion: 84 Resp: 103922
Ion Ratio Lower Upper
84 100
49 123.5 79.7 119.5#
51 31.3 25.2 37.8
86 62.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 20.917 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

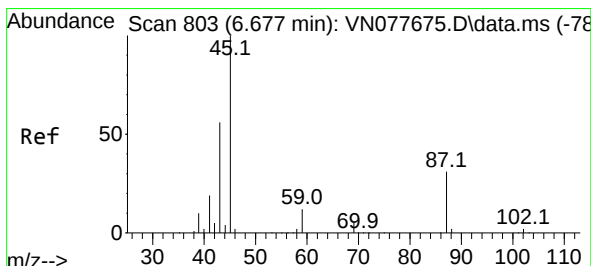
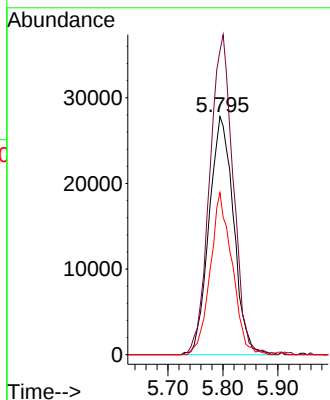
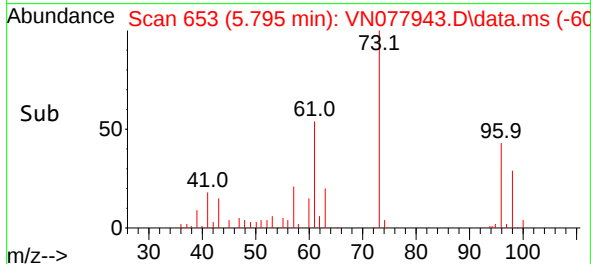
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



Tgt Ion: 96 Resp: 8630
Ion Ratio Lower Upper
96 100
61 127.6 90.1 135.1
98 68.1 46.4 69.6

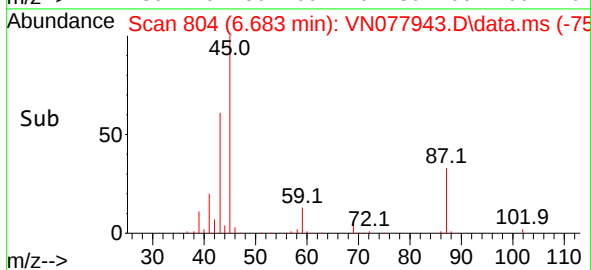
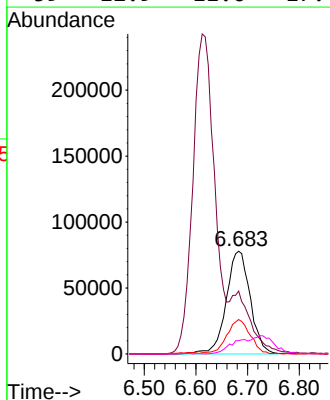
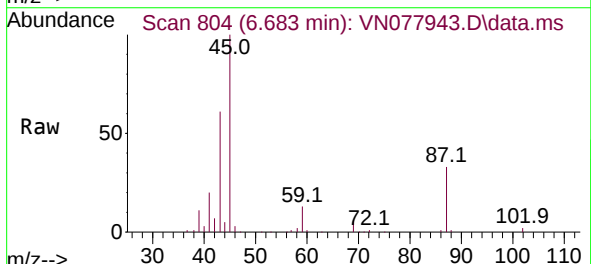
Manual Integrations
APPROVED

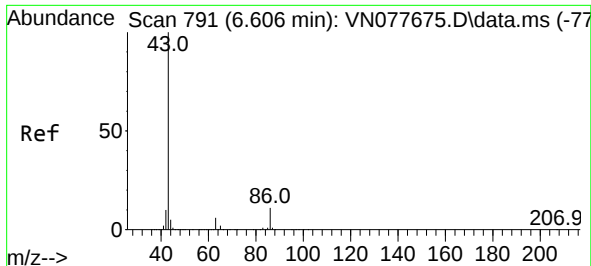
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#22
Diisopropyl ether
Concen: 19.764 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

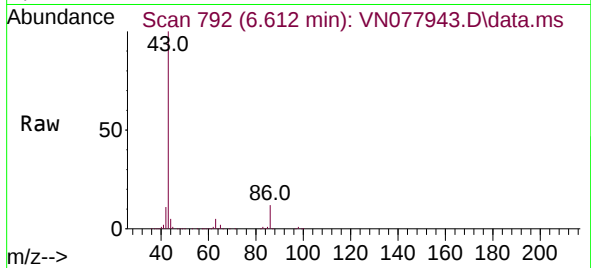
Tgt Ion: 45 Resp: 249967
Ion Ratio Lower Upper
45 100
43 58.0 45.5 68.3
87 33.0 31.8 47.8
59 12.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 92.106 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077943.D
 Acq: 26 May 2023 23:40

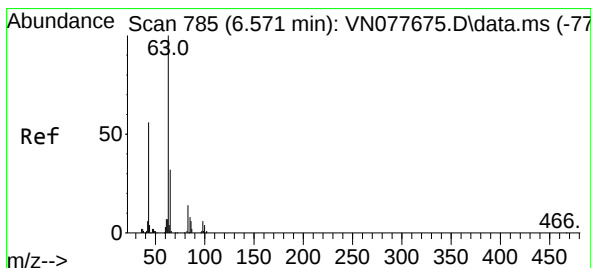
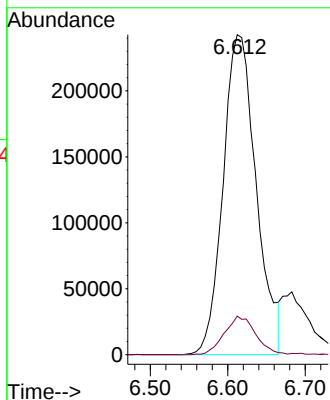
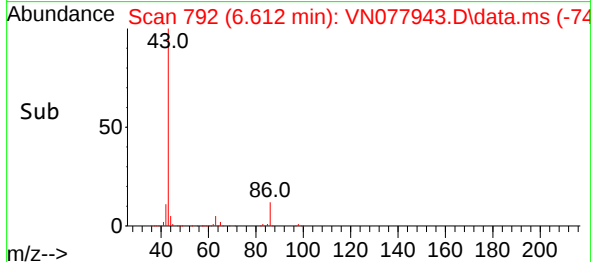
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD02



Tgt Ion: 43 Resp: 721780
 Ion Ratio Lower Upper
 43 100
 86 12.1 13.0 19.6

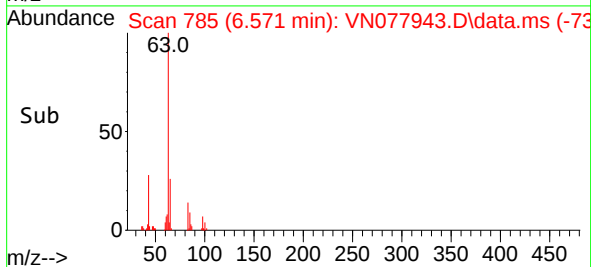
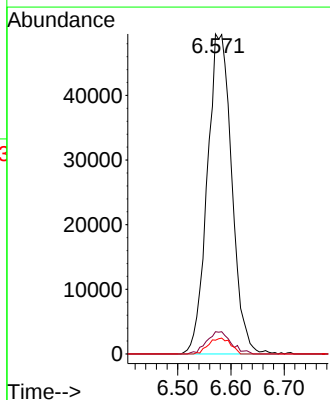
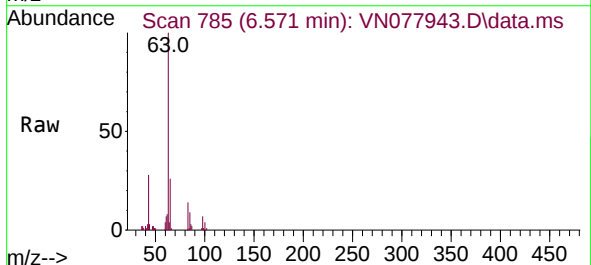
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#24
 1,1-Dichloroethane
 Concen: 20.386 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN077943.D
 Acq: 26 May 2023 23:40

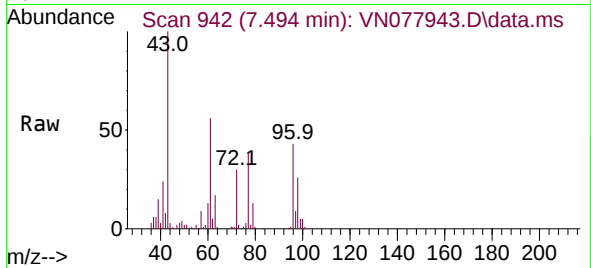
Tgt Ion: 63 Resp: 157964
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 90.765 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

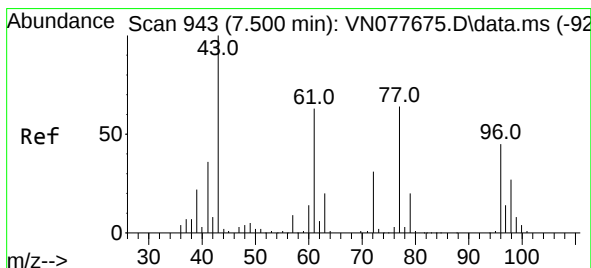
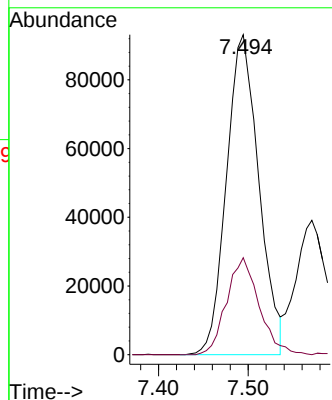
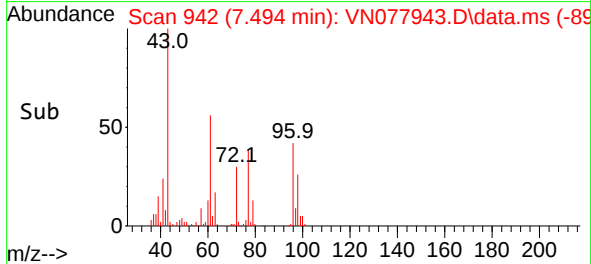
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



Tgt Ion: 43 Resp: 233420
Ion Ratio Lower Upper
43 100
72 30.3 30.2 45.2

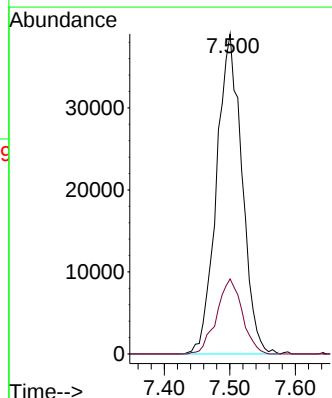
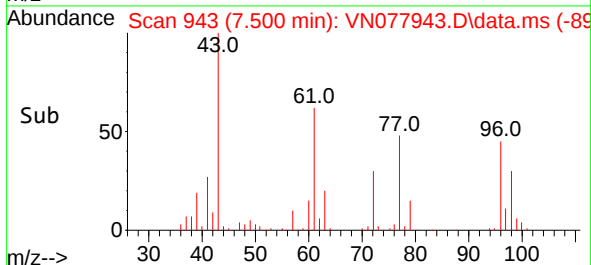
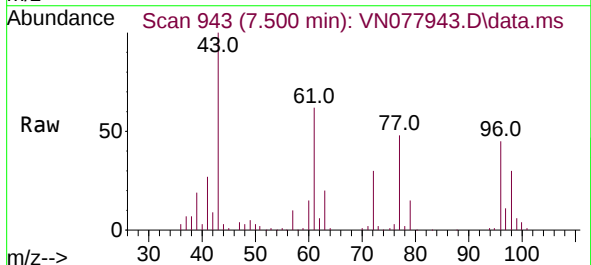
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#26
2,2-Dichloropropane
Concen: 15.921 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

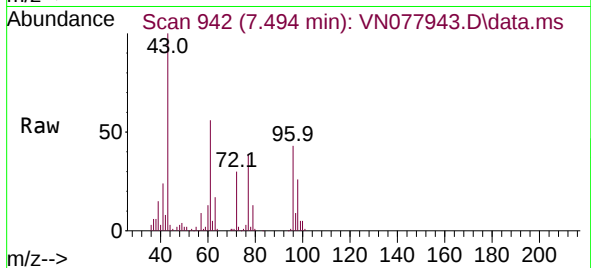
Tgt Ion: 77 Resp: 104807
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.365 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077943.D
 Acq: 26 May 2023 23:40

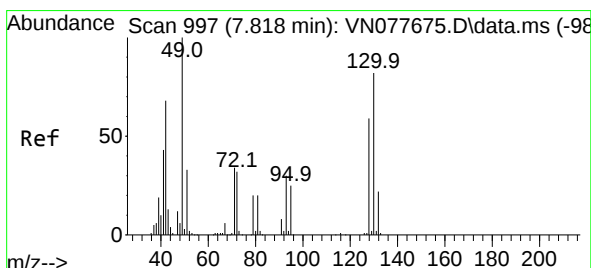
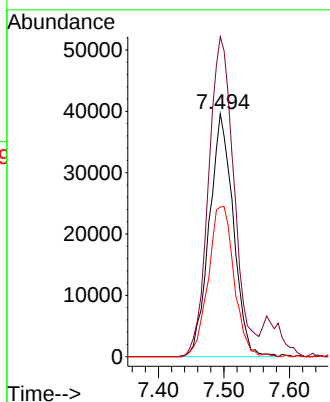
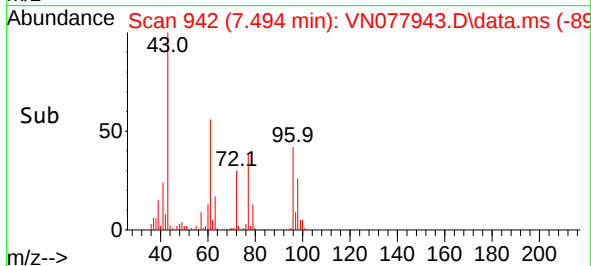
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD02



Tgt Ion: 96 Resp: 100750
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 255.2
 98 66.5 0.0 128.8

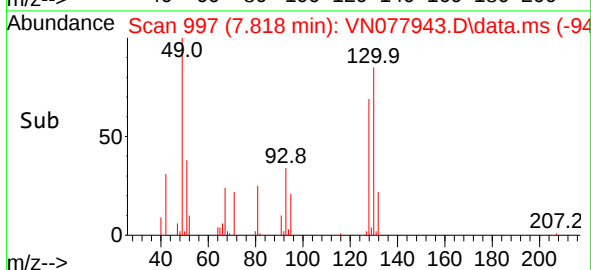
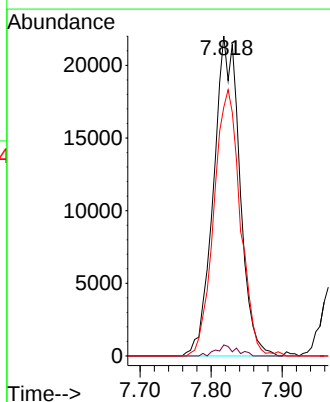
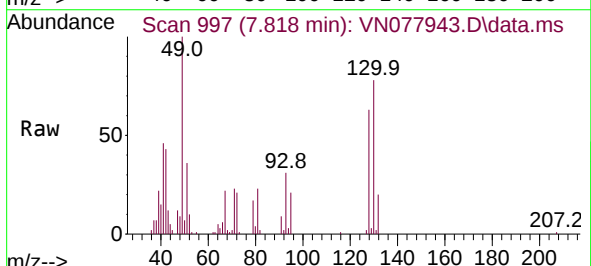
Manual Integrations
 APPROVED

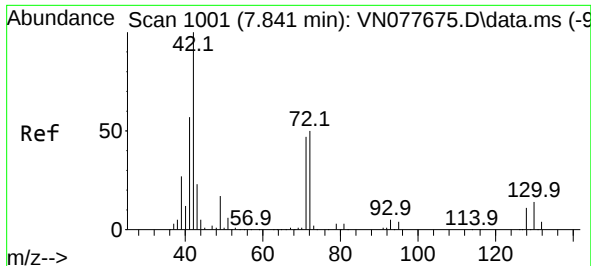
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#28
 Bromochloromethane
 Concen: 16.850 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077943.D
 Acq: 26 May 2023 23:40

Tgt Ion: 49 Resp: 56466
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 83.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 93.759 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD02

Tgt Ion: 42 Resp: 15788

Ion Ratio Lower Upper

42 100

72 50.0 49.8 74.6

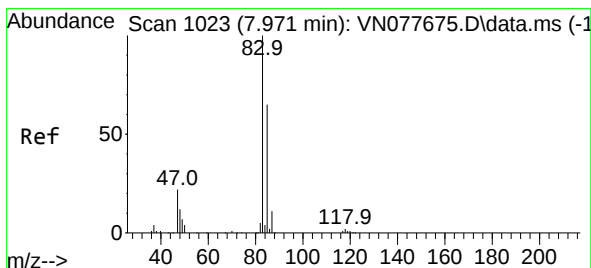
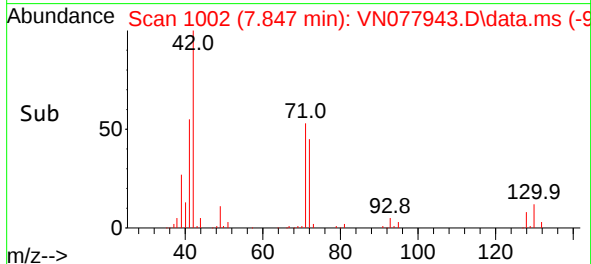
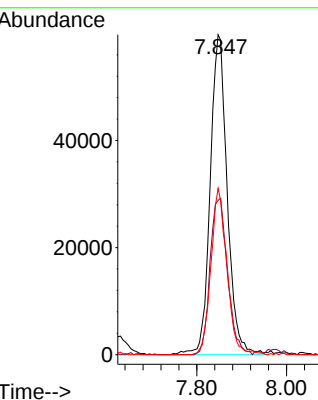
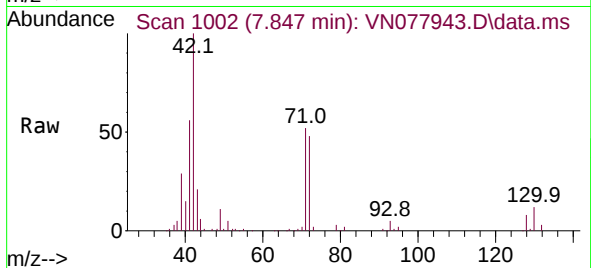
71 49.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#30

Chloroform

Concen: 20.388 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077943.D

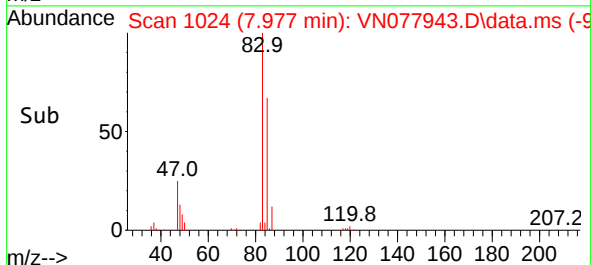
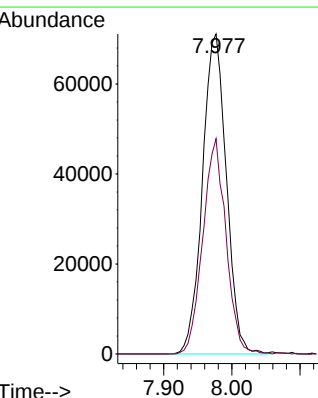
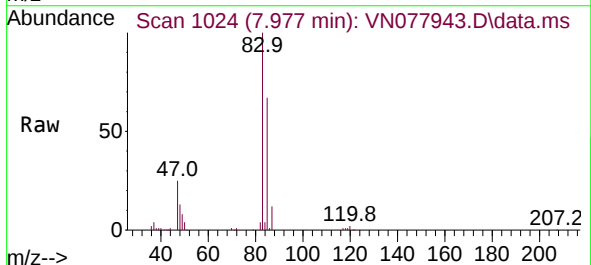
Acq: 26 May 2023 23:40

