

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079693.D
 Acq On : 26 Oct 2023 12:04
 Operator : JC\MD
 Sample : VN1026MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 27 01:18:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	246771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	421927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	390746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	208663	52.150	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.300%			
35) Dibromofluoromethane	8.171	113	165348	54.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.060%			
50) Toluene-d8	10.571	98	590931	53.863	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.720%			
62) 4-Bromofluorobenzene	12.853	95	186919	53.089	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	63898	18.070	ug/l	100
3) Chloromethane	2.365	50	73859	16.740	ug/l	100
4) Vinyl Chloride	2.518	62	80777	17.601	ug/l	96
5) Bromomethane	2.959	94	57903	21.076	ug/l	99
6) Chloroethane	3.124	64	58545	16.921	ug/l	94
7) Trichlorofluoromethane	3.501	101	128429	23.701	ug/l	98
8) Diethyl Ether	3.965	74	43423	22.478	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.377	101	71576	22.604	ug/l	99
10) Methyl Iodide	4.595	142	69926	25.448	ug/l	98
11) Tert butyl alcohol	5.524	59	47774	79.331	ug/l	99
12) 1,1-Dichloroethene	4.342	96	65656	22.519	ug/l #	82
13) Acrolein	4.183	56	67418	112.431	ug/l	96
14) Allyl chloride	5.030	41	83932	17.838	ug/l #	92
15) Acrylonitrile	5.730	53	166158	95.170	ug/l	99
16) Acetone	4.436	43	200450	126.307	ug/l	92
17) Carbon Disulfide	4.718	76	171416	18.848	ug/l	97
18) Methyl Acetate	5.030	43	141178	18.175	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	181460	19.155	ug/l #	89
20) Methylene Chloride	5.277	84	68429	19.321	ug/l #	78
21) trans-1,2-Dichloroethene	5.794	96	59490	17.470	ug/l #	79
22) Diisopropyl ether	6.677	45	212409	20.132	ug/l #	93
23) Vinyl Acetate	6.612	43	548767	92.468	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	125436	19.426	ug/l	98
25) 2-Butanone	7.488	43	228446	96.986	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	99497	20.163	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	71023	19.198	ug/l	84
28) Bromochloromethane	7.812	49	62213	20.250	ug/l #	76
29) Tetrahydrofuran	7.847	42	143682	94.318	ug/l #	75
30) Chloroform	7.971	83	131399	20.141	ug/l	95
31) Cyclohexane	8.259	56	98922	17.429	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	110112	20.055	ug/l #	92
36) 1,1-Dichloropropene	8.377	75	89706	19.712	ug/l	95
37) Ethyl Acetate	7.571	43	93703	20.693	ug/l #	90
38) Carbon Tetrachloride	8.365	117	94441	20.730	ug/l	94
39) Methylcyclohexane	9.606	83	79063	18.083	ug/l #	82
40) Benzene	8.612	78	281599	20.836	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	48409	20.335	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	102546	20.881	ug/l	97
43) Isopropyl Acetate	8.694	43	147191	18.554	ug/l #	90
44) Trichloroethene	9.359	130	65427	20.568	ug/l	97
45) 1,2-Dichloropropane	9.624	63	74728	20.986	ug/l	94
46) Dibromomethane	9.712	93	48338	20.959	ug/l	95
47) Bromodichloromethane	9.894	83	101676	21.432	ug/l #	99
48) Methyl methacrylate	9.688	41	65982	19.409	ug/l #	82
49) 1,4-Dioxane	9.694	88	23456	374.590	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	463356	103.467	ug/l	87
52) Toluene	10.635	92	169160	21.263	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	97621	20.419	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	108433	20.719	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	70403	22.043	ug/l	97
56) Ethyl methacrylate	10.877	69	88383	20.139	ug/l #	81
57) 1,3-Dichloropropane	11.171	76	120728	21.891	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	151636	90.220	ug/l	89
59) 2-Hexanone	11.200	43	328101	101.530	ug/l	86
60) Dibromochloromethane	11.365	129	69010	21.499	ug/l	97
61) 1,2-Dibromoethane	11.471	107	65767	20.749	ug/l	99
64) Tetrachloroethene	11.106	164	54067	20.114	ug/l	91
65) Chlorobenzene	11.894	112	168289	19.339	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	64722	20.313	ug/l	99
67) Ethyl Benzene	11.965	91	299116	19.776	ug/l	94
68) m/p-Xylenes	12.076	106	221578	40.319	ug/l	93
69) o-Xylene	12.400	106	106327	19.673	ug/l	94
70) Styrene	12.418	104	172803	20.242	ug/l	97
71) Bromoform	12.582	173	45964	19.711	ug/l #	100
73) Isopropylbenzene	12.700	105	267593	18.098	ug/l	99
74) N-amyl acetate	12.500	43	106503	17.570	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	98548	19.919	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	89161m	19.457	ug/l	
77) Bromobenzene	12.982	156	64821	17.880	ug/l	94
78) n-propylbenzene	13.041	91	317846	19.000	ug/l	98
79) 2-Chlorotoluene	13.129	91	196597	18.366	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	222443	19.079	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	26904	17.035	ug/l #	79
82) 4-Chlorotoluene	13.223	91	190057	18.658	ug/l	100
83) tert-Butylbenzene	13.441	119	178805	18.718	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	222814	20.025	ug/l	100
85) sec-Butylbenzene	13.617	105	249453	18.722	ug/l	99
86) p-Isopropyltoluene	13.735	119	198843	19.453	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	108245	18.825	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	108257	18.233	ug/l	99
89) n-Butylbenzene	14.059	91	149314	18.293	ug/l	96
90) Hexachloroethane	14.335	117	42199	19.702	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	106151	18.925	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14161	16.563	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	25006	14.395	ug/l	92
94) Hexachlorobutadiene	15.506	225	25308	18.705	ug/l	99
95) Naphthalene	15.647	128	64917	12.238	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	27844	13.432	ug/l	97

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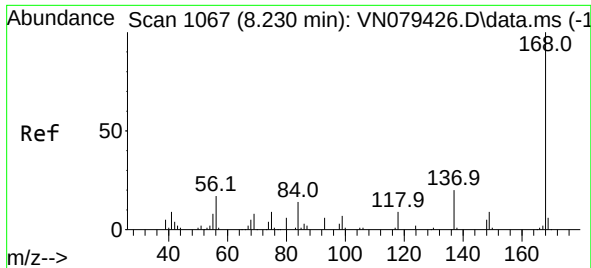
Manual Integrations
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Response via : Initial Calibration

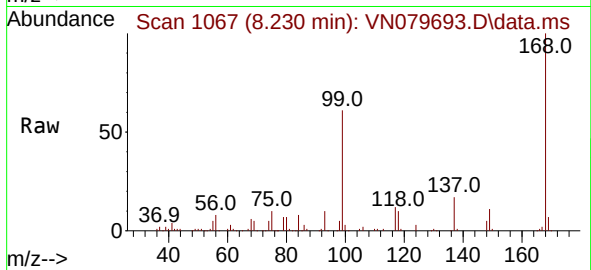
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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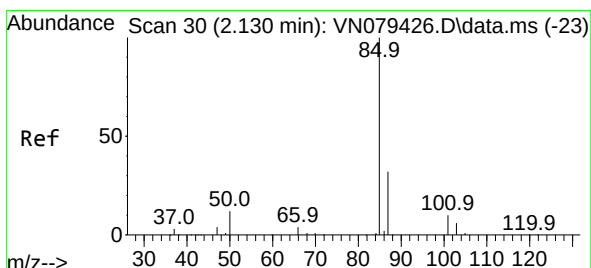
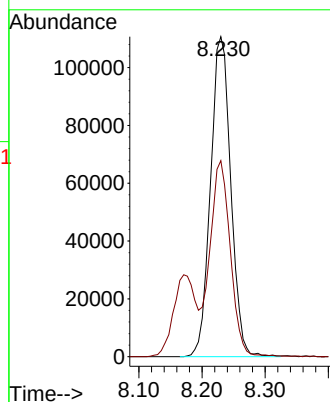
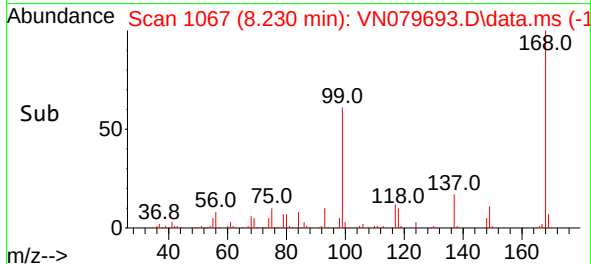
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 24677
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6

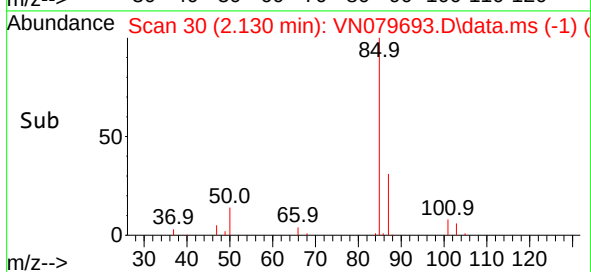
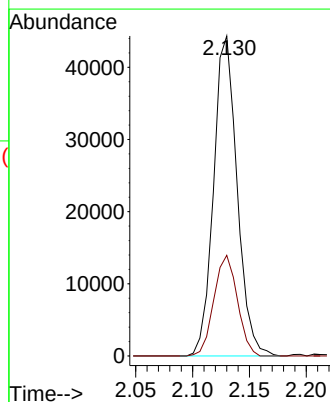
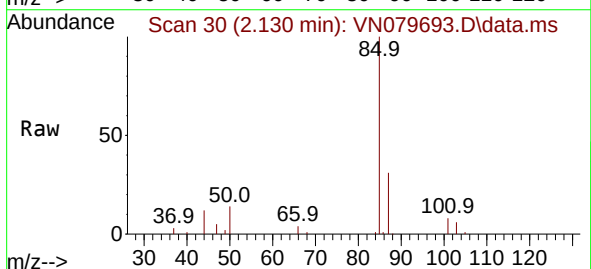
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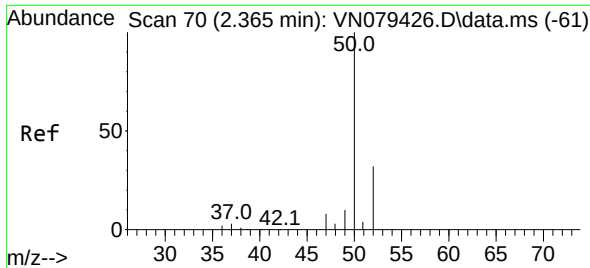
Reviewed By :John Carlone 10/27/2023
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#2
Dichlorodifluoromethane
Concen: 18.070 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion: 85 Resp: 63898
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4





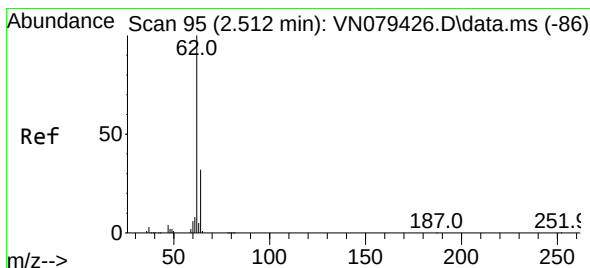
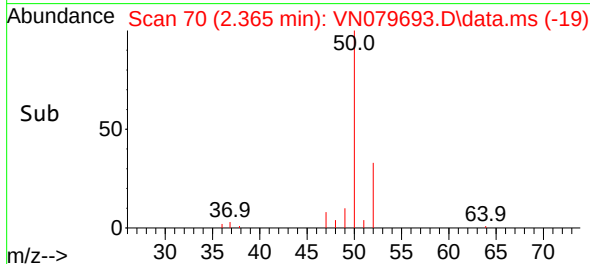
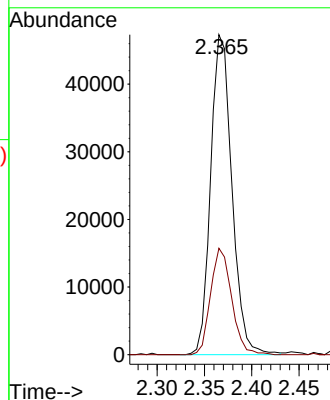
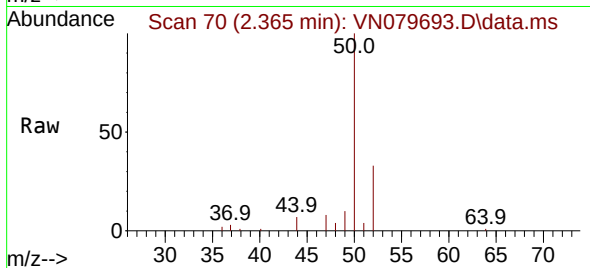
#3
Chloromethane
Concen: 16.740 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