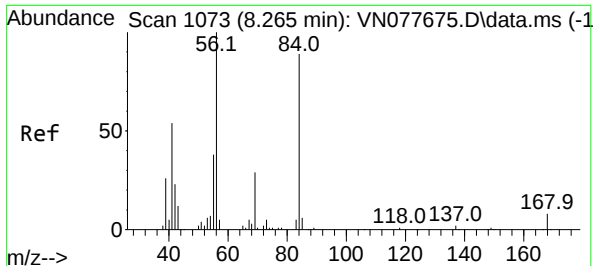
Tgt Ion: 83 Resp: 173781

Ion Ratio Lower Upper

83 100

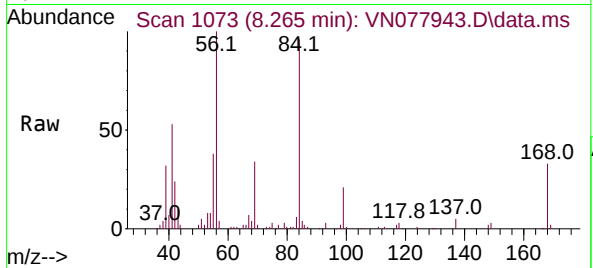
85 67.3 55.4 83.0





#31
Cyclohexane
Concen: 18.284 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

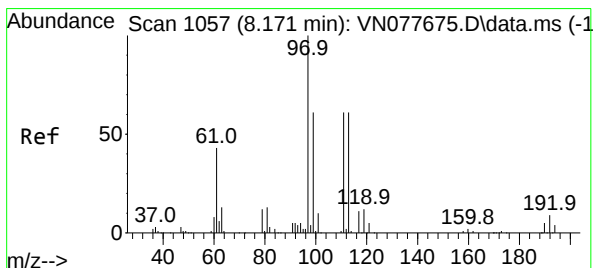
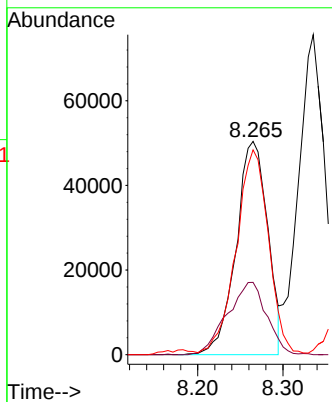
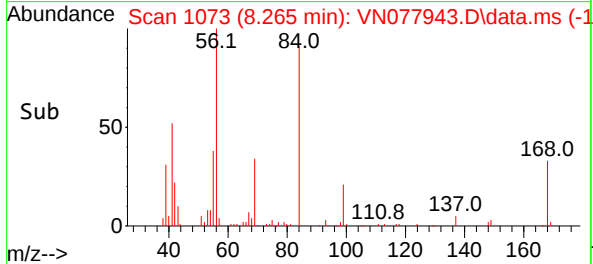
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



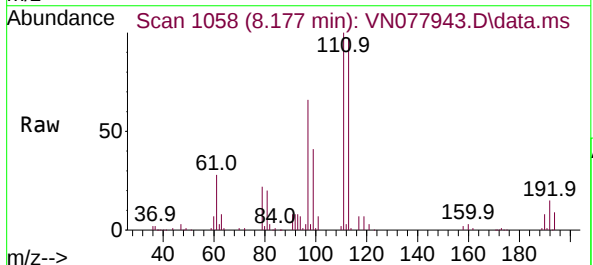
Tgt Ion: 56 Resp: 12985
Ion Ratio Lower Upper
56 100
69 33.9 26.8 40.2
84 93.8 81.8 122.6

Manual Integrations
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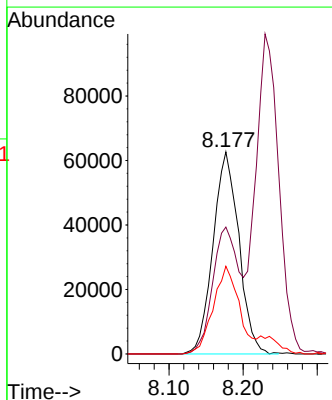
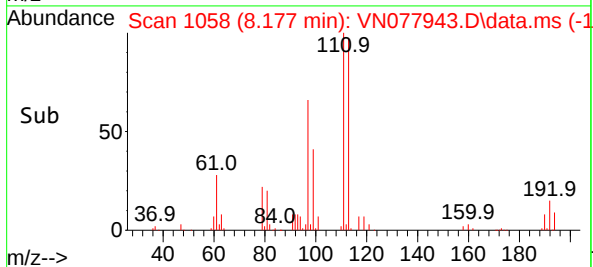
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

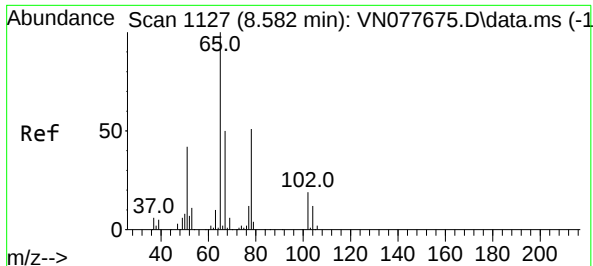


#32
1,1,1-Trichloroethane
Concen: 20.901 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40



Tgt Ion: 97 Resp: 151466
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 44.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.779 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD02

Tgt Ion: 65 Resp: 26534

Ion Ratio Lower Upper

65 100

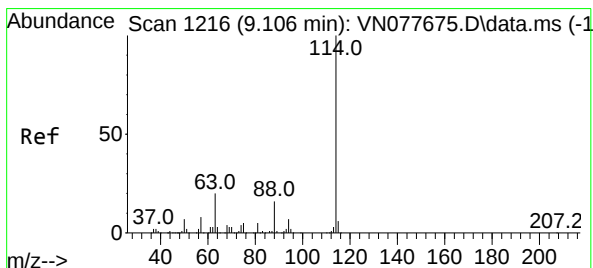
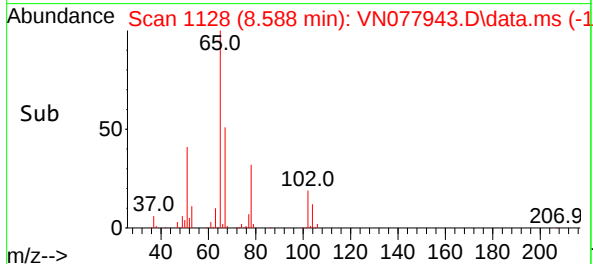
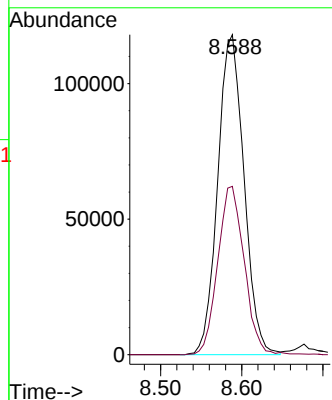
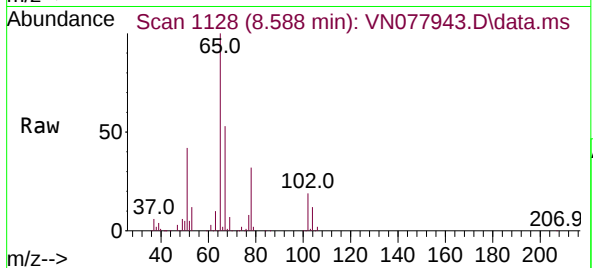
67 53.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

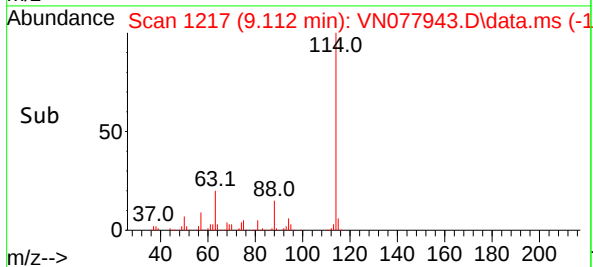
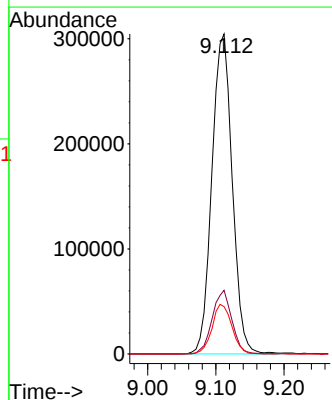
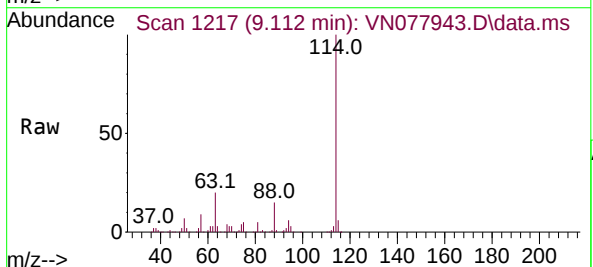
Tgt Ion:114 Resp: 633500

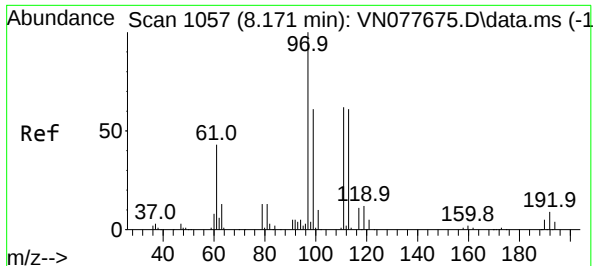
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.892 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD02

Tgt Ion:113 Resp: 22262

Ion Ratio Lower Upper

113 100

111 104.5 82.6 123.8

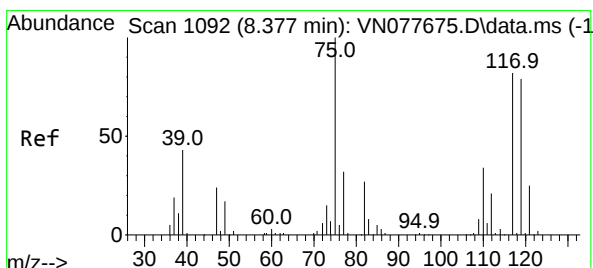
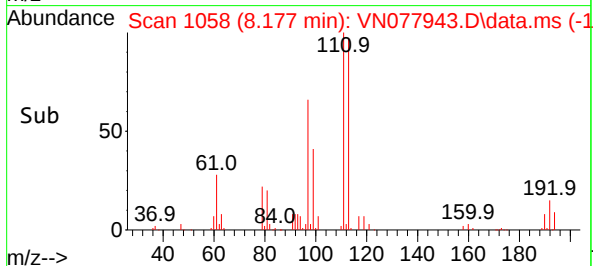
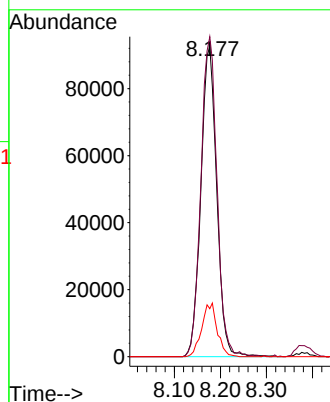
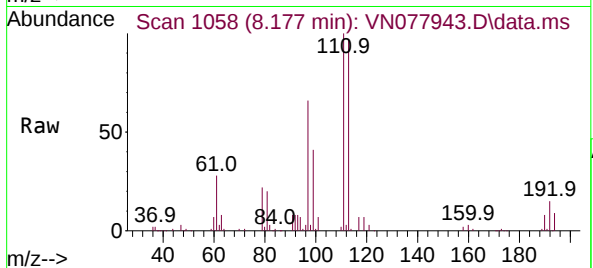
192 16.8 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#36

1,1-Dichloropropene

Concen: 20.833 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

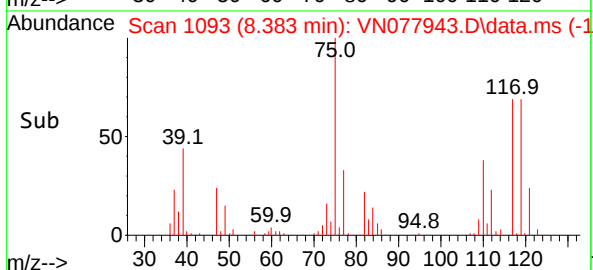
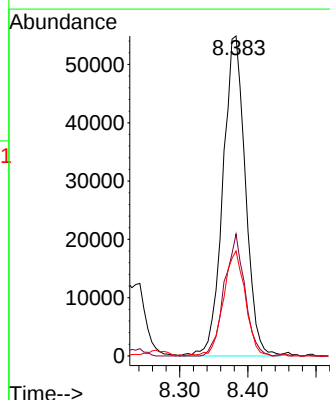
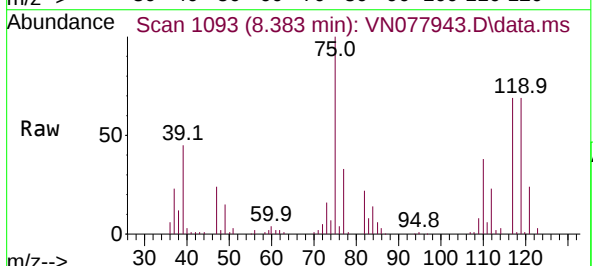
Tgt Ion: 75 Resp: 125876

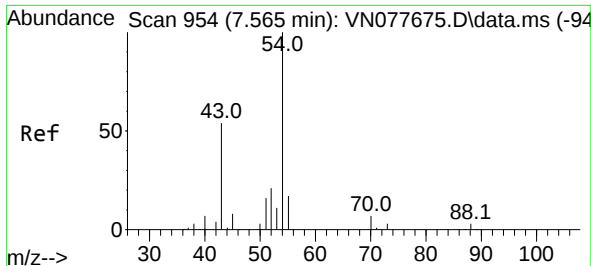
Ion Ratio Lower Upper

75 100

110 34.8 19.1 57.3

77 32.0 25.0 37.4





#37

Ethyl Acetate

Concen: 18.758 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD02

Tgt Ion: 43 Resp: 101019

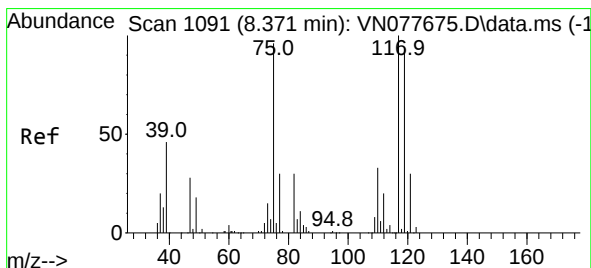
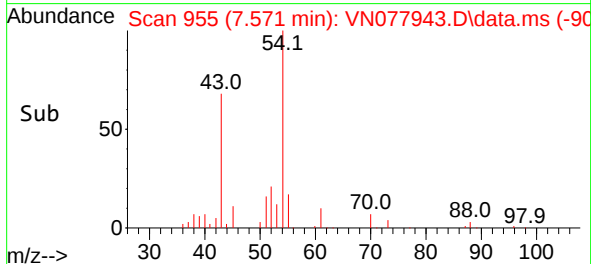
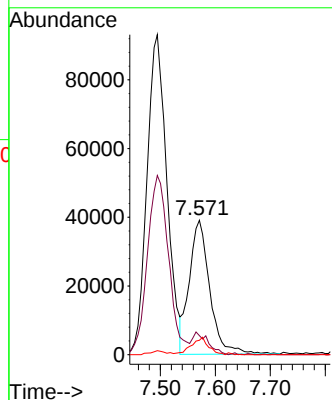
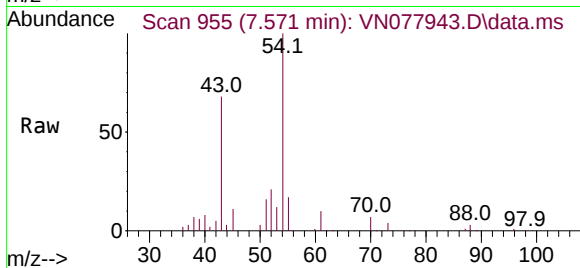
Ion	Ratio	Lower	Upper
43	100		
61	12.6	13.2	19.8
70	10.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#38

Carbon Tetrachloride

Concen: 21.393 ug/l

RT: 8.365 min Scan# 1090

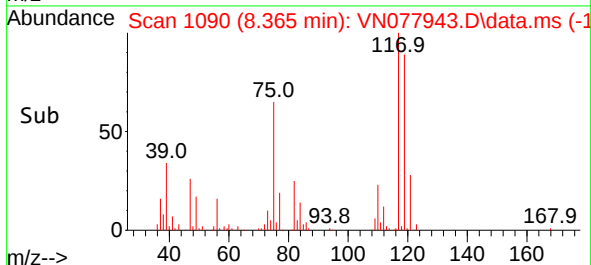
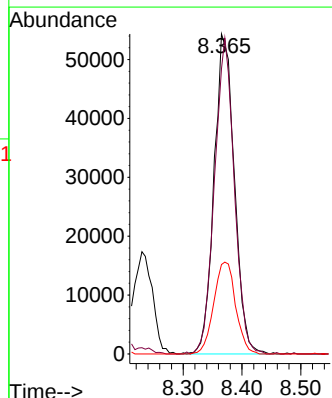
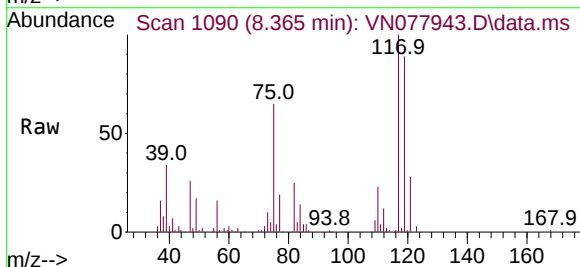
Delta R.T. -0.006 min

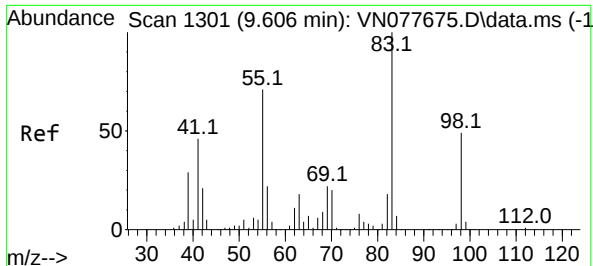
Lab File: VN077943.D

Acq: 26 May 2023 23:40

Tgt Ion:117 Resp: 130524

Ion	Ratio	Lower	Upper
117	100		
119	89.1	77.3	115.9
121	27.9	23.3	34.9





#39

Methylcyclohexane

Concen: 18.274 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD02

Tgt Ion: 83 Resp: 135174

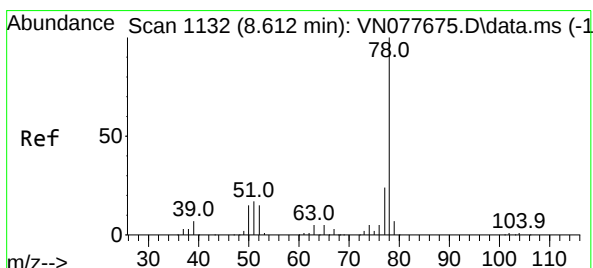
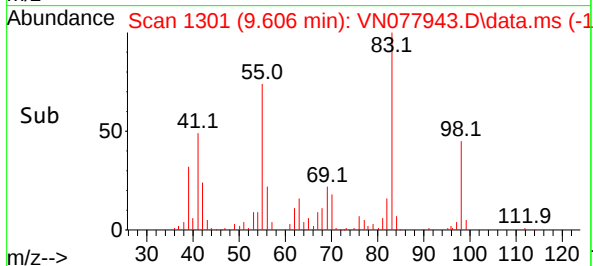
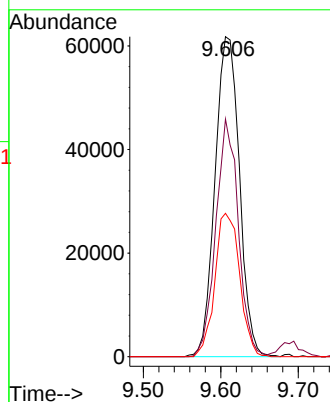
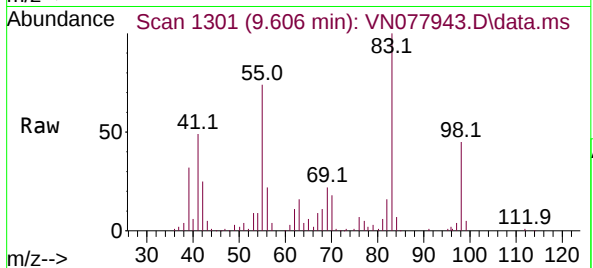
Ion	Ratio	Lower	Upper
83	100		
55	74.2	49.1	73.7
98	44.8	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#40