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Tgt Ion: 50 Resp: 73859
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

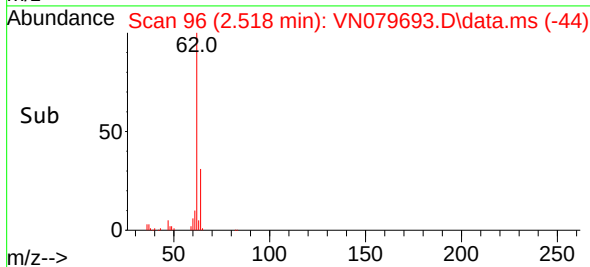
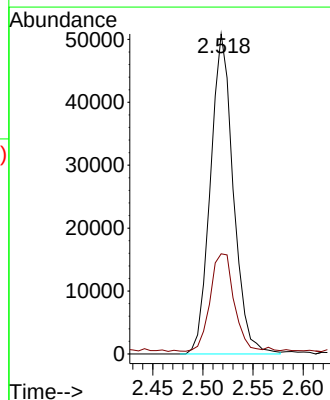
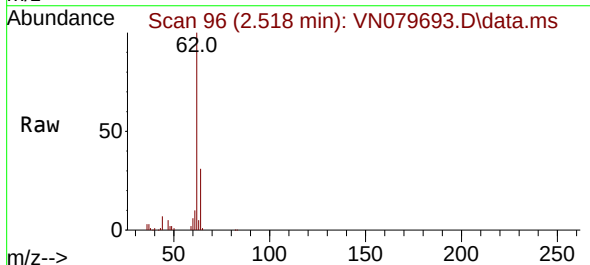
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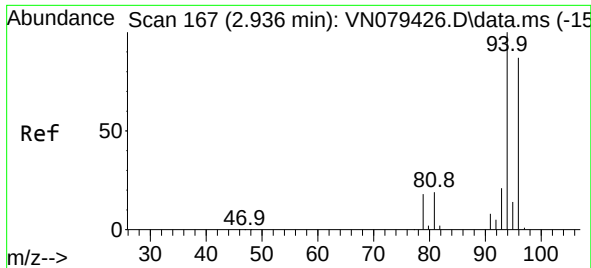
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#4
Vinyl Chloride
Concen: 17.601 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion: 62 Resp: 80777
Ion Ratio Lower Upper
62 100
64 30.4 26.2 39.2





#5

Bromomethane

Concen: 21.076 ug/l

RT: 2.959 min Scan# 1

Delta R.T. 0.024 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 94 Resp: 5790

Ion Ratio Lower Upper

94 100

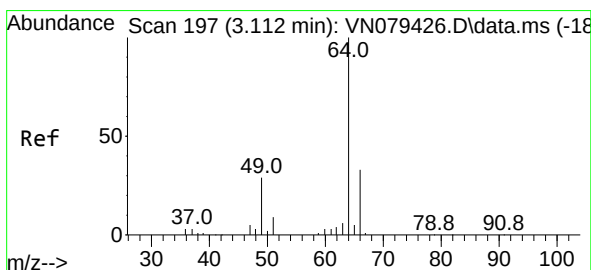
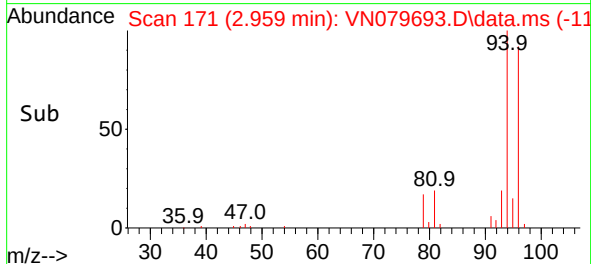
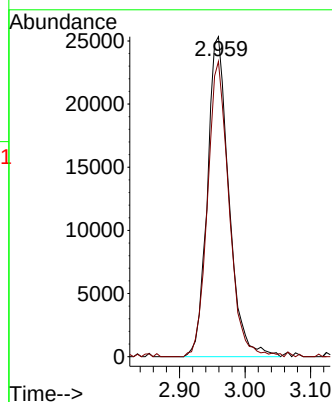
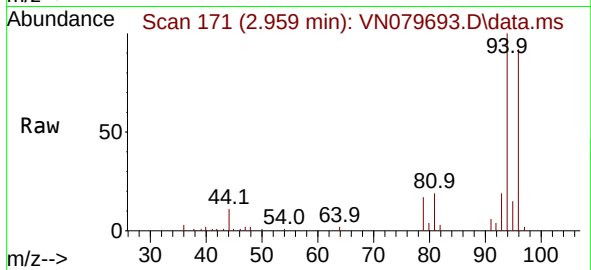
96 92.2 73.1 109.7

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#6

Chloroethane

Concen: 16.921 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.012 min

Lab File: VN079693.D

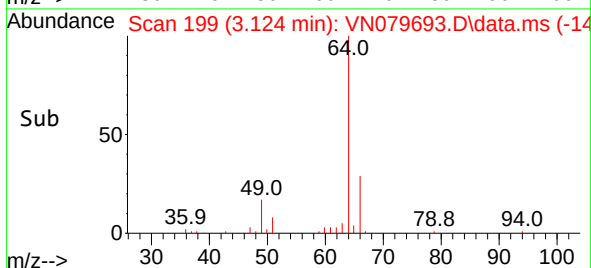
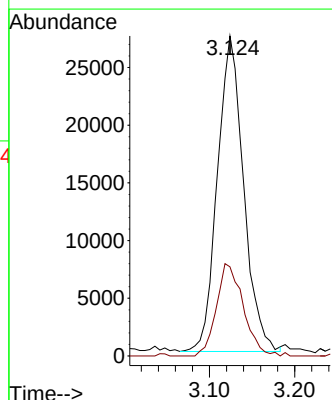
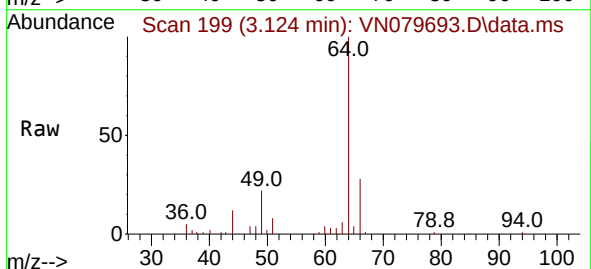
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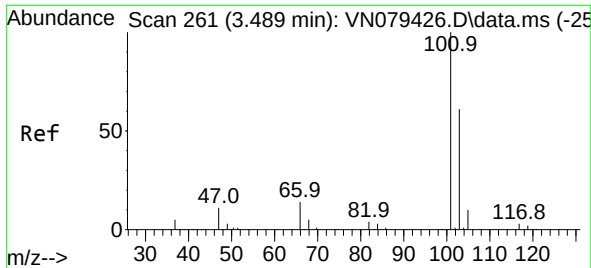
Tgt Ion: 64 Resp: 58545

Ion Ratio Lower Upper

64 100

66 28.2 25.4 38.2





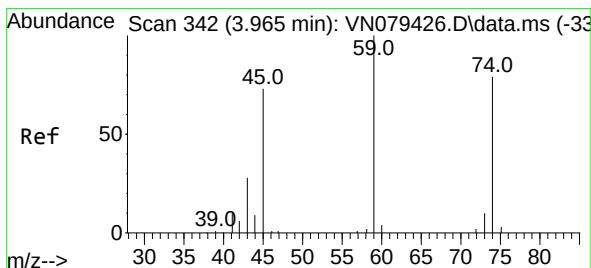
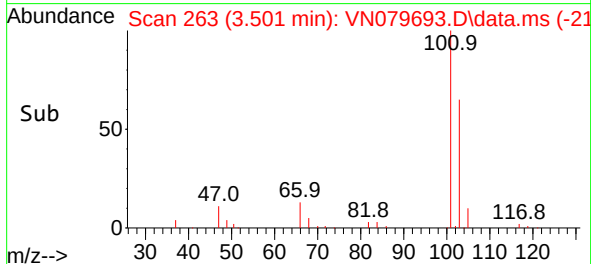
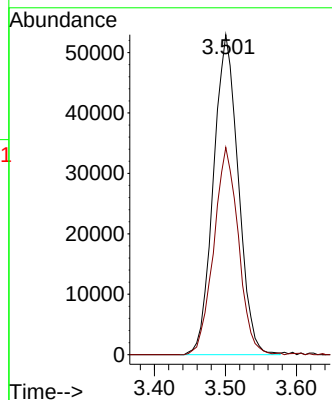
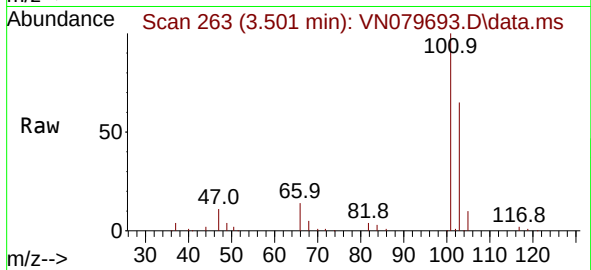
#7
Trichlorofluoromethane
Concen: 23.701 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.012 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
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ClientSampleId :
VN1026MBS01

Tgt Ion:101 Resp: 128429
Ion Ratio Lower Upper
101 100
103 64.8 50.7 76.1

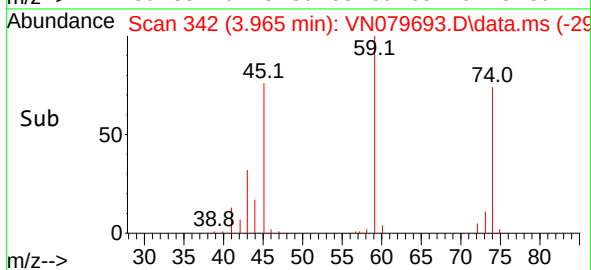
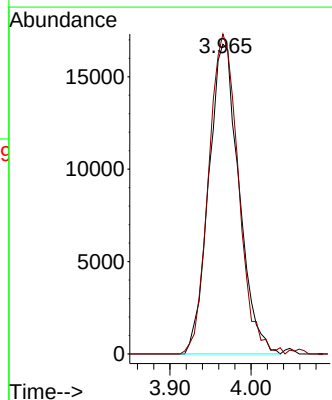
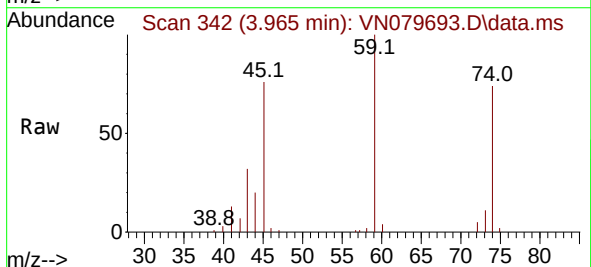
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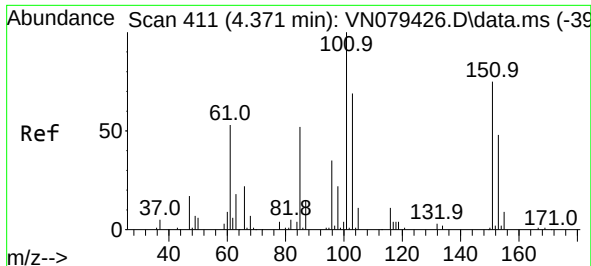
Reviewed By :John Carlone 10/27/2023
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#8
Diethyl Ether
Concen: 22.478 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion: 74 Resp: 43423
Ion Ratio Lower Upper
74 100
45 101.9 34.4 103.3