Benzene

Concen: 20.754 ug/l

RT: 8.612 min Scan# 1132

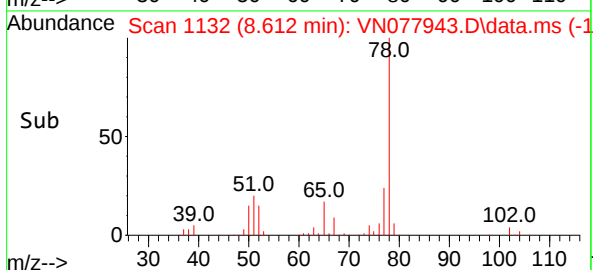
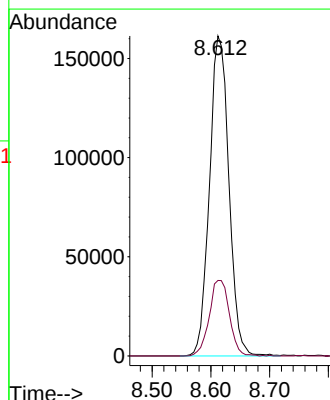
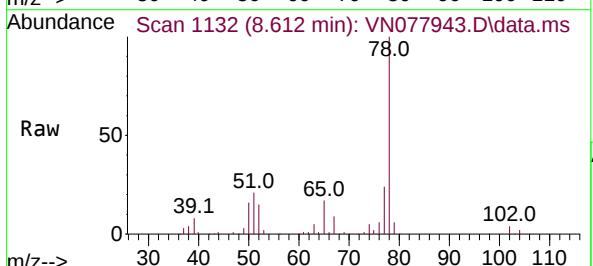
Delta R.T. -0.000 min

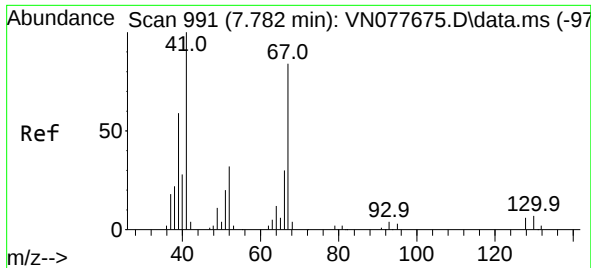
Lab File: VN077943.D

Acq: 26 May 2023 23:40

Tgt Ion: 78 Resp: 370053

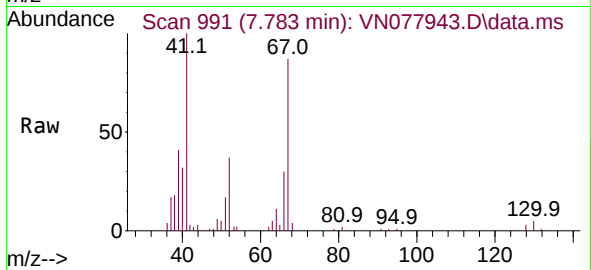
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





#41
Methacrylonitrile
Concen: 19.281 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

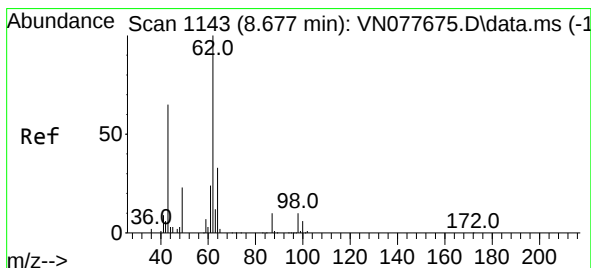
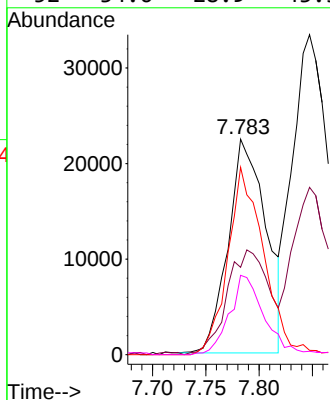
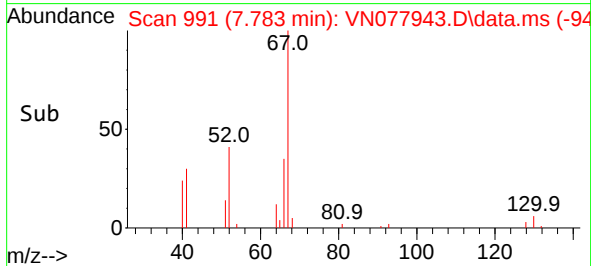
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



Tgt Ion:	41	Resp:	5529
Ion Ratio	100	Lower	Upper
39	54.3	42.6	64.0
67	83.5	77.5	116.3
52	34.6	28.9	43.3

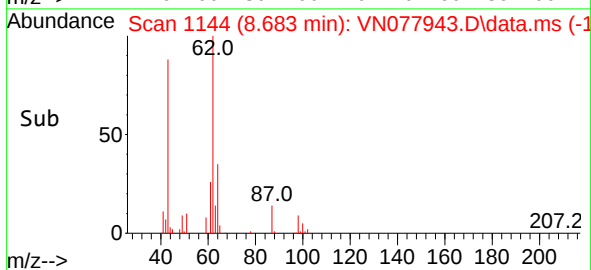
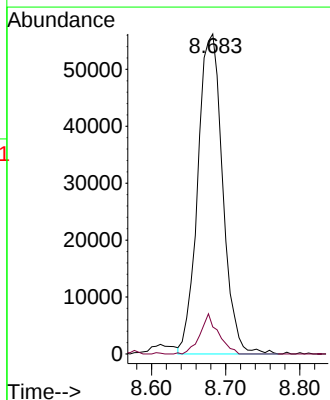
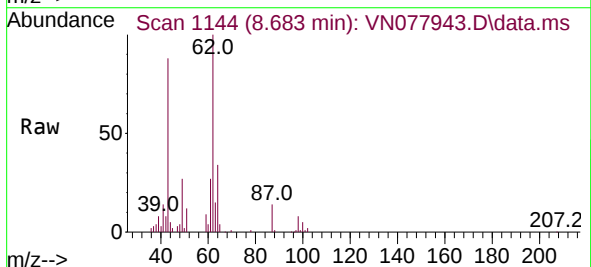
Manual Integrations
APPROVED

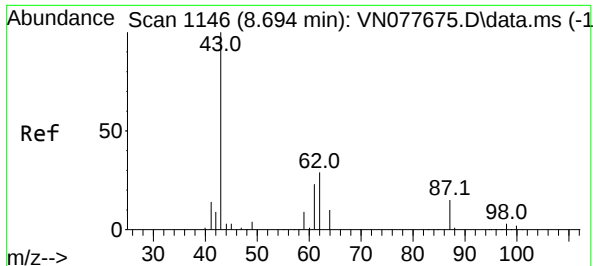
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#42
1,2-Dichloroethane
Concen: 20.216 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

Tgt Ion:	62	Resp:	130941
Ion Ratio	100	Lower	Upper
98	9.3	0.0	19.8





#43

Isopropyl Acetate

Concen: 19.505 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD02

Tgt Ion: 43 Resp: 17157

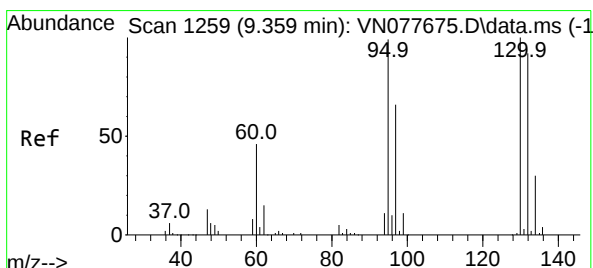
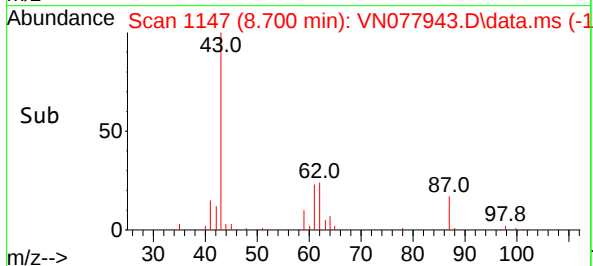
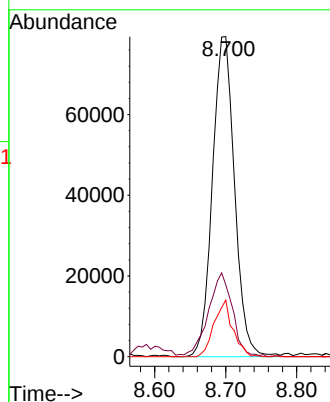
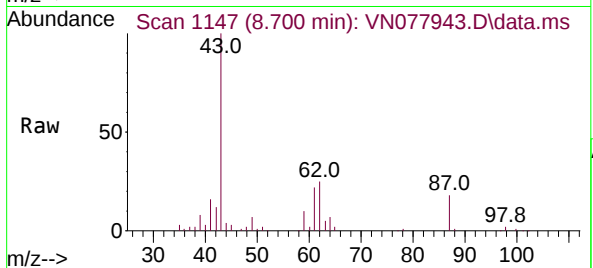
Ion	Ratio	Lower	Upper
43	100		
61	28.5	24.7	37.1
87	15.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#44

Trichloroethene

Concen: 21.831 ug/l

RT: 9.359 min Scan# 1259

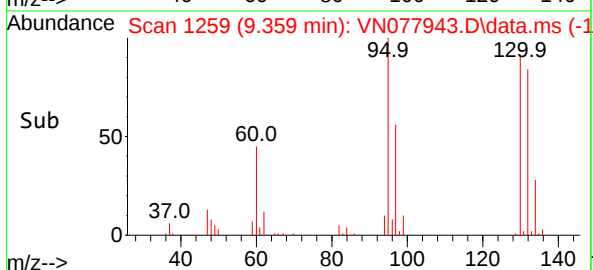
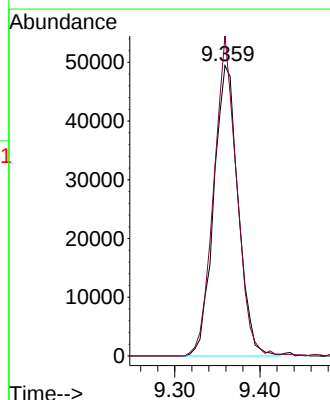
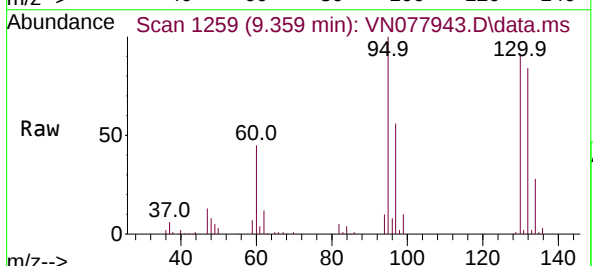
Delta R.T. -0.000 min

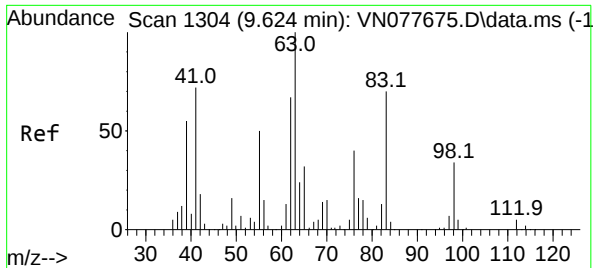
Lab File: VN077943.D

Acq: 26 May 2023 23:40

Tgt Ion:130 Resp: 98562

Ion	Ratio	Lower	Upper
130	100		
95	110.2	0.0	204.6





#45

1,2-Dichloropropane

Concen: 21.029 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD02

Tgt Ion: 63 Resp: 95640

Ion Ratio Lower Upper

63 100

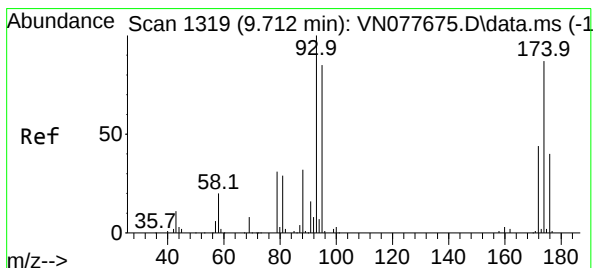
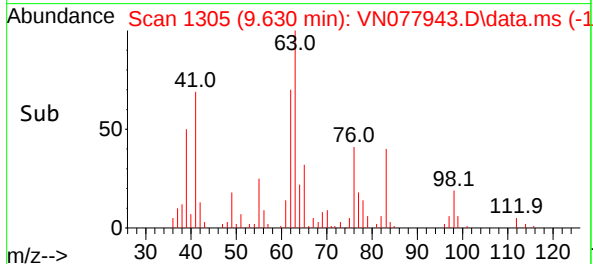
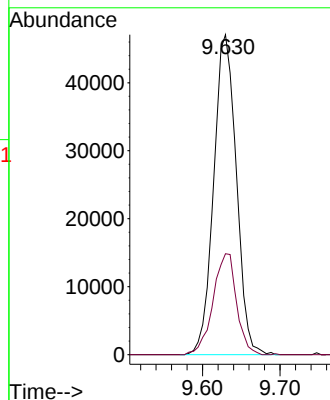
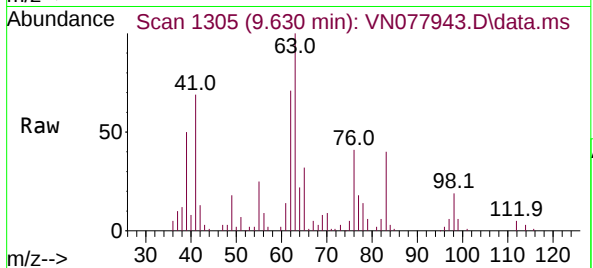
65 31.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#46

Dibromomethane

Concen: 20.888 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

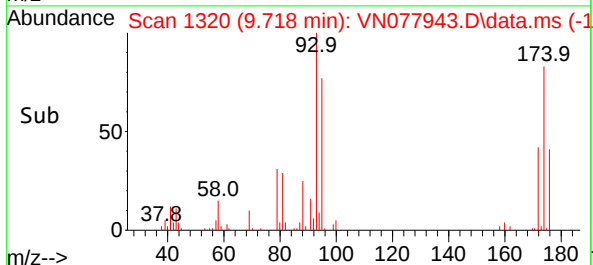
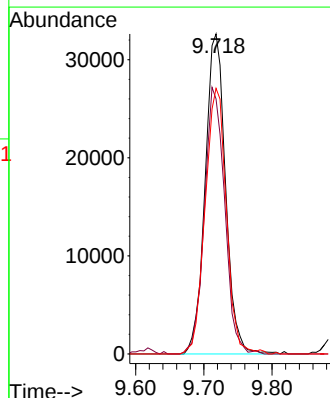
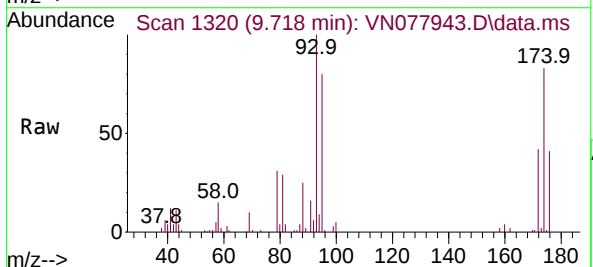
Tgt Ion: 93 Resp: 67977

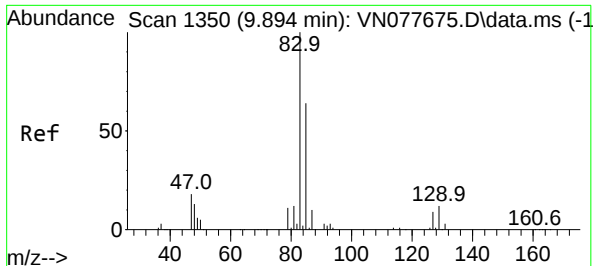
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

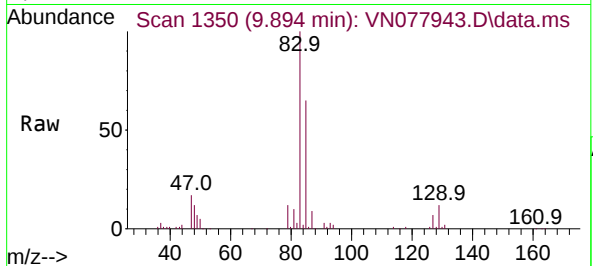
174 86.3 65.6 98.4





#47
Bromodichloromethane
Concen: 21.178 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

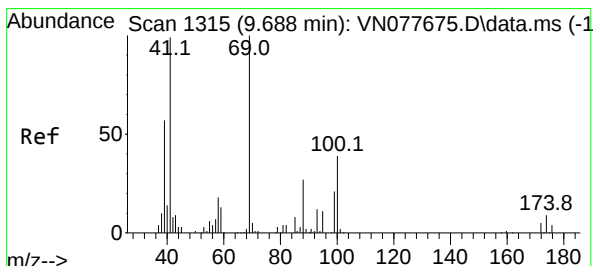
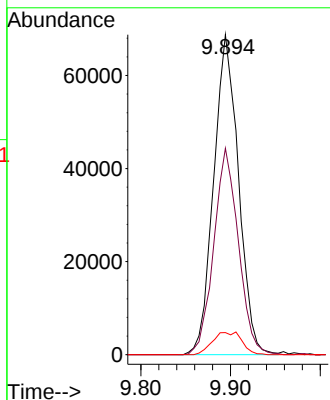
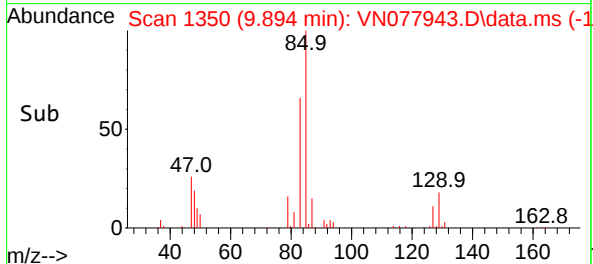
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



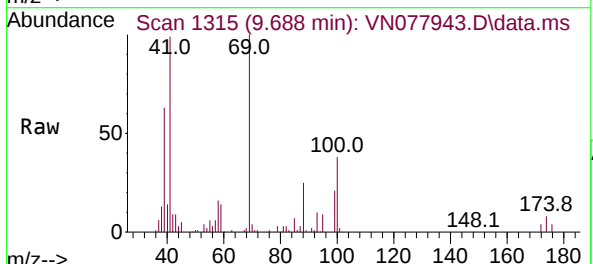
Tgt Ion: 83 Resp: 131954
Ion Ratio Lower Upper
83 100
85 64.5 49.6 74.4
127 6.9 7.0 10.6

Manual Integrations
APPROVED

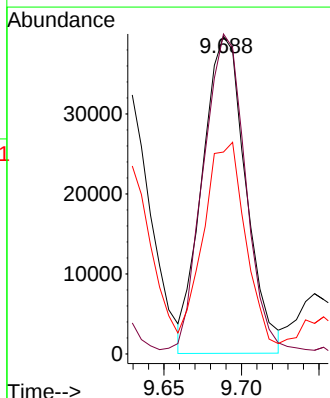
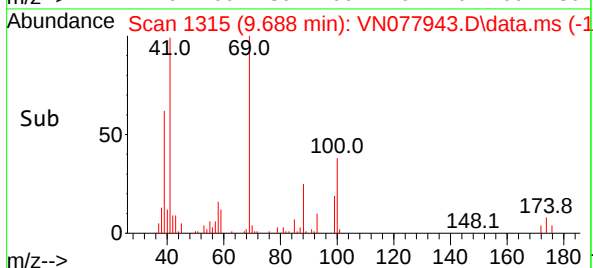
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

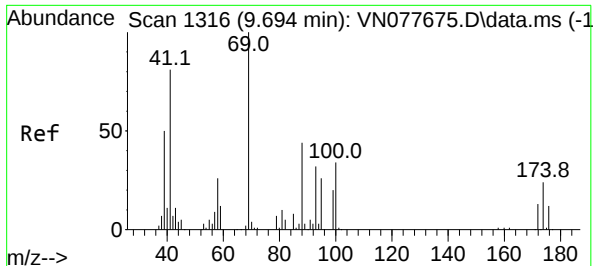


#48
Methyl methacrylate
Concen: 18.501 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40



Tgt Ion: 41 Resp: 77162
Ion Ratio Lower Upper
41 100
69 99.2 90.4 135.6
39 65.9 54.6 81.8