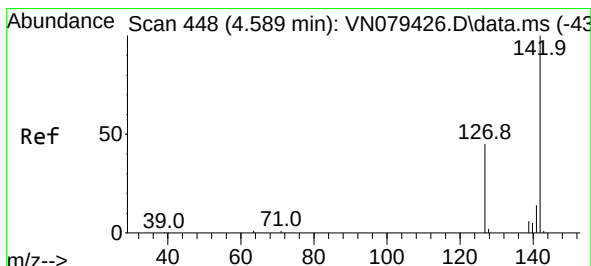
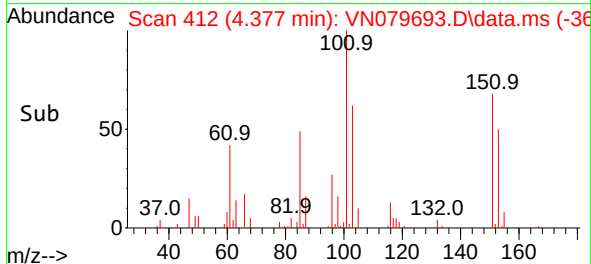
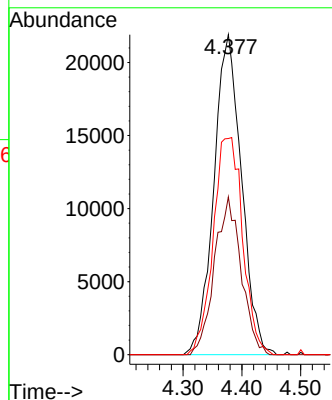
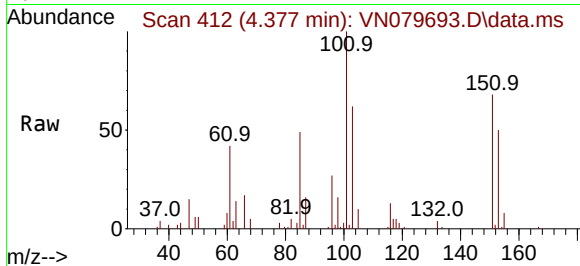
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.604 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion:101 Resp: 71570
Ion Ratio Lower Upper
101 100
85 47.6 36.6 55.0
151 72.3 57.6 86.4

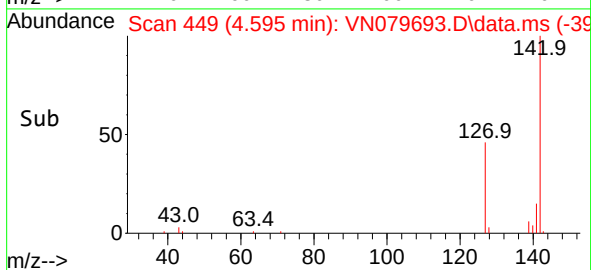
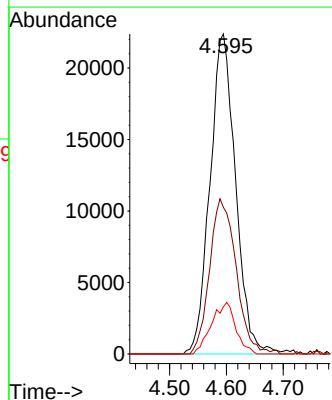
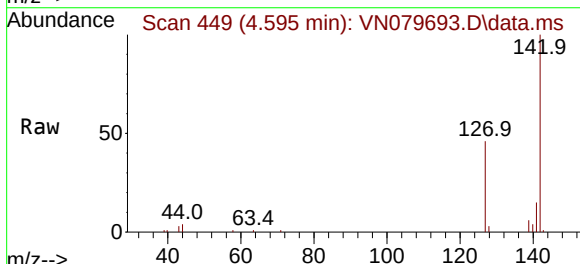
Manual Integrations
APPROVED

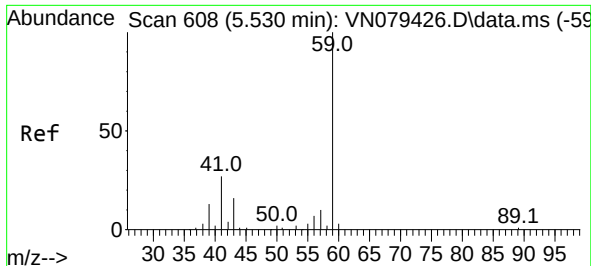
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#10
Methyl Iodide
Concen: 25.448 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion:142 Resp: 69926
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.8 11.4 17.0





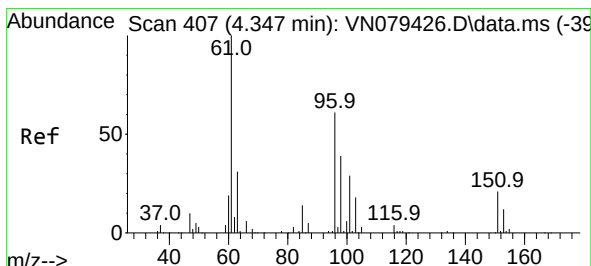
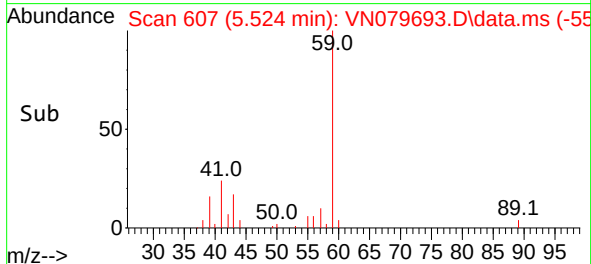
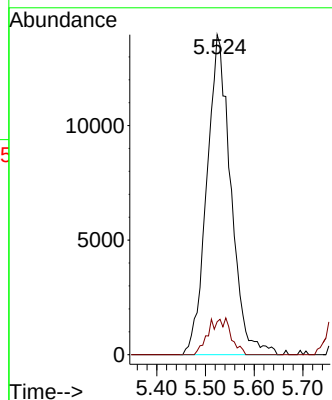
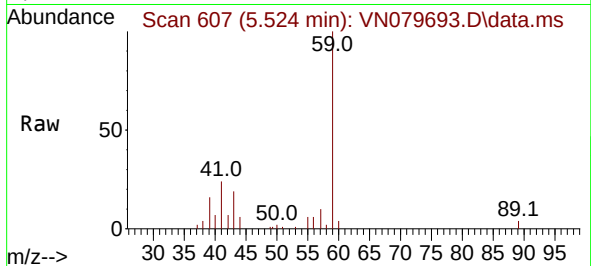
#11
Tert butyl alcohol
Concen: 79.331 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion: 59 Resp: 47774
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

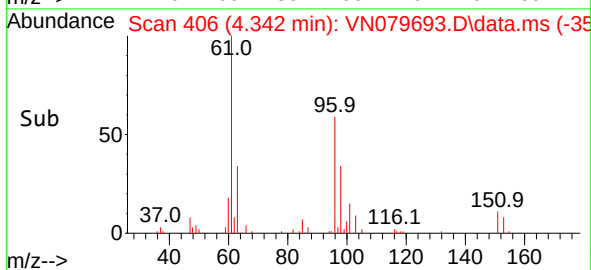
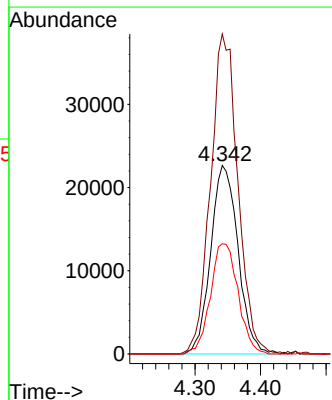
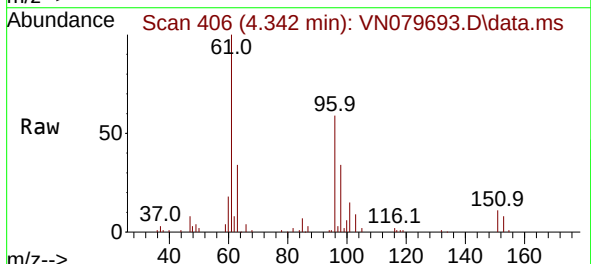
Manual Integrations
APPROVED

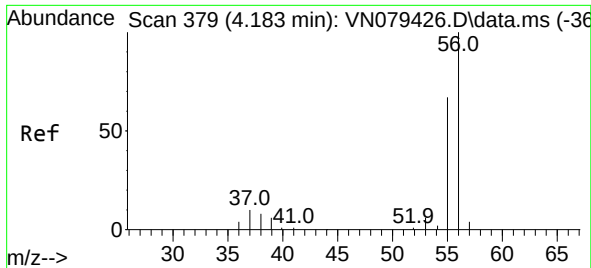
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#12
1,1-Dichloroethene
Concen: 22.519 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

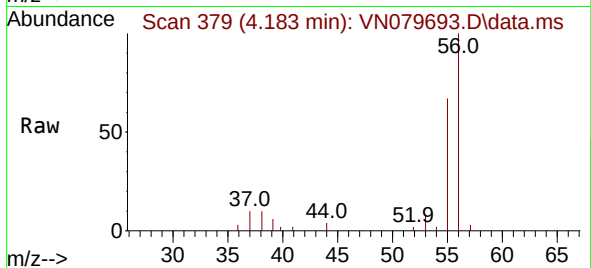
Tgt Ion: 96 Resp: 65656
Ion Ratio Lower Upper
96 100
61 169.8 112.7 169.1#
98 58.5 51.2 76.8





#13
Acrolein
Concen: 112.431 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

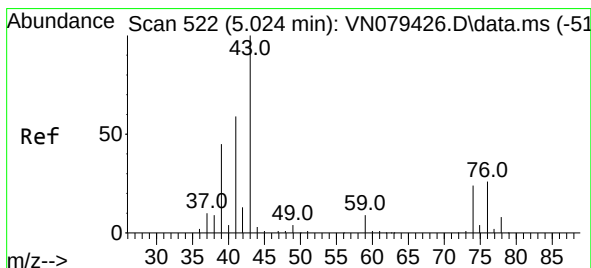
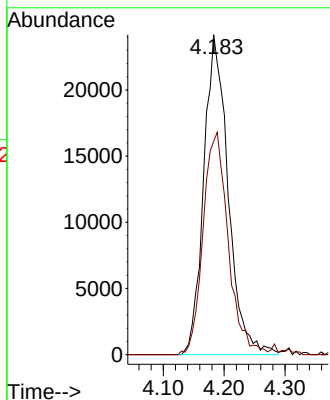
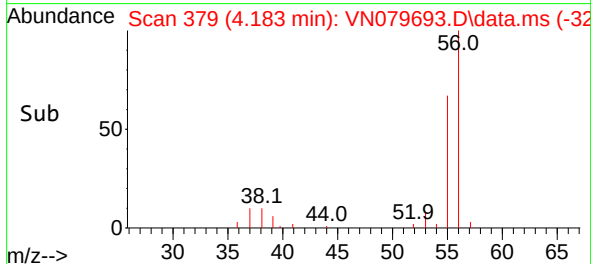
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



Tgt Ion: 56 Resp: 67418
Ion Ratio Lower Upper
56 100
55 71.5 54.5 81.7

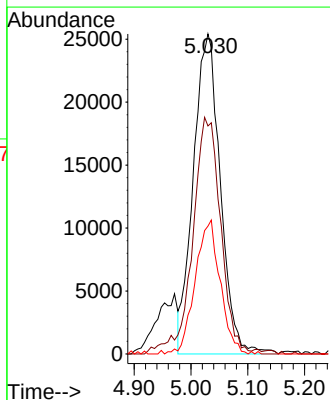
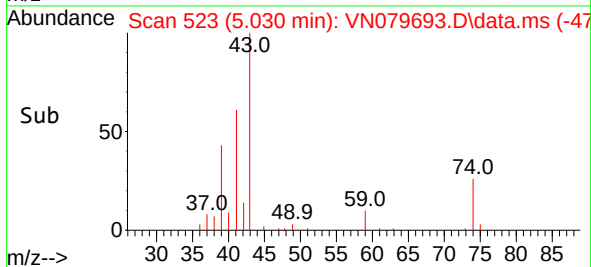
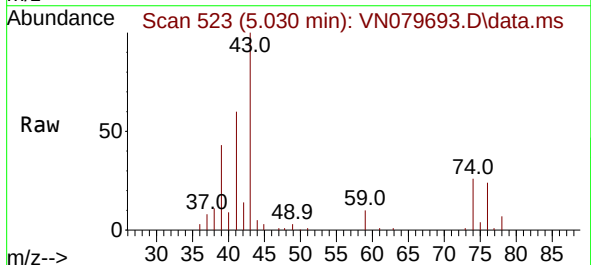
Manual Integrations
APPROVED