#49

1,4-Dioxane

Concen: 413.357 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD02

Tgt Ion: 88 Resp: 3256

Ion Ratio Lower Upper

88 100

43 27.0 17.0 25.6

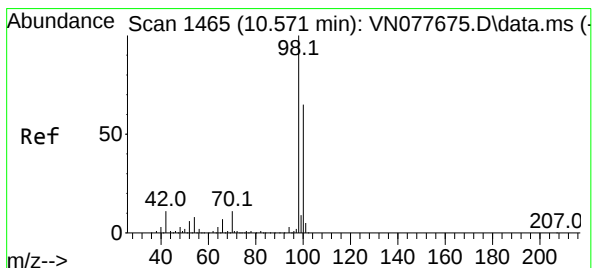
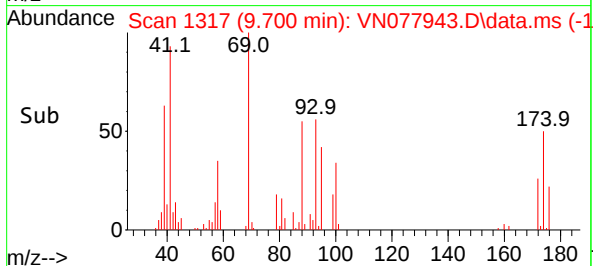
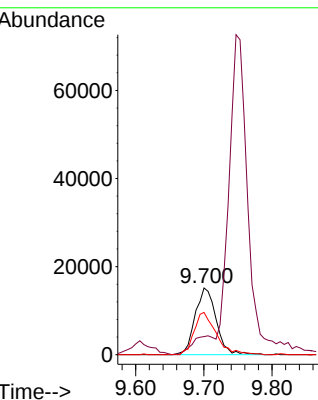
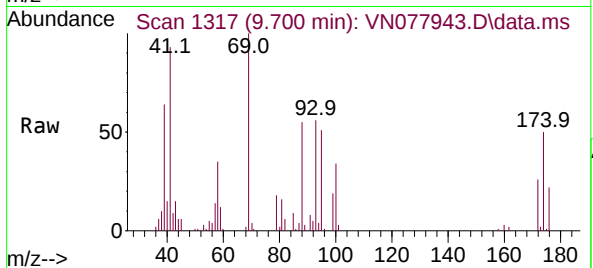
58 66.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#50

Toluene-d8

Concen: 52.228 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN077943.D

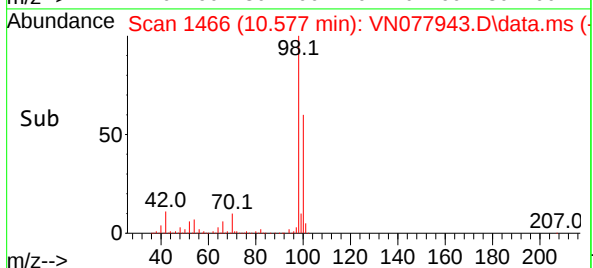
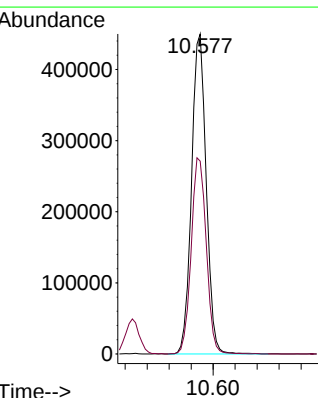
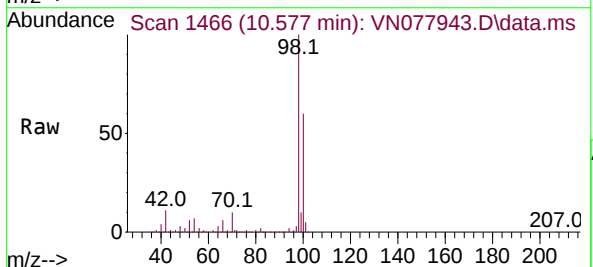
Acq: 26 May 2023 23:40

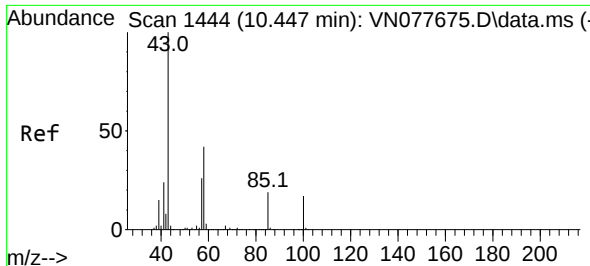
Tgt Ion: 98 Resp: 830445

Ion Ratio Lower Upper

98 100

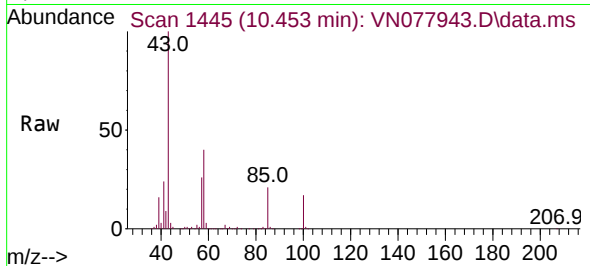
100 63.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 98.504 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

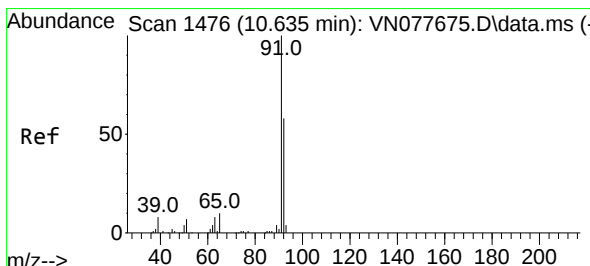
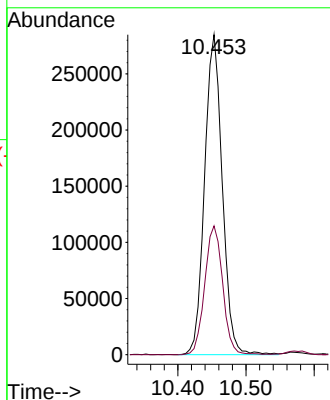
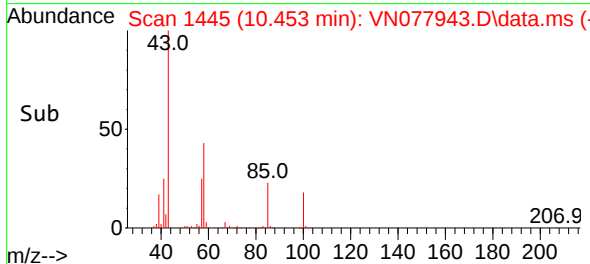
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



Tgt Ion: 43 Resp: 51505
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8

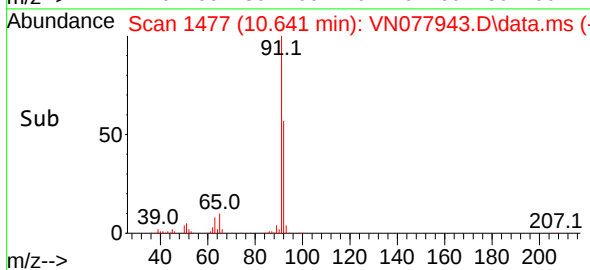
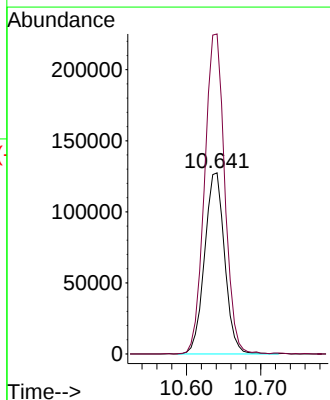
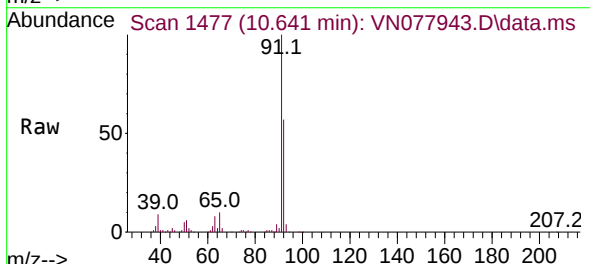
Manual Integrations
APPROVED

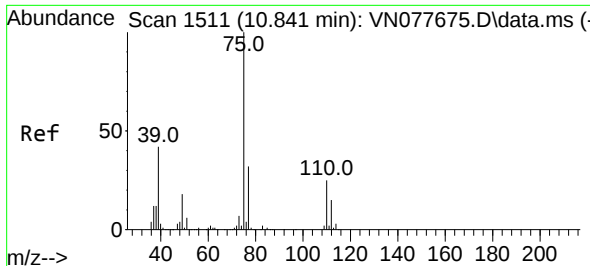
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#52
Toluene
Concen: 21.587 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

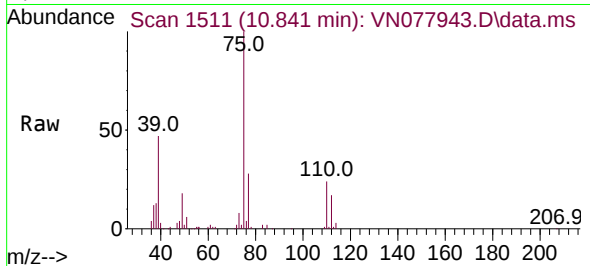
Tgt Ion: 92 Resp: 239623
Ion Ratio Lower Upper
92 100
91 177.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.199 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

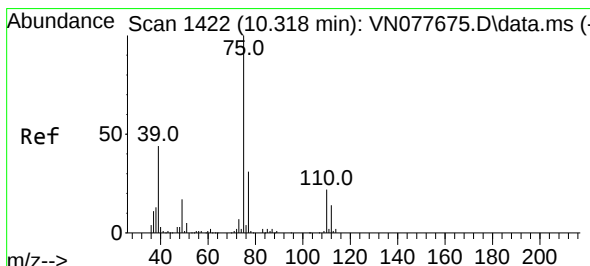
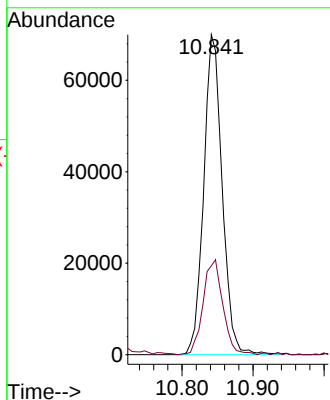
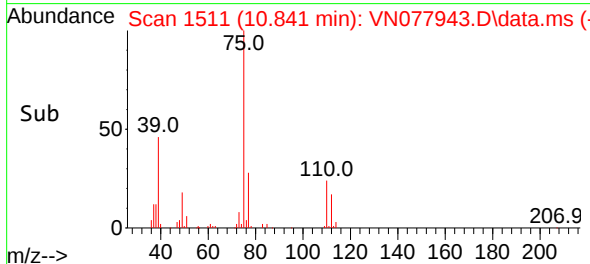
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



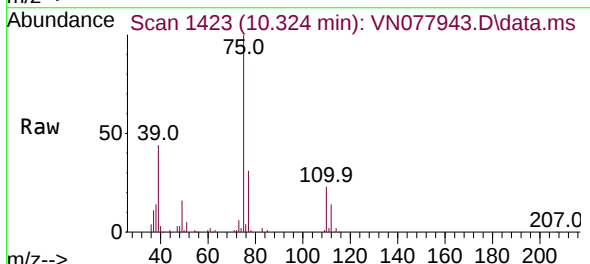
Tgt Ion: 75 Resp: 12667
Ion Ratio Lower Upper
75 100
77 27.8 25.4 38.0

Manual Integrations
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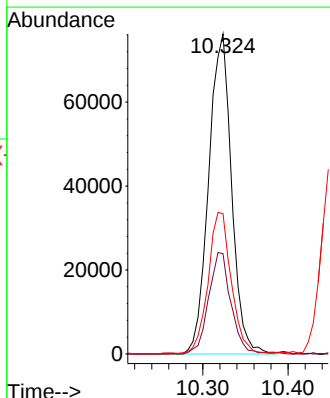
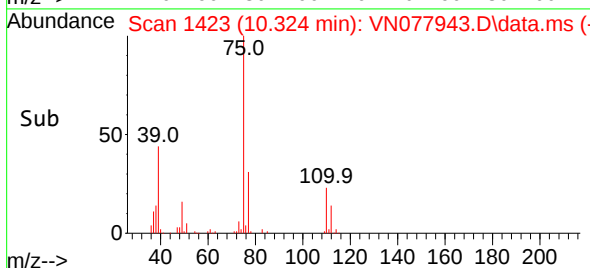
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

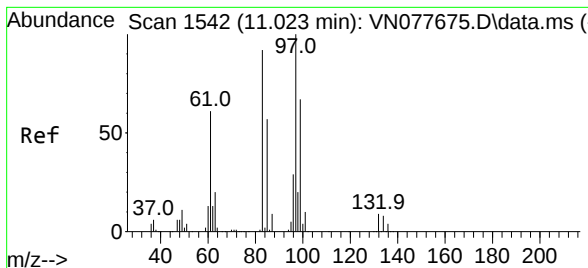


#54
cis-1,3-Dichloropropene
Concen: 19.580 ug/l
RT: 10.324 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40



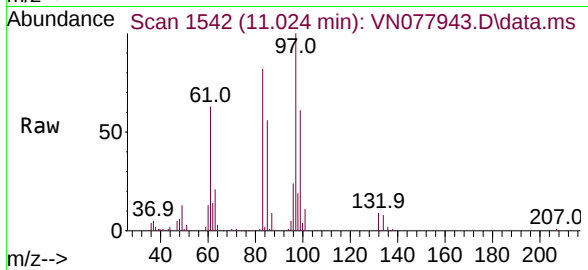
Tgt Ion: 75 Resp: 142366
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 43.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.073 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

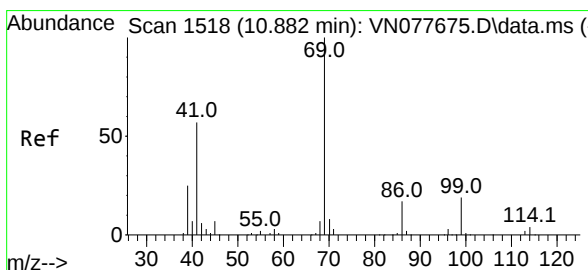
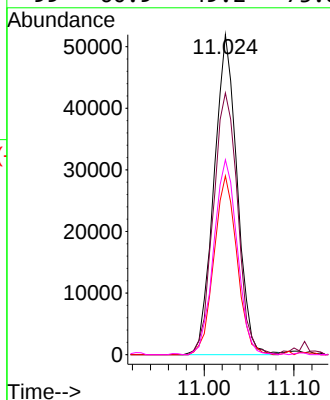
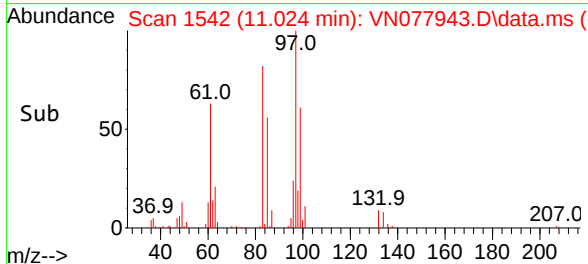
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



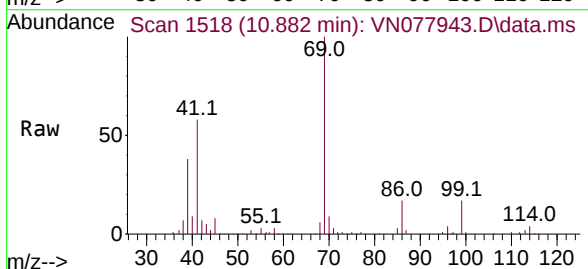
Tgt Ion: 97 Resp: 92878
Ion Ratio Lower Upper
97 100
83 81.8 65.1 97.7
85 55.8 43.4 65.2
99 60.9 49.2 73.8

Manual Integrations
APPROVED

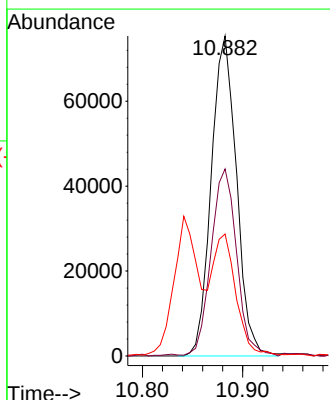
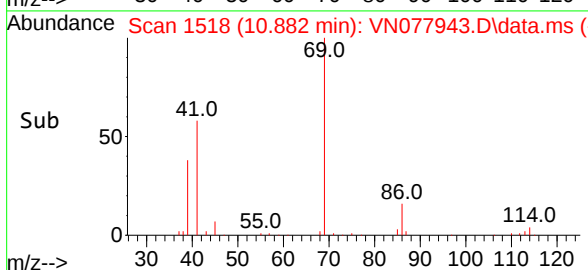
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

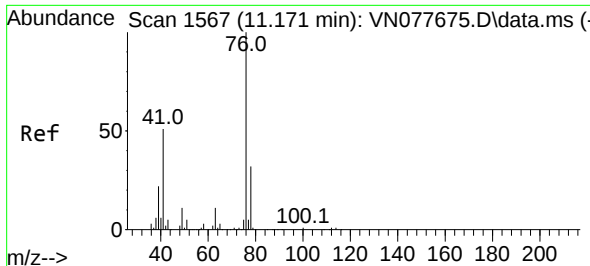


#56
Ethyl methacrylate
Concen: 19.760 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40



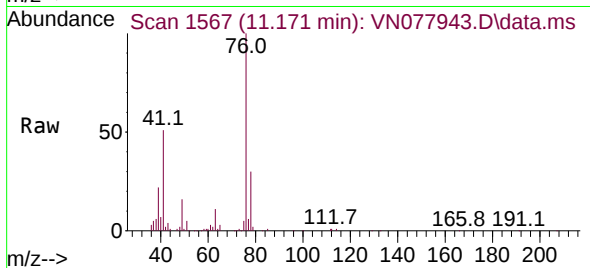
Tgt Ion: 69 Resp: 131684
Ion Ratio Lower Upper
69 100
41 59.3 39.6 59.4
39 33.6 28.6 43.0





#57
1,3-Dichloropropane
Concen: 21.220 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

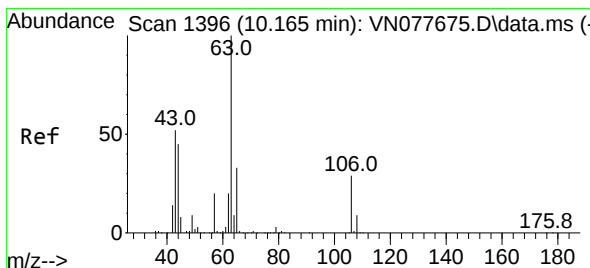
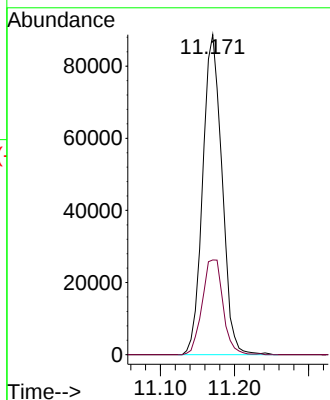
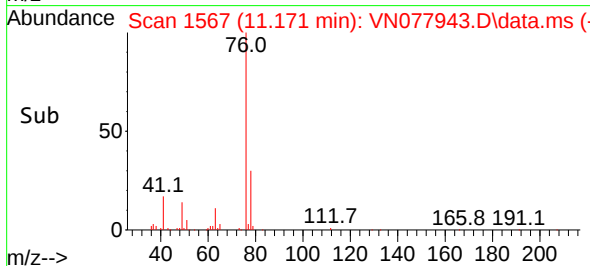
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



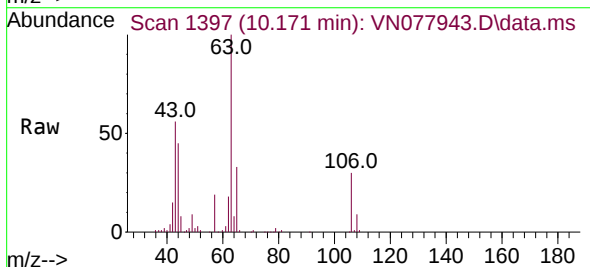
Tgt Ion: 76 Resp: 160335
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1

Manual Integrations
APPROVED

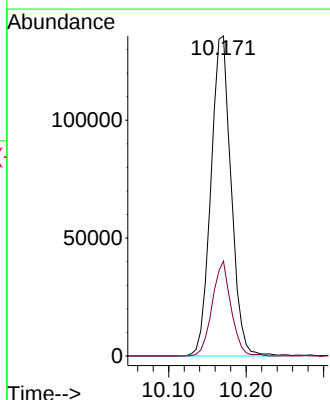
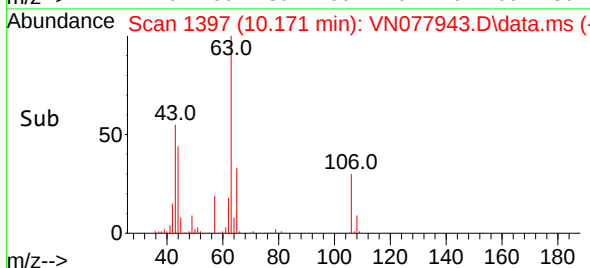
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

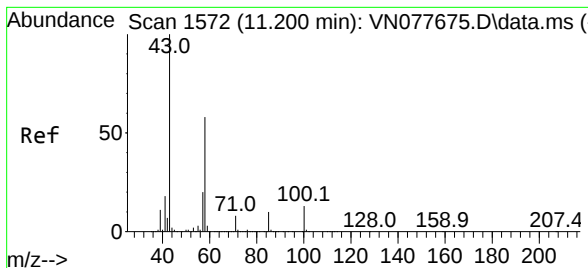


#58
2-Chloroethyl Vinyl ether
Concen: 74.902 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40



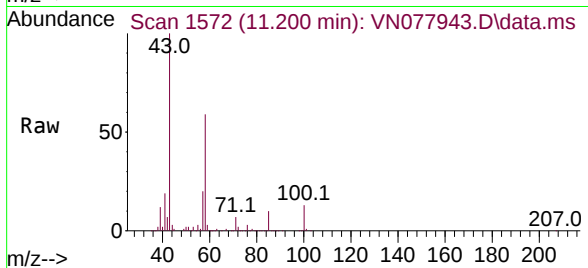
Tgt Ion: 63 Resp: 245563
Ion Ratio Lower Upper
63 100
106 27.6 26.2 39.4





#59
2-Hexanone
Concen: 91.941 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

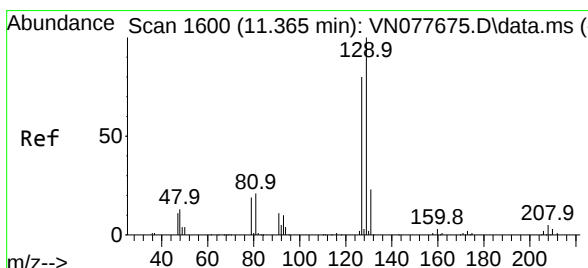
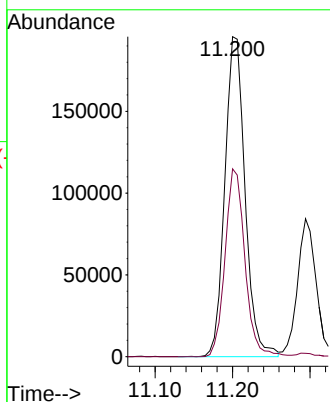
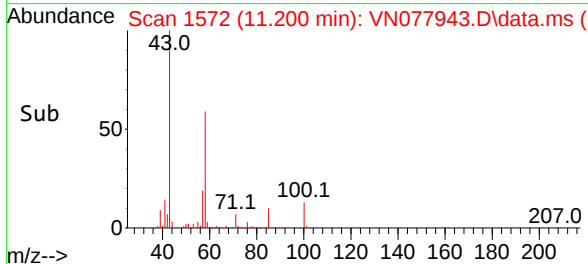
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



Tgt Ion: 43 Resp: 355584
Ion Ratio Lower Upper
43 100
58 57.7 31.7 95.1

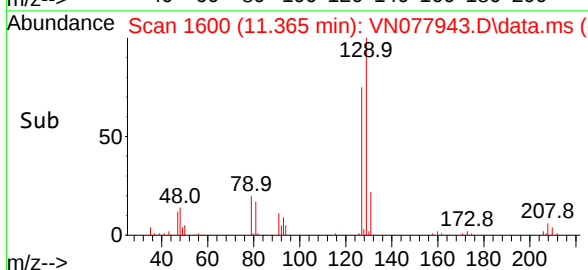
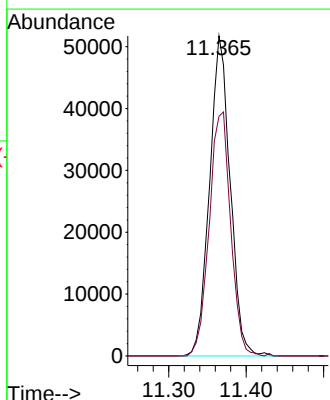
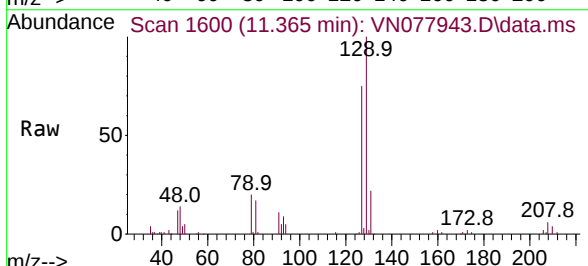
Manual Integrations
APPROVED

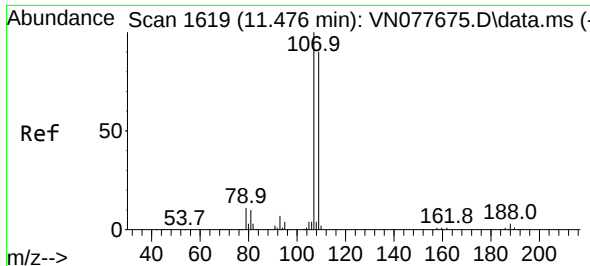
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#60
Dibromochloromethane
Concen: 21.015 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

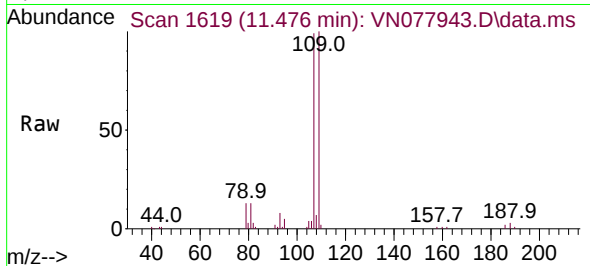
Tgt Ion:129 Resp: 95617
Ion Ratio Lower Upper
129 100
127 79.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.087 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

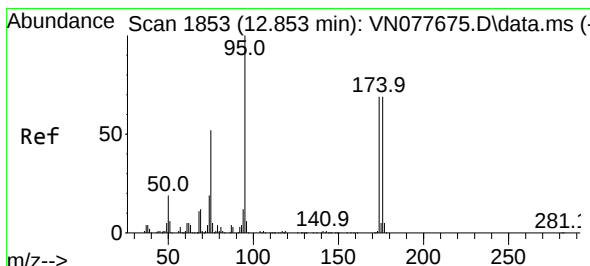
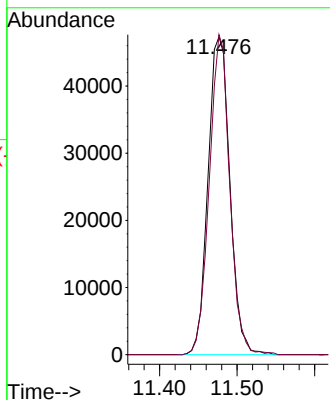
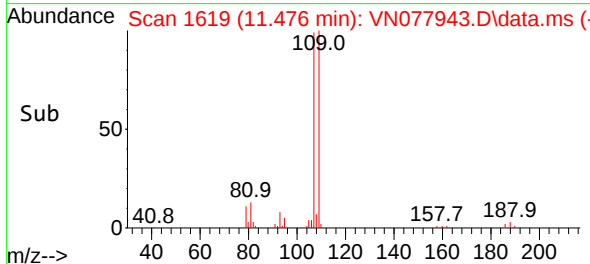
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



Tgt Ion:107 Resp: 92720
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8

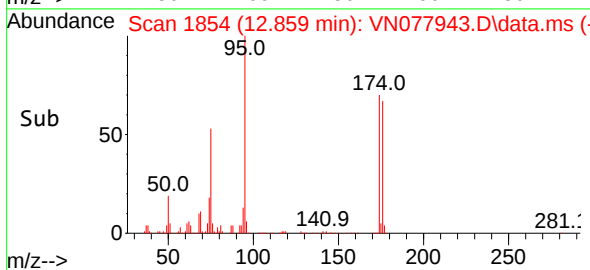
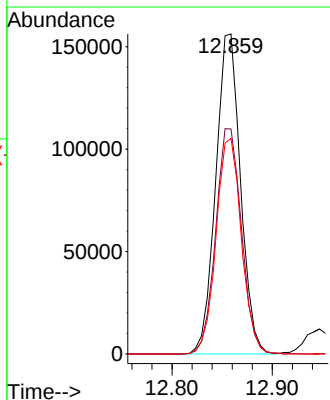
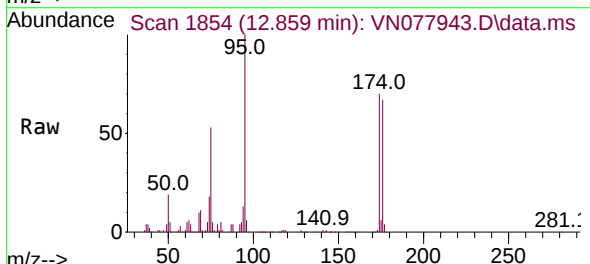
Manual Integrations
APPROVED

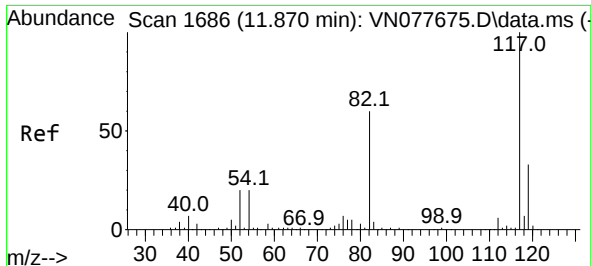
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#62
4-Bromofluorobenzene
Concen: 47.645 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

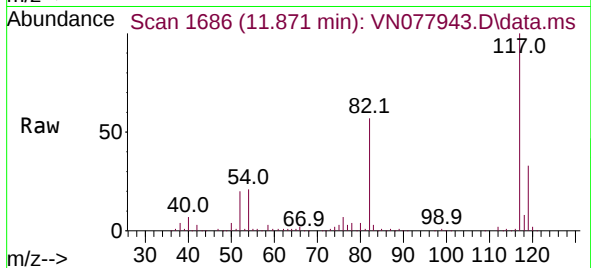
Tgt Ion: 95 Resp: 267562
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 68.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

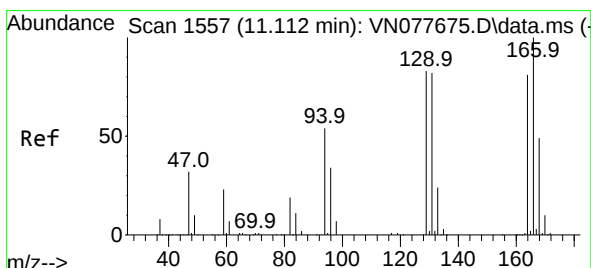
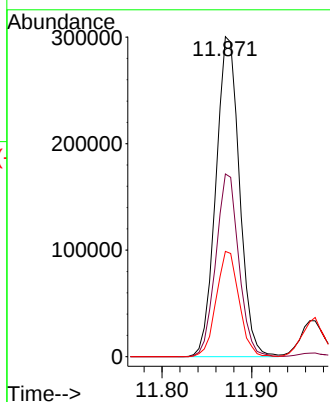
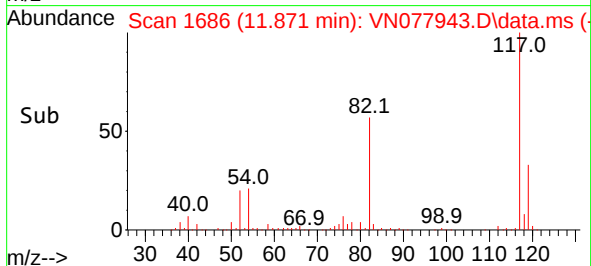
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



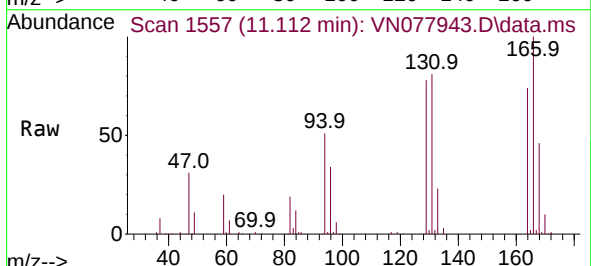
Tgt Ion:117 Resp: 54880
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 32.9 25.6 38.4

Manual Integrations
APPROVED

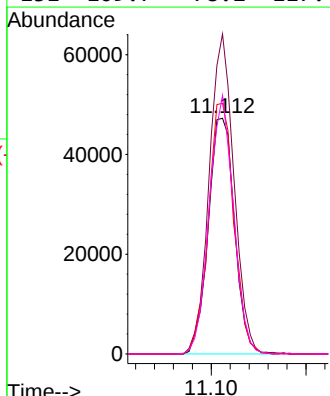
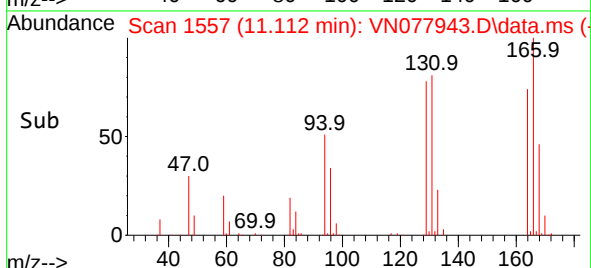
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

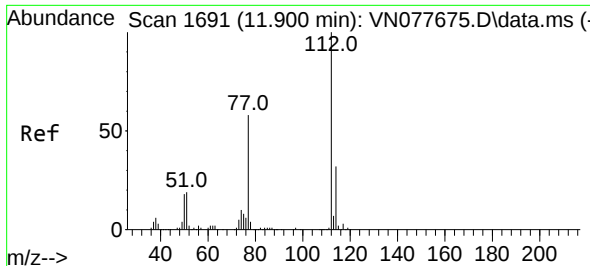


#64
Tetrachloroethene
Concen: 23.632 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40



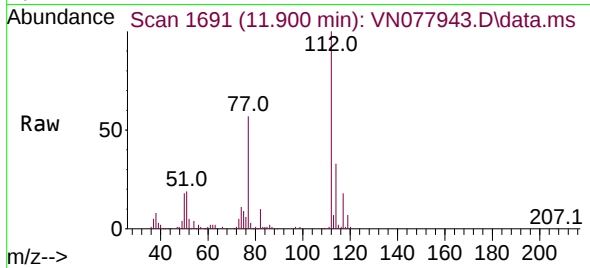
Tgt Ion:164 Resp: 90699
Ion Ratio Lower Upper
164 100
166 135.7 101.4 152.0
129 106.3 82.4 123.6
131 109.7 78.2 117.4





#65
Chlorobenzene
Concen: 21.078 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

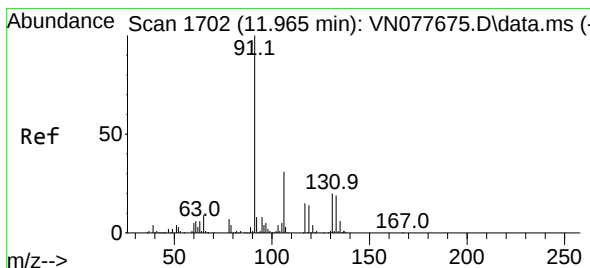
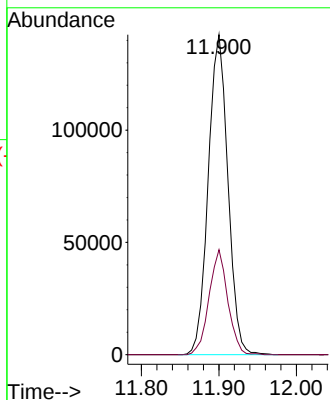
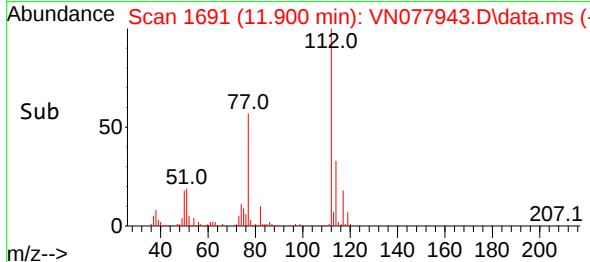
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



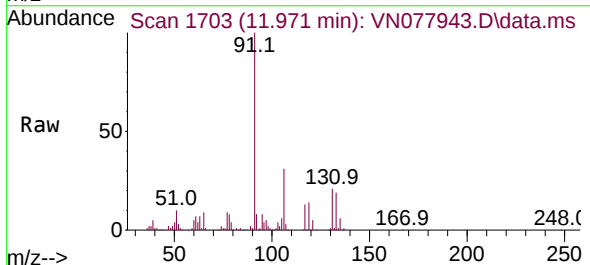
Tgt Ion:112 Resp: 250769
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4

Manual Integrations
APPROVED

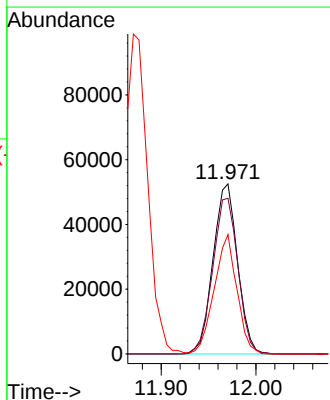
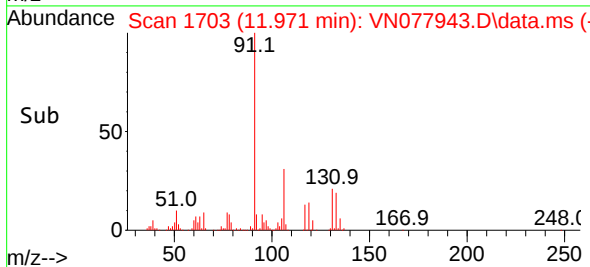
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

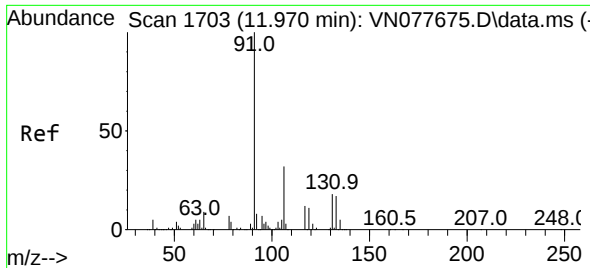


#66
1,1,1,2-Tetrachloroethane
Concen: 22.908 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40



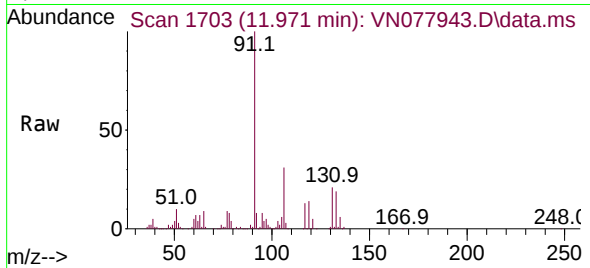
Tgt Ion:131 Resp: 94303
Ion Ratio Lower Upper
131 100
133 94.3 46.4 139.1
119 65.1 34.1 102.2





#67
Ethyl Benzene
Concen: 20.784 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

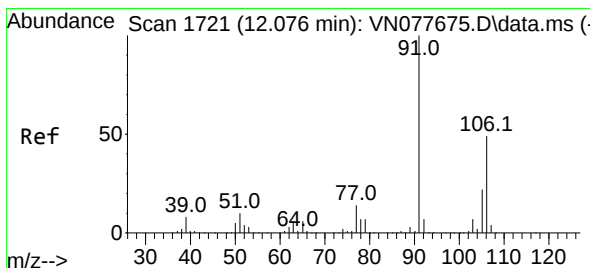
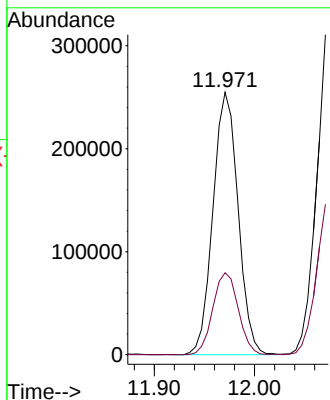
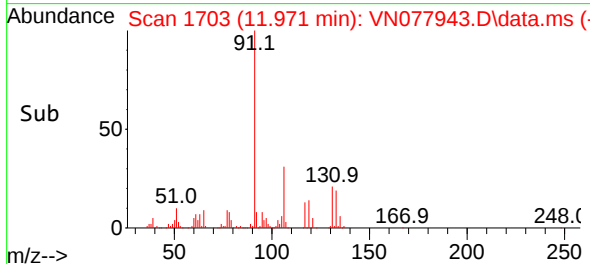
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



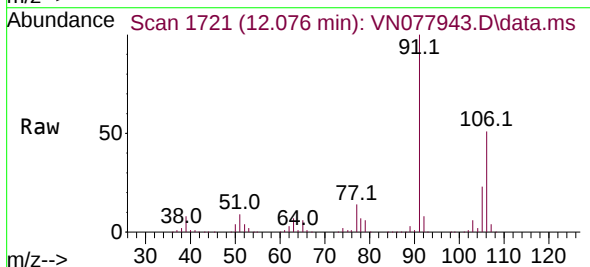
Tgt Ion: 91 Resp: 443140
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