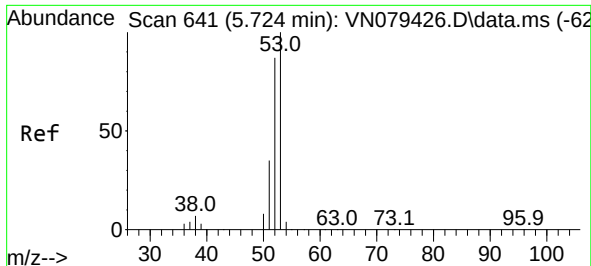
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#14
Allyl chloride
Concen: 17.838 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

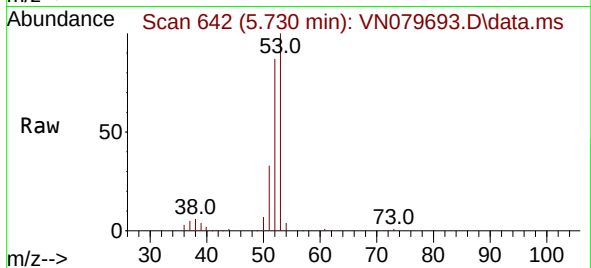
Tgt Ion: 41 Resp: 83932
Ion Ratio Lower Upper
41 100
39 76.6 58.8 88.2
76 38.7 39.1 58.7#





#15
Acrylonitrile
Concen: 95.170 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

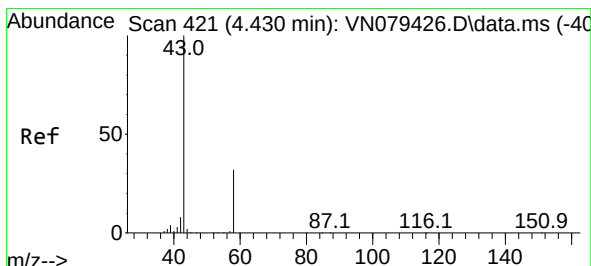
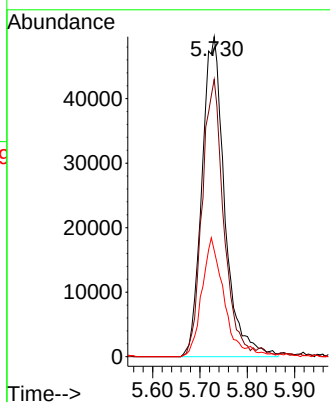
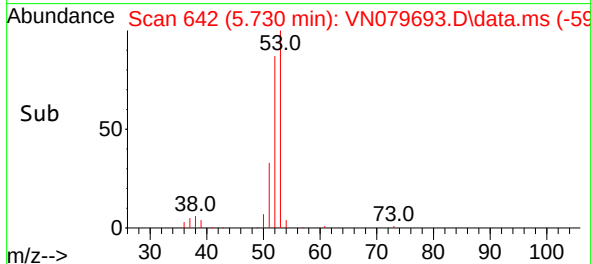
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



Tgt Ion: 53 Resp: 166158
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 34.7 28.9 43.3

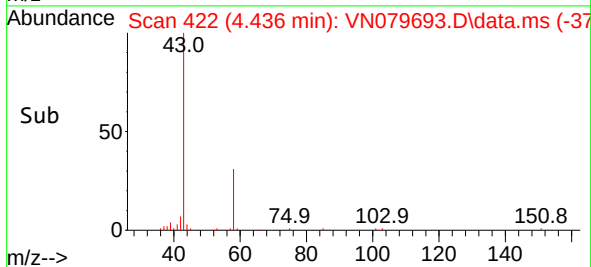
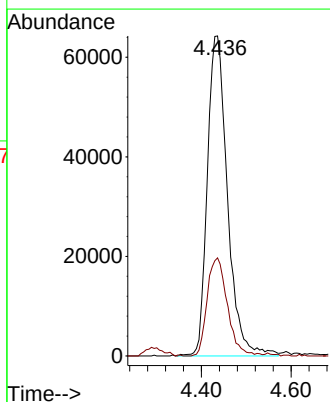
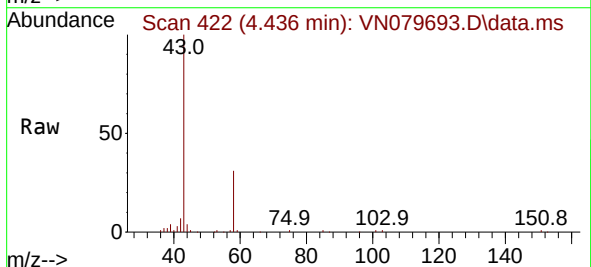
Manual Integrations
APPROVED

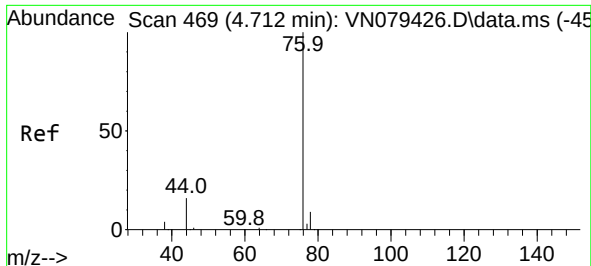
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#16
Acetone
Concen: 126.307 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion: 43 Resp: 200450
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0