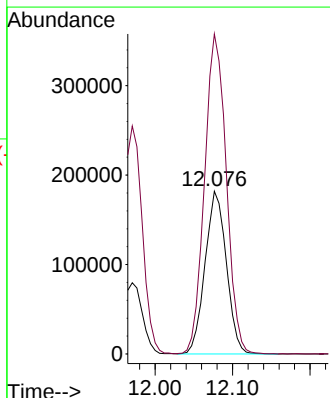
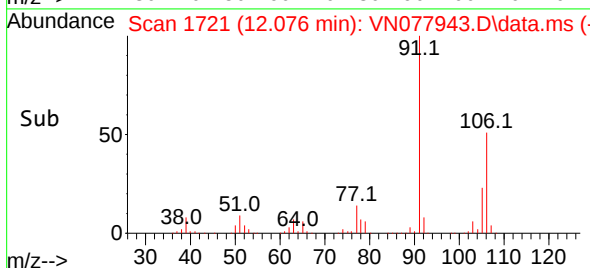
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

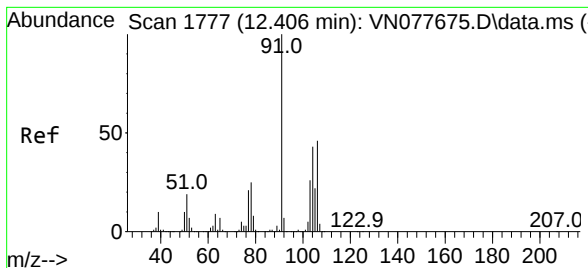


#68
m/p-Xylenes
Concen: 43.060 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40



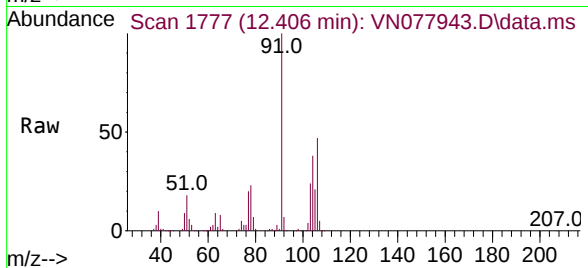
Tgt Ion:106 Resp: 347867
Ion Ratio Lower Upper
106 100
91 200.7 159.6 239.4





#69
o-Xylene
Concen: 21.043 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

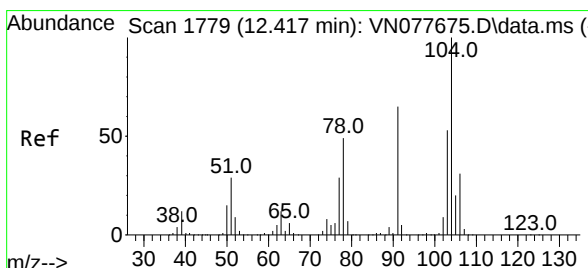
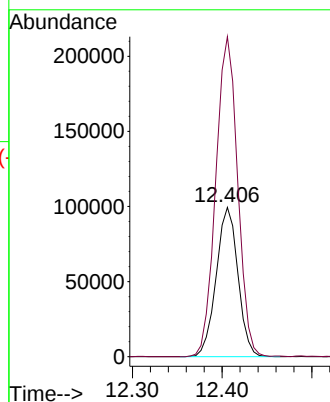
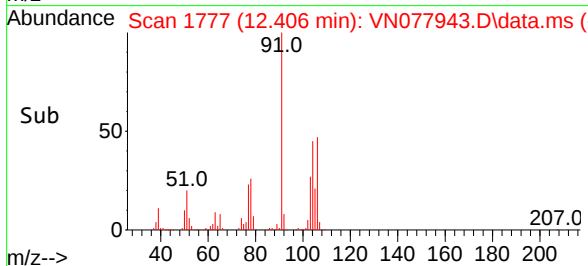
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



Tgt Ion:106 Resp: 16718
Ion Ratio Lower Upper
106 100
91 215.9 105.2 315.5

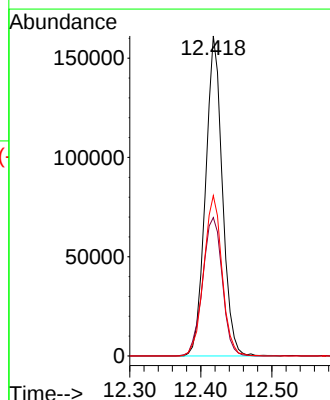
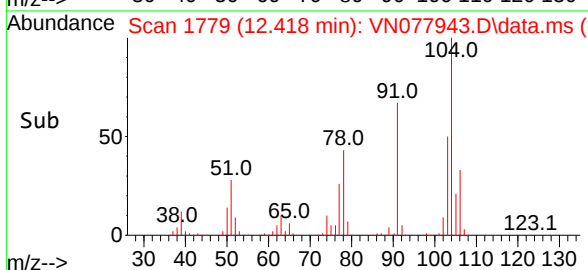
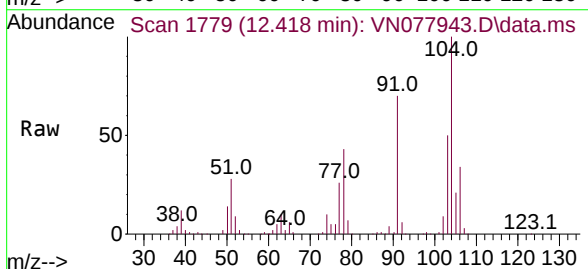
Manual Integrations
APPROVED

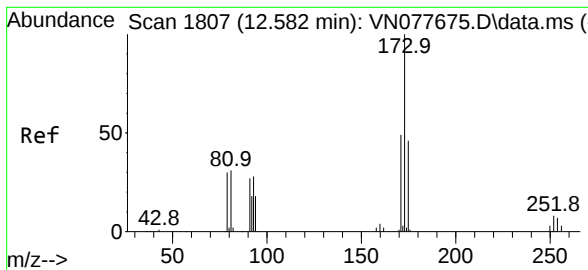
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#70
Styrene
Concen: 21.110 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

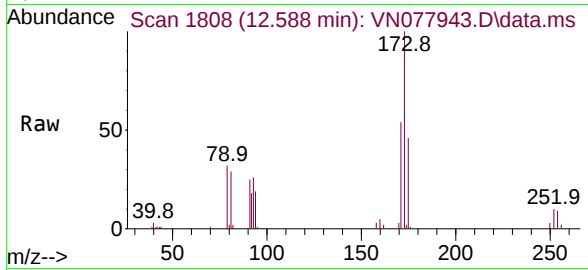
Tgt Ion:104 Resp: 266425
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 54.2 43.2 64.8





#71
Bromoform
Concen: 20.826 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

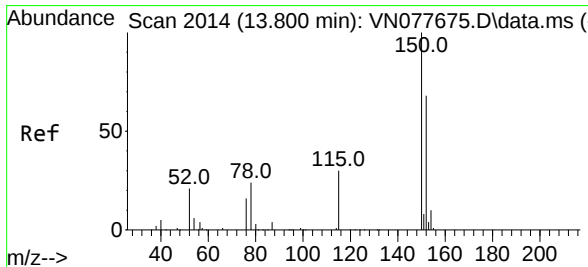
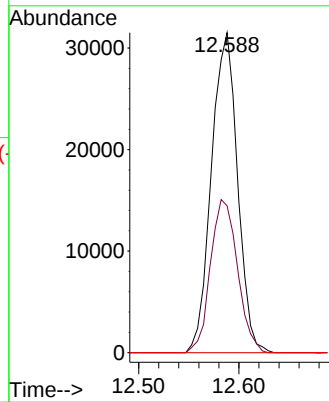
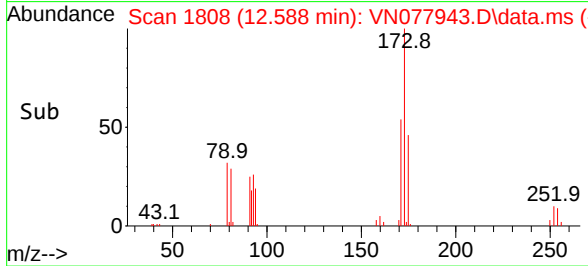
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



Tgt Ion:173 Resp: 57032
Ion Ratio Lower Upper
173 100
175 49.6 24.3 73.0
254 0.0 0.0 0.0

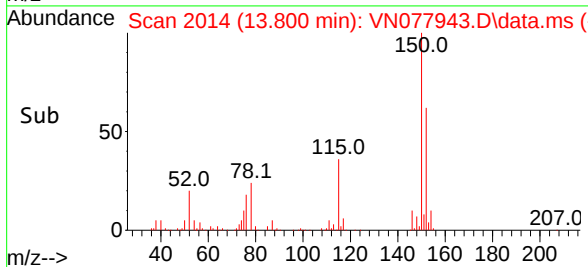
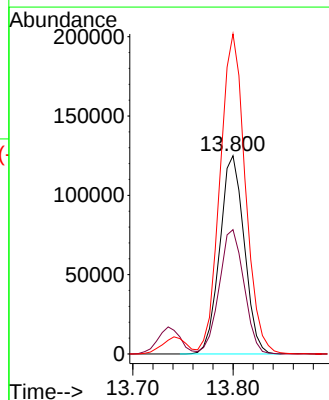
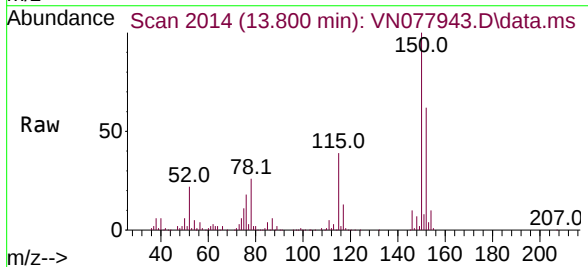
Manual Integrations
APPROVED

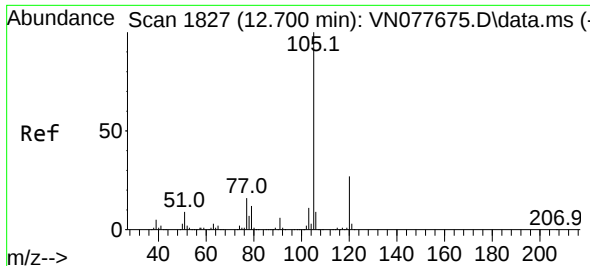
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

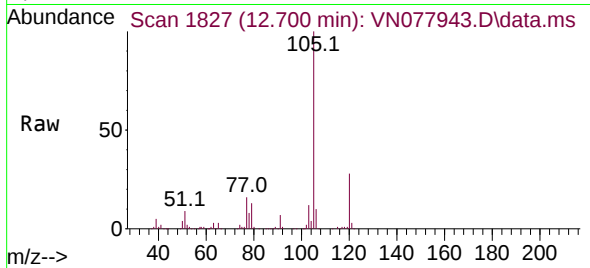
Tgt Ion:152 Resp: 211079
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 167.0 0.0 355.8





#73
Isopropylbenzene
Concen: 23.642 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

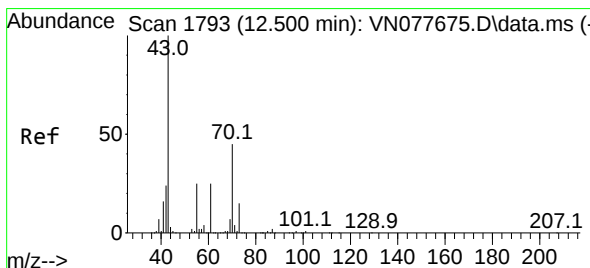
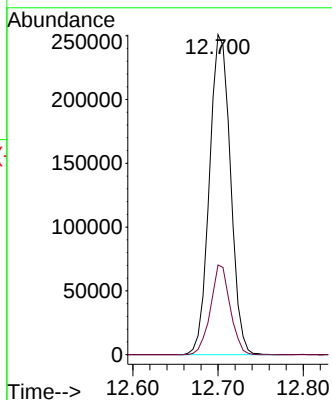
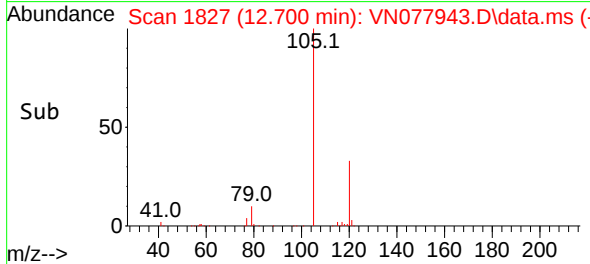
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



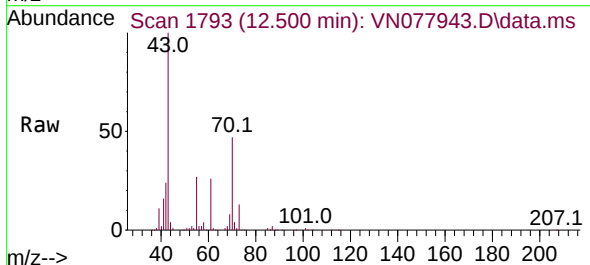
Tgt Ion:105 Resp: 430159
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

Manual Integrations
APPROVED

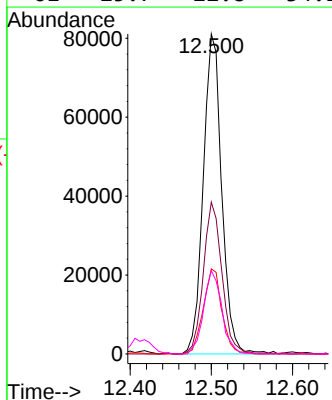
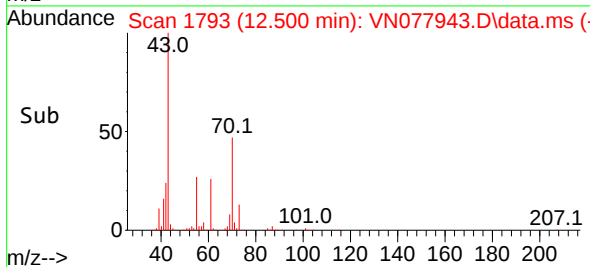
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

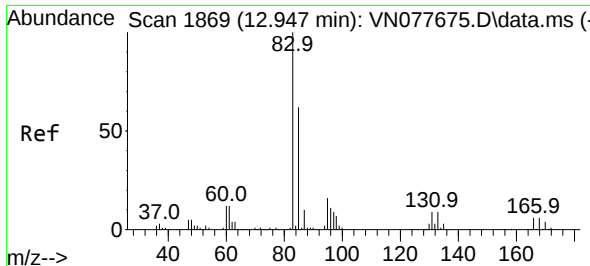


#74
N-ethyl acetate
Concen: 19.050 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40



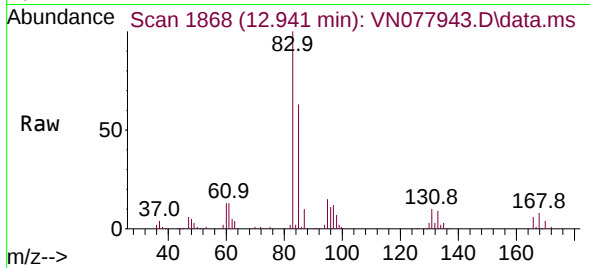
Tgt Ion: 43 Resp: 128119
Ion Ratio Lower Upper
43 100
70 47.9 43.4 65.2
55 26.8 21.4 32.0
61 25.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.564 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

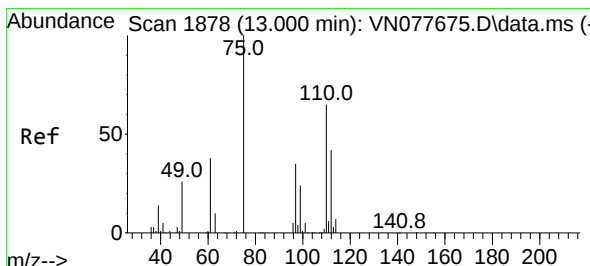
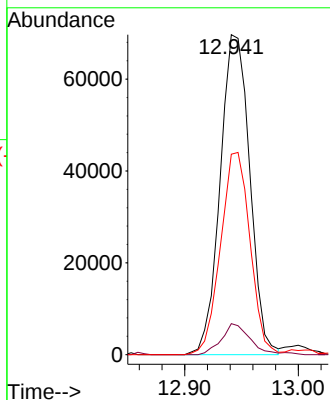
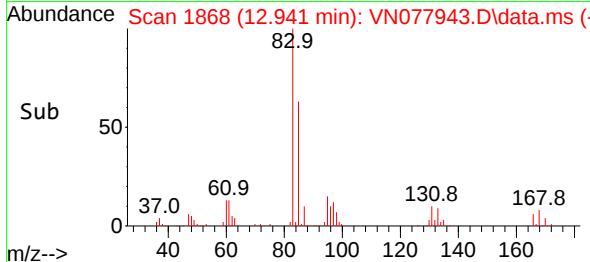
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



Tgt Ion: 83 Resp: 126299
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 63.0 31.9 95.7

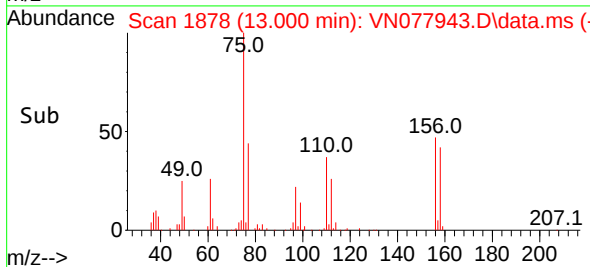
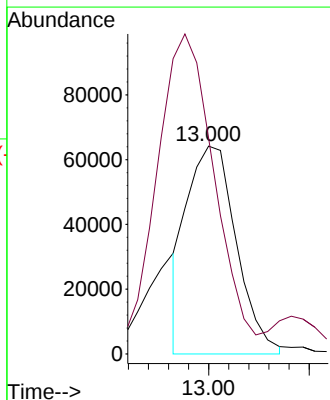
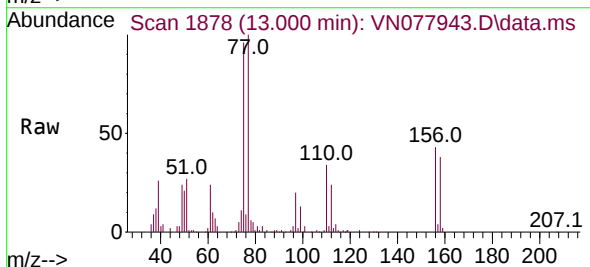
Manual Integrations
APPROVED

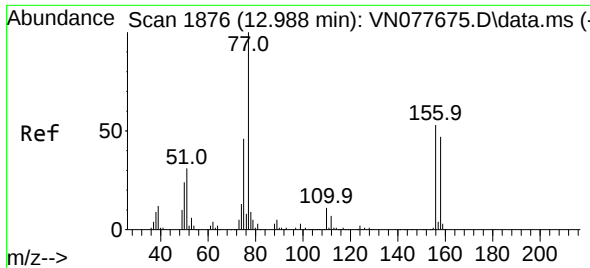
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#76
1,2,3-Trichloropropane
Concen: 20.740 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

Tgt Ion: 75 Resp: 109637
Ion Ratio Lower Upper
75 100
77 181.1 84.5 253.5





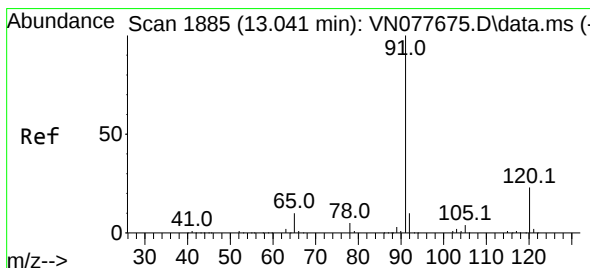
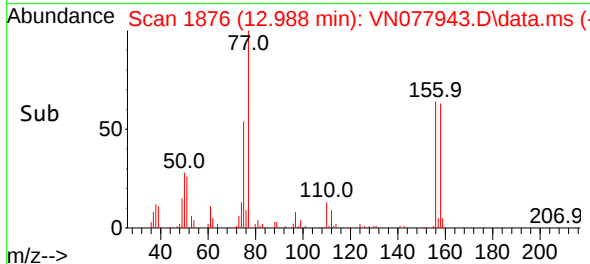
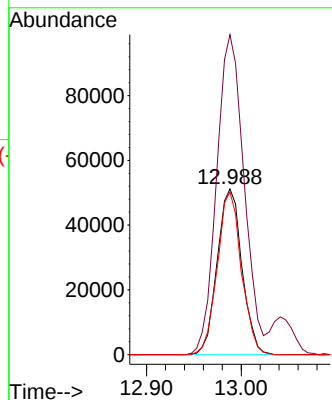
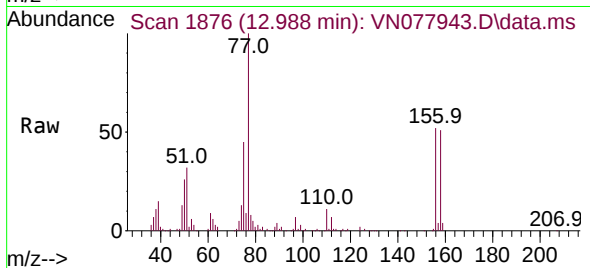
#77
Bromobenzene
Concen: 22.371 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02

Tgt Ion:156 Resp: 9289
Ion Ratio Lower Upper
156 100
77 213.8 107.7 323.3
158 95.7 48.4 145.3

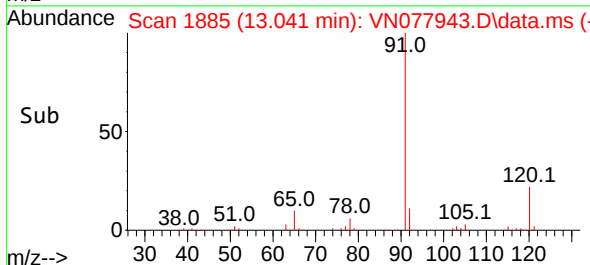
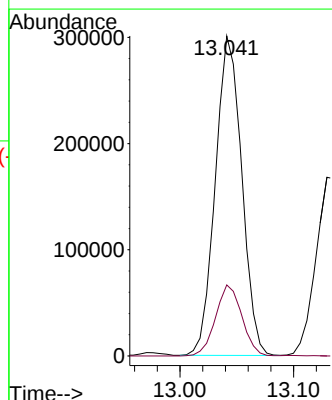
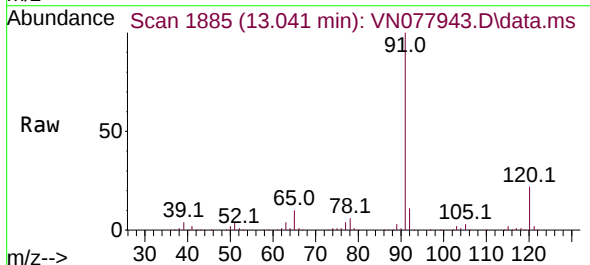
Manual Integrations
APPROVED

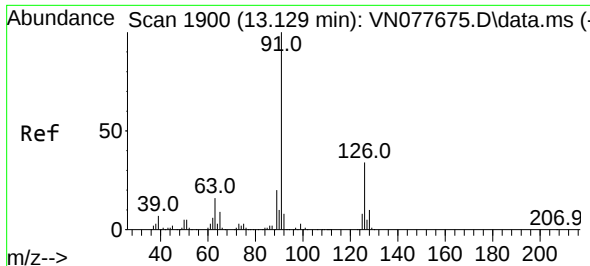
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#78
n-propylbenzene
Concen: 22.663 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

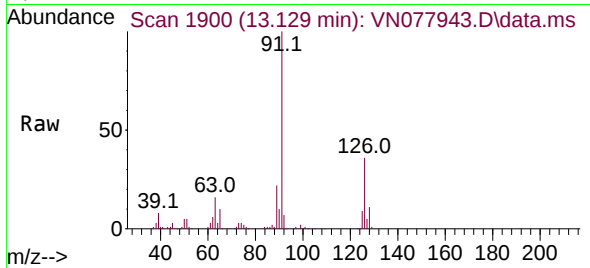
Tgt Ion: 91 Resp: 486131
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





#79
2-Chlorotoluene
Concen: 23.083 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

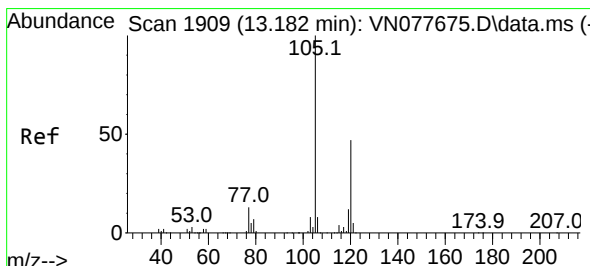
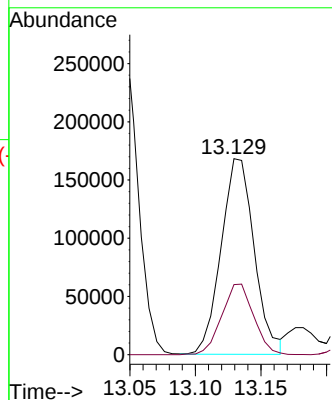
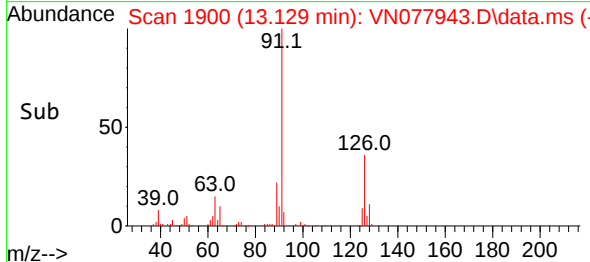
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



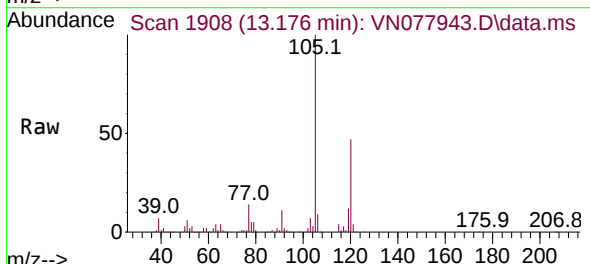
Tgt Ion: 91 Resp: 295469
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8

Manual Integrations
APPROVED

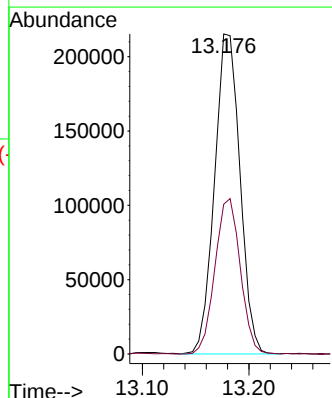
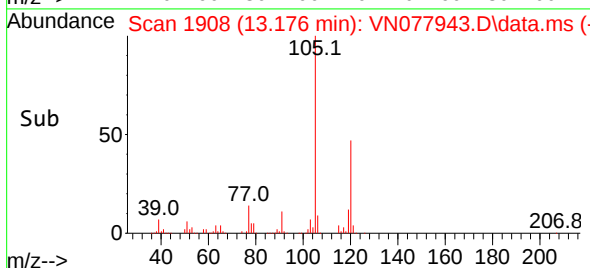
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

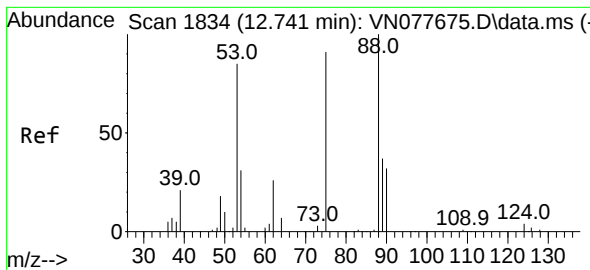


#80
1,3,5-Trimethylbenzene
Concen: 23.365 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40



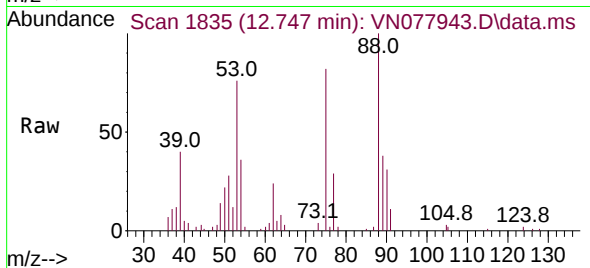
Tgt Ion:105 Resp: 357303
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.560 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

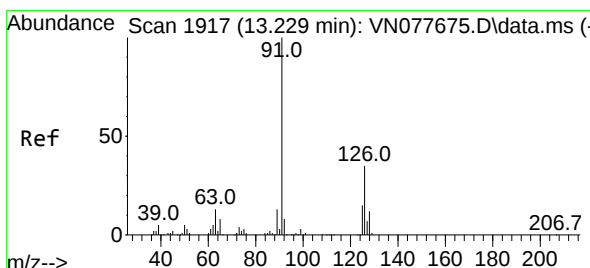
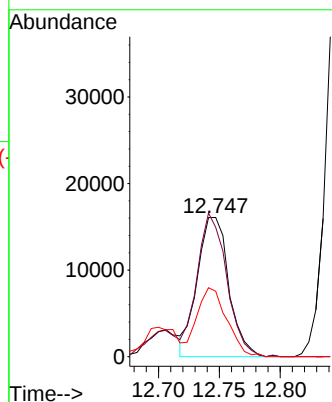
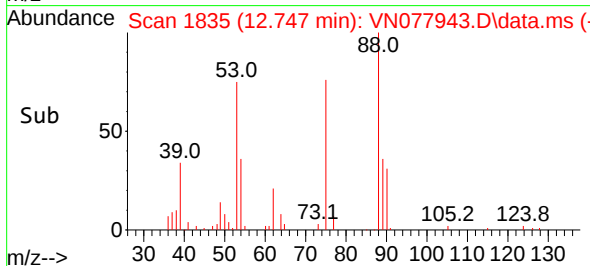
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



Tgt Ion: 75 Resp: 29040
Ion Ratio Lower Upper
75 100
53 97.4 67.4 101.2
89 47.7 38.8 58.2

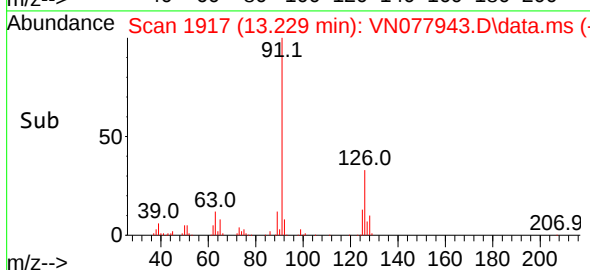
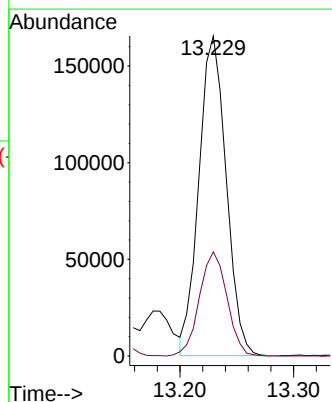
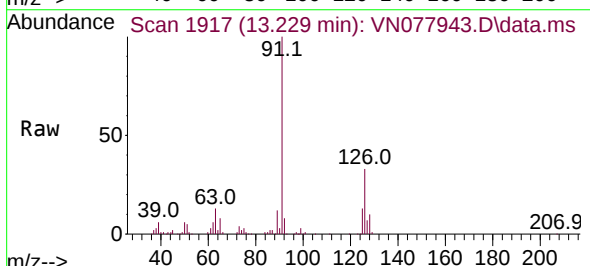
Manual Integrations
APPROVED

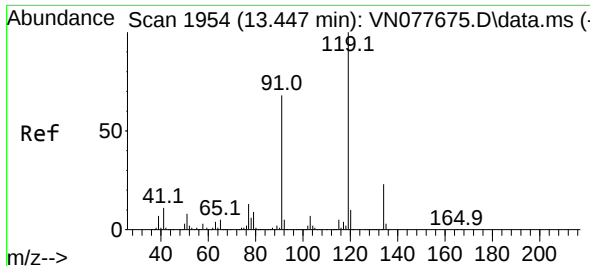
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#82
4-Chlorotoluene
Concen: 21.663 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

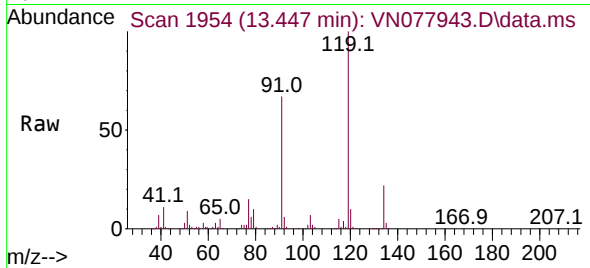
Tgt Ion: 91 Resp: 275892
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 22.763 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

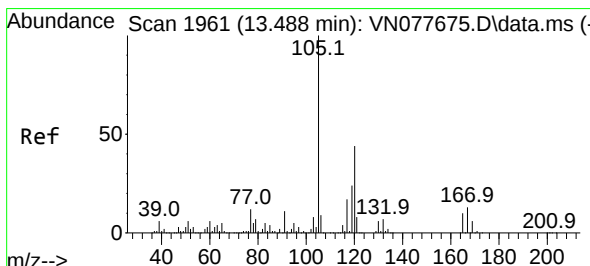
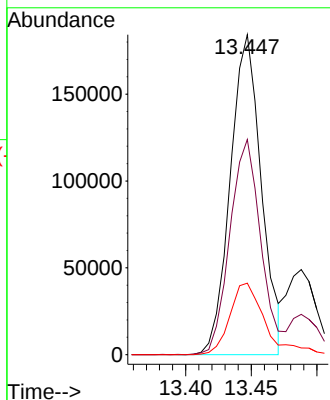
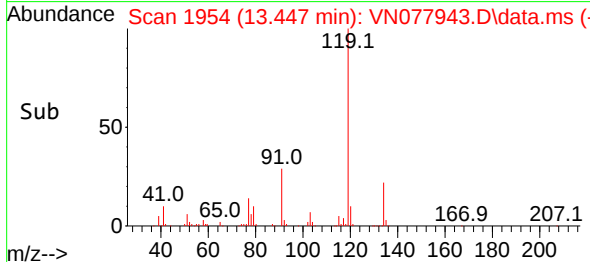
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02



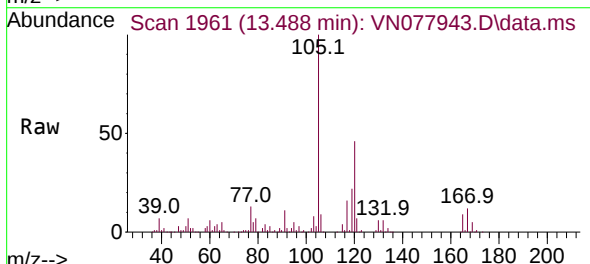
Tgt Ion:119 Resp: 30388
Ion Ratio Lower Upper
119 100
91 67.8 33.9 101.7
134 25.5 13.2 39.6

Manual Integrations
APPROVED

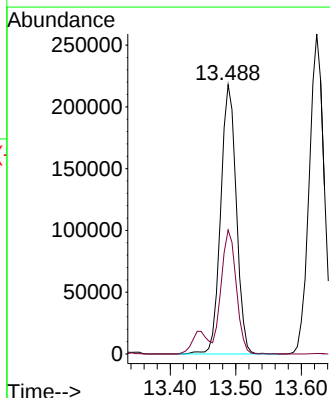
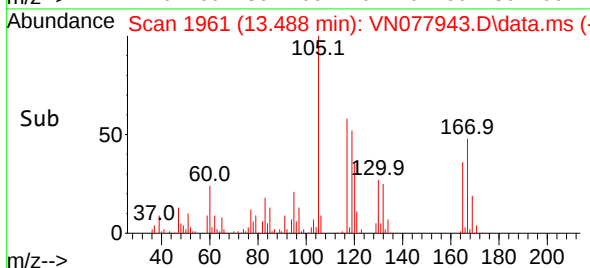
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

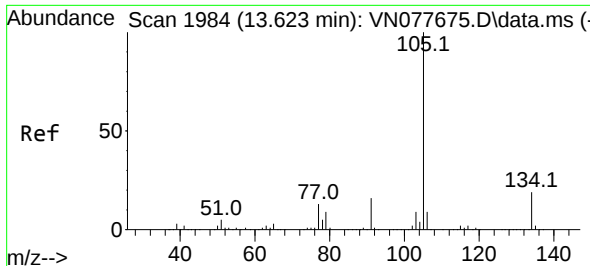


#84
1,2,4-Trimethylbenzene
Concen: 23.854 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40



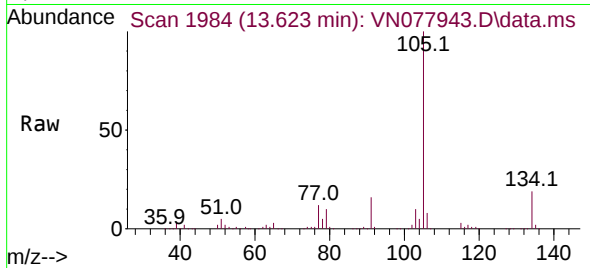
Tgt Ion:105 Resp: 358755
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 21.524 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077943.D
 Acq: 26 May 2023 23:40

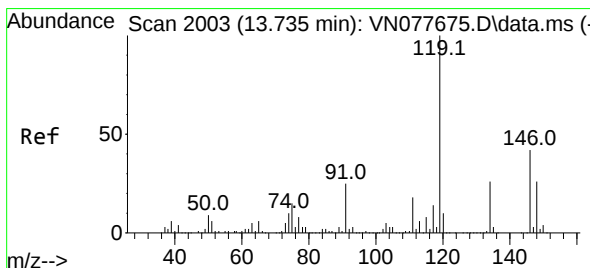
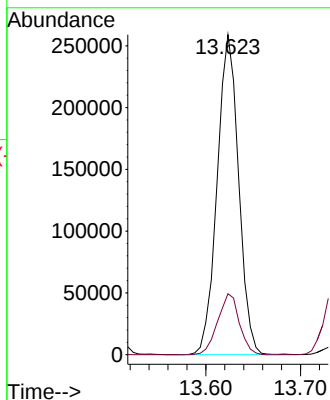
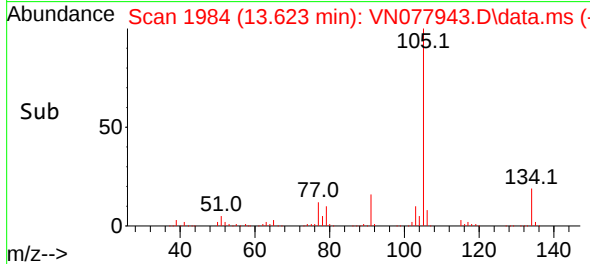
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD02



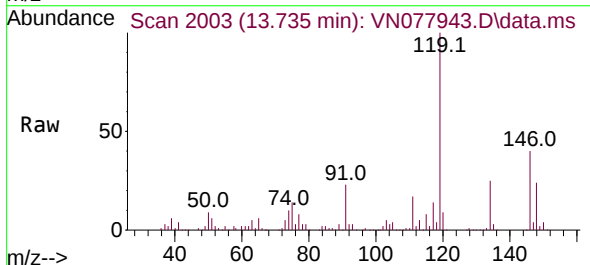
Tgt Ion:105 Resp: 408370
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

Manual Integrations
 APPROVED

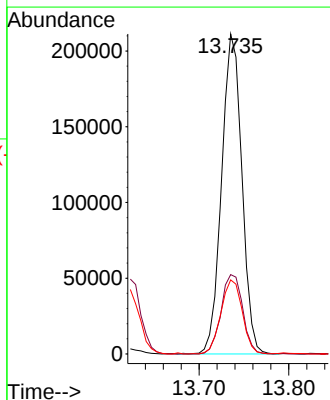
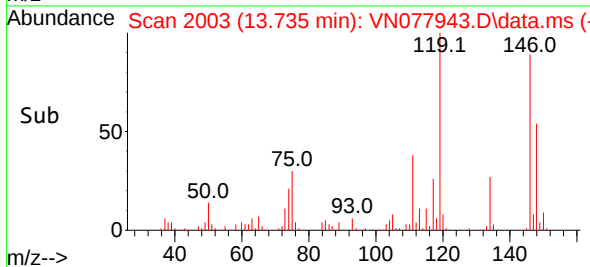
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023

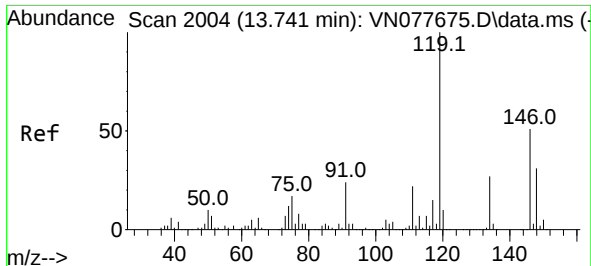


#86
 p-Isopropyltoluene
 Concen: 21.913 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077943.D
 Acq: 26 May 2023 23:40



Tgt Ion:119 Resp: 331450
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.906 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD02

Tgt Ion:146 Resp: 16053

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.3

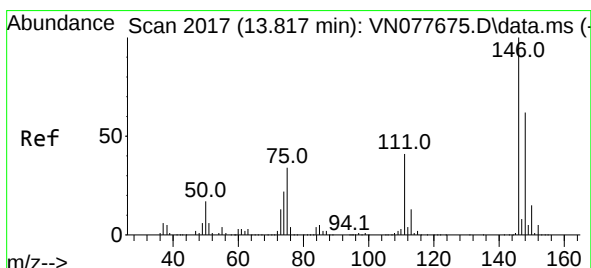
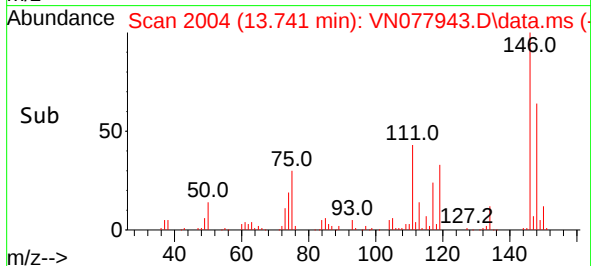
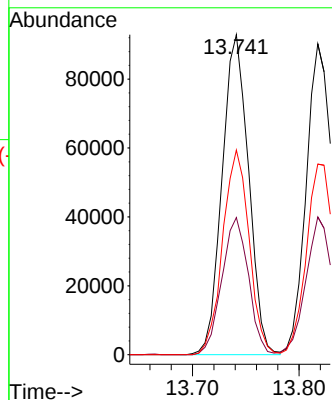
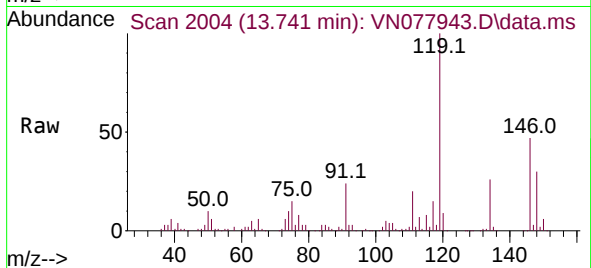
148 63.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#88

1,4-Dichlorobenzene

Concen: 20.325 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.001 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

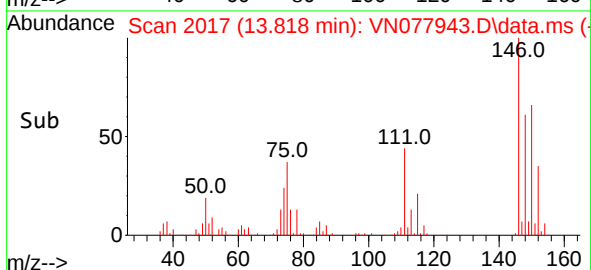
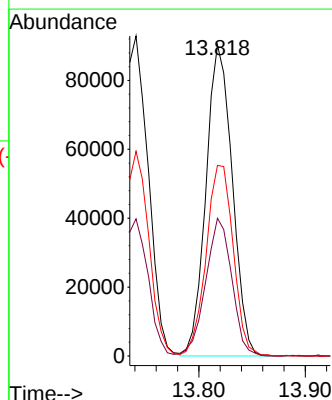
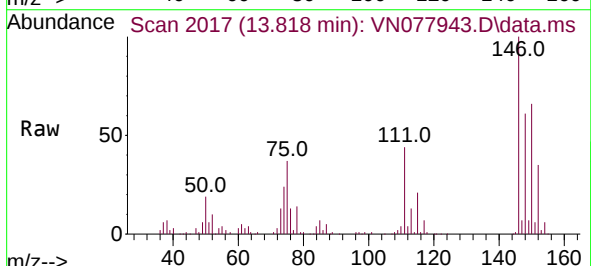
Tgt Ion:146 Resp: 154878

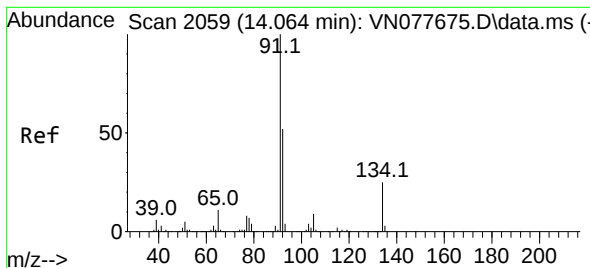
Ion Ratio Lower Upper

146 100

111 44.0 20.6 61.8

148 63.3 31.6 94.8





#89

n-Butylbenzene

Concen: 18.472 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD02

Tgt Ion: 91 Resp: 25698

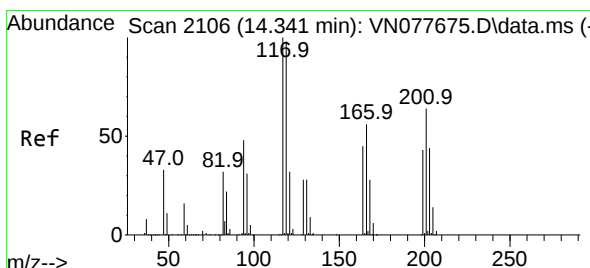
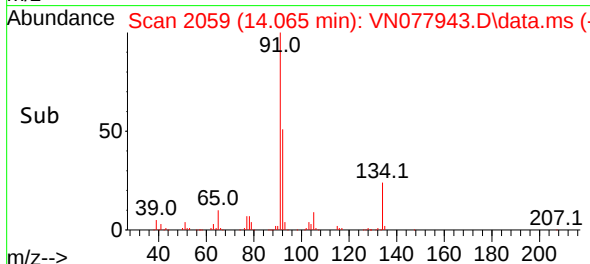
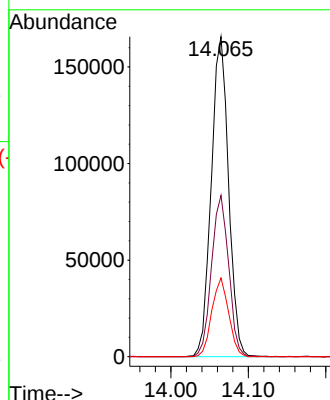
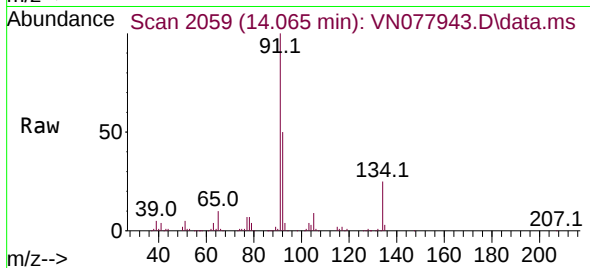
Ion	Ratio	Lower	Upper
91	100		
92	49.9	26.4	79.0
134	23.9	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#90

Hexachloroethane

Concen: 21.858 ug/l

RT: 14.335 min Scan# 2105

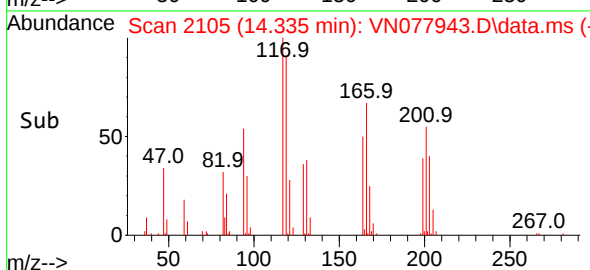
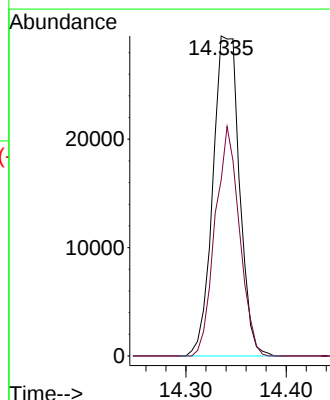
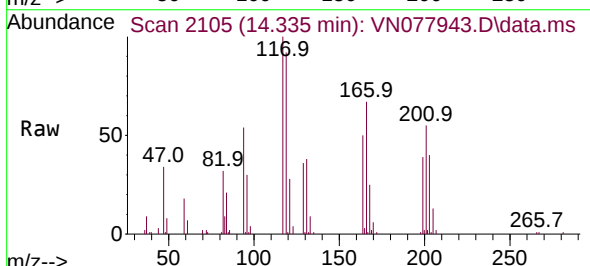
Delta R.T. -0.006 min

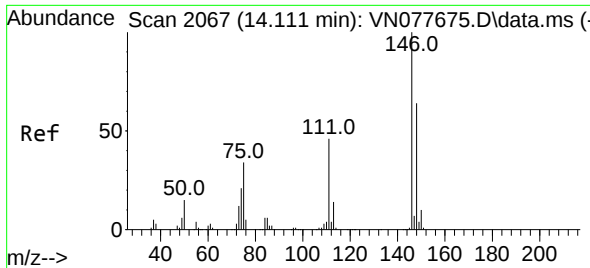
Lab File: VN077943.D

Acq: 26 May 2023 23:40

Tgt Ion:117 Resp: 54312

Ion	Ratio	Lower	Upper
117	100		
201	65.6	29.3	88.0





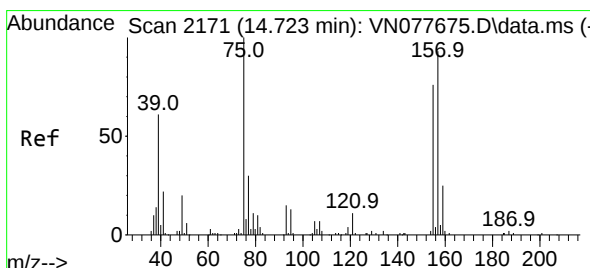
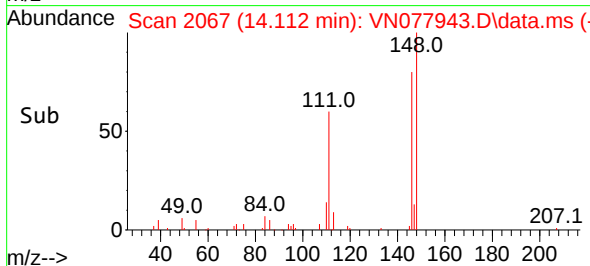
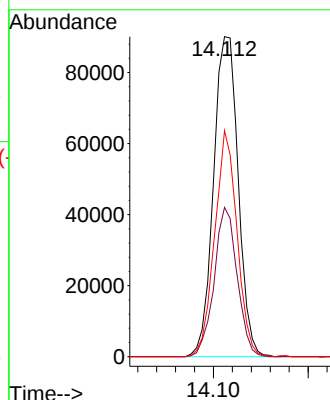
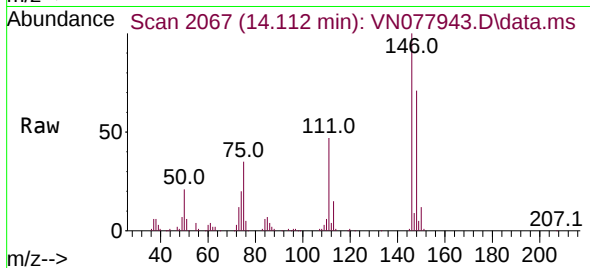
#91
1,2-Dichlorobenzene
Concen: 22.709 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD02

Tgt Ion:146 Resp: 162909
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 64.1 31.8 95.3

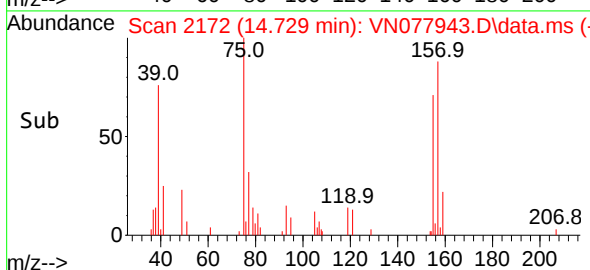
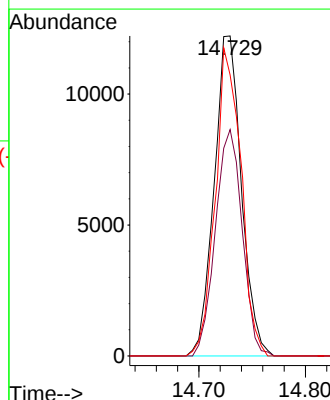
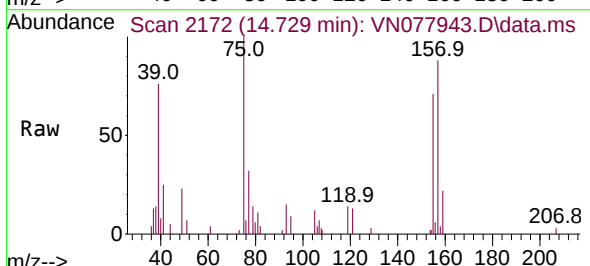
Manual Integrations
APPROVED

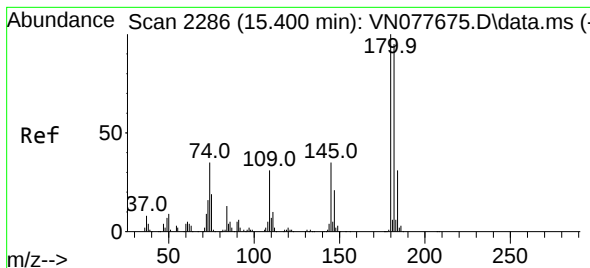
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.026 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077943.D
Acq: 26 May 2023 23:40

Tgt Ion: 75 Resp: 21702
Ion Ratio Lower Upper
75 100
155 69.6 39.1 117.2
157 90.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 13.840 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD02

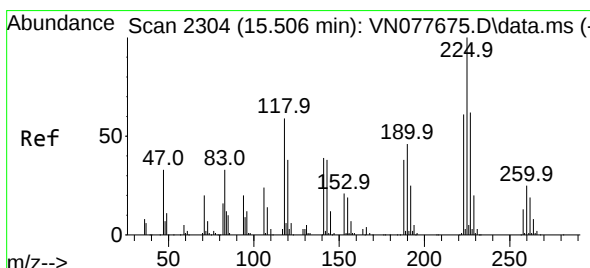
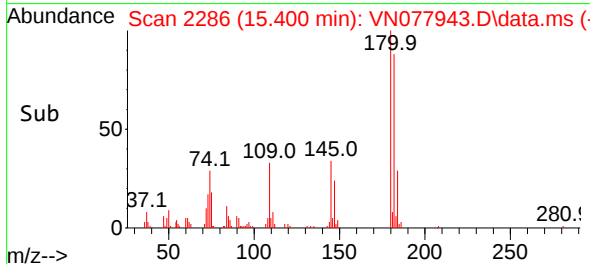
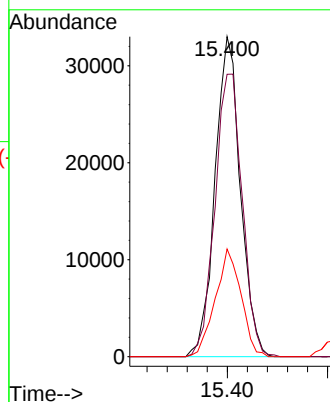
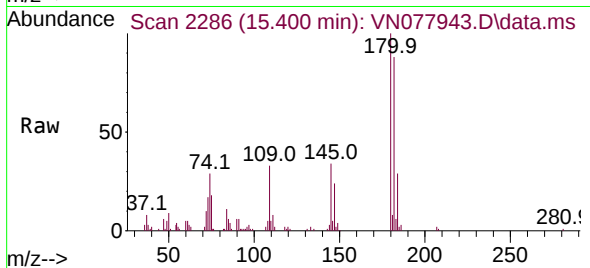
Tgt Ion:180	Resp: 58018
Ion Ratio	Lower Upper
180 100	
182 95.1	46.1 138.2
145 34.1	16.6 49.8

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 15.656 ug/l

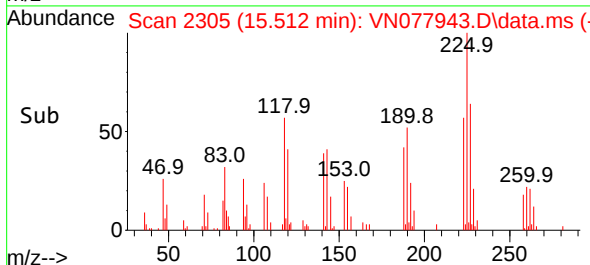
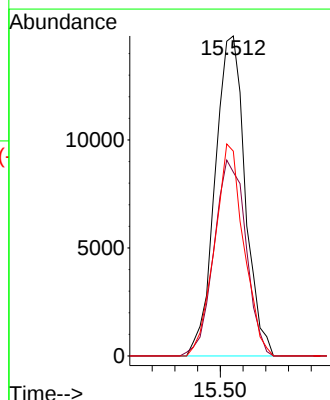
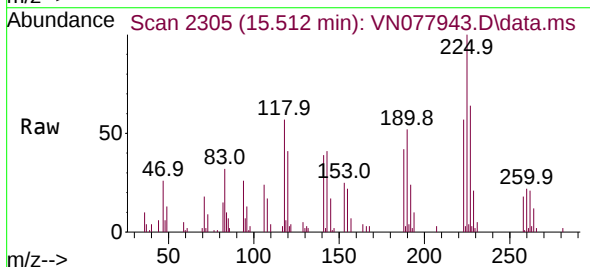
RT: 15.512 min Scan# 2305

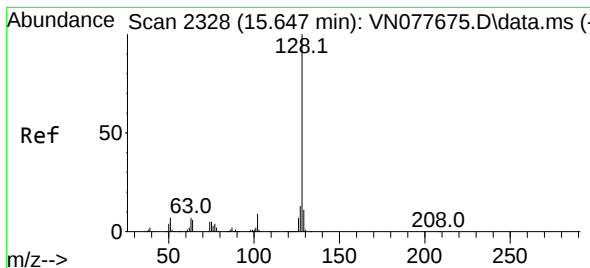
Delta R.T. 0.006 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Tgt Ion:225	Resp: 27250
Ion Ratio	Lower Upper
225 100	
223 64.7	31.3 93.8
227 64.3	31.9 95.9





#95

Naphthalene

Concen: 12.538 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD02

Tgt Ion:128 Resp: 180915

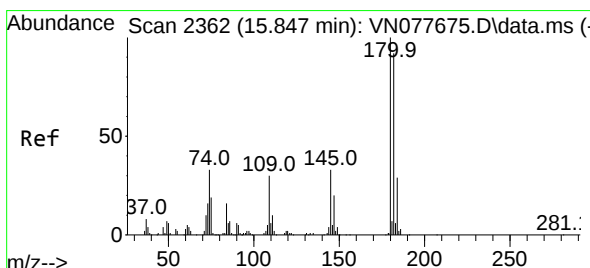
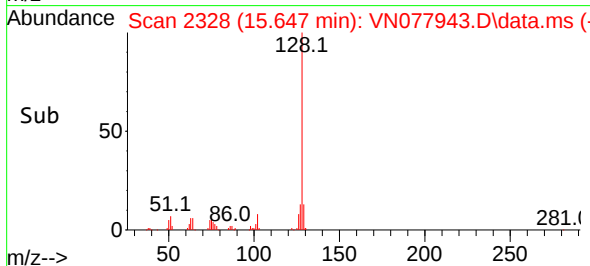
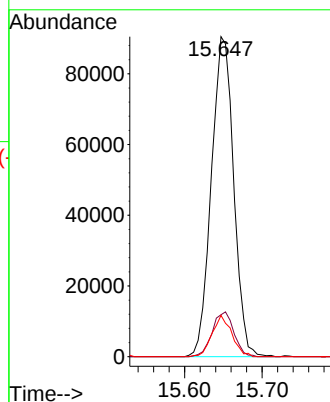
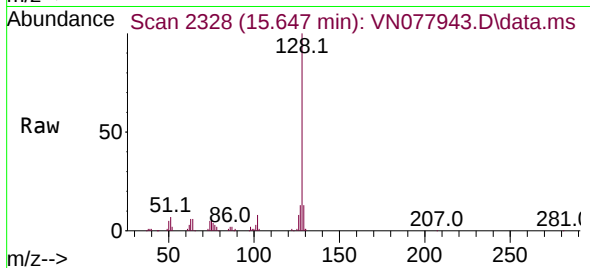
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.0	15.0
129	11.5	8.7	13.1

Manual Integrations

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Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.409 ug/l

RT: 15.853 min Scan# 2363

Delta R.T. 0.006 min

Lab File: VN077943.D

Acq: 26 May 2023 23:40

Tgt Ion:180 Resp: 63247

Ion	Ratio	Lower	Upper
180	100		
182	98.2	46.2	138.6
145	35.7	17.5	52.6