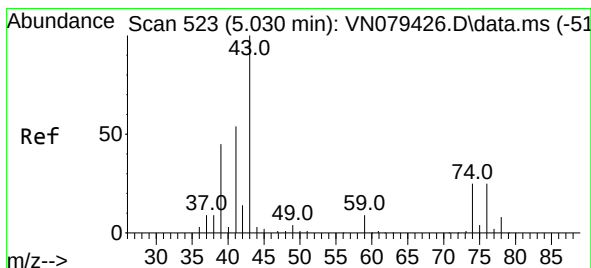
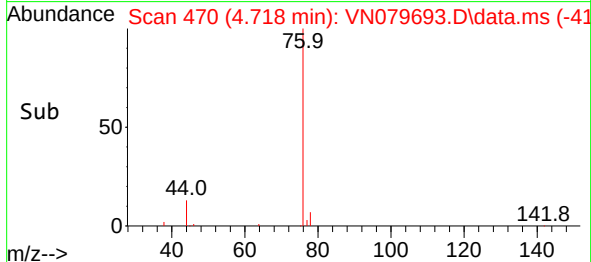
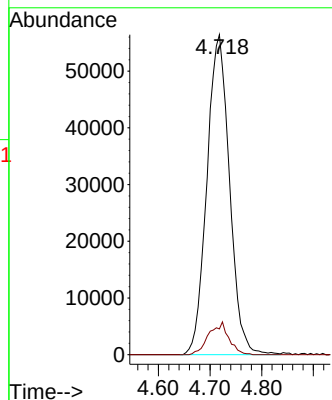
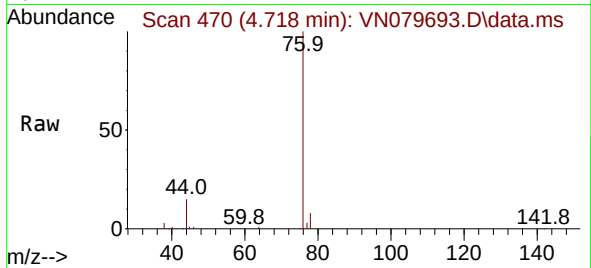
#17
Carbon Disulfide
Concen: 18.848 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion: 76 Resp: 171410
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

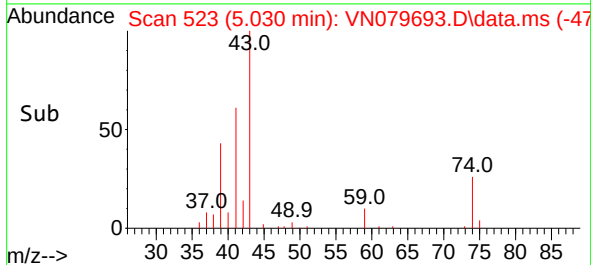
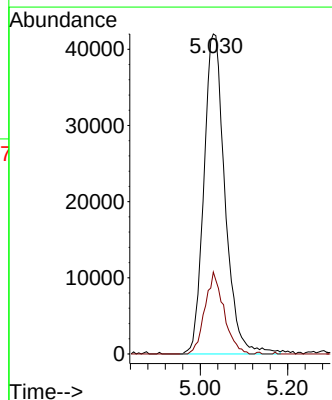
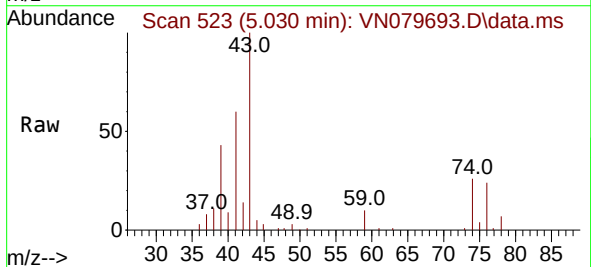
Manual Integrations
APPROVED

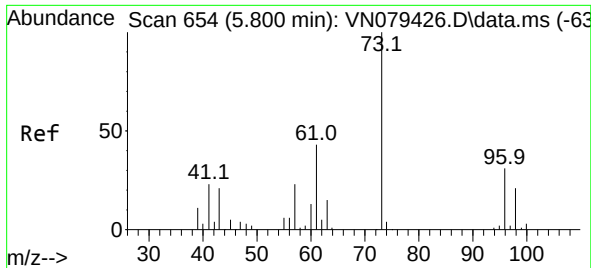
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#18
Methyl Acetate
Concen: 18.175 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion: 43 Resp: 141178
Ion Ratio Lower Upper
43 100
74 23.0 26.2 39.4#





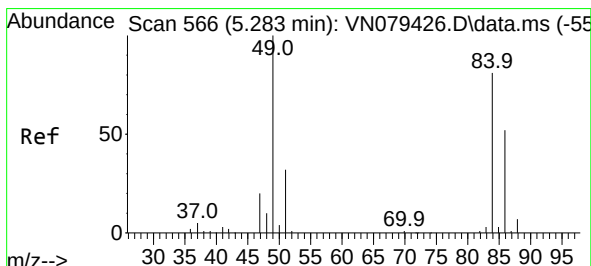
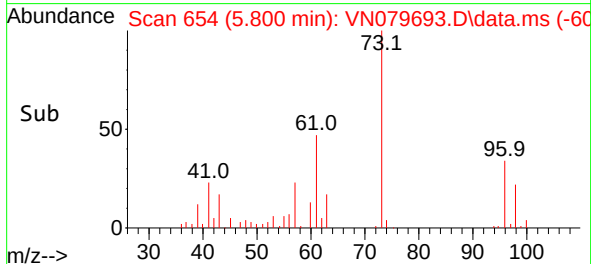
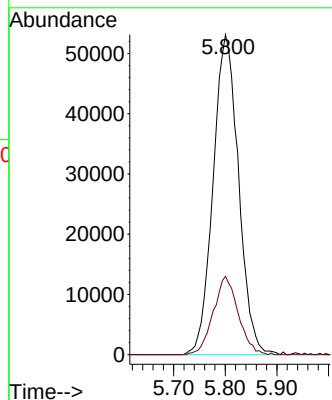
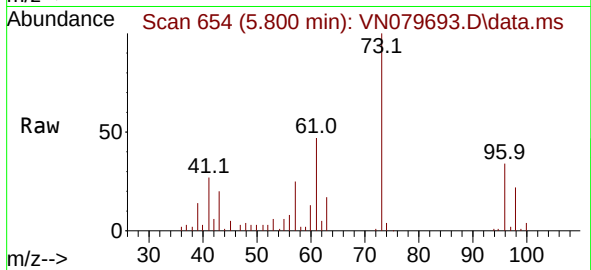
#19
Methyl tert-butyl Ether
Concen: 19.155 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion: 73 Resp: 181460
Ion Ratio Lower Upper
73 100
57 24.5 15.6 23.4

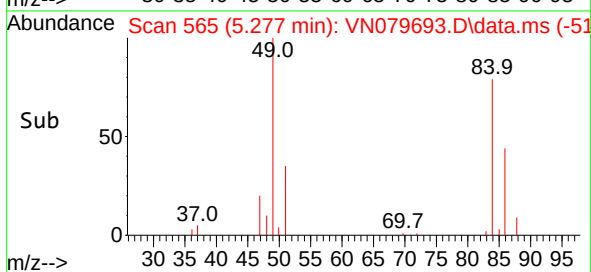
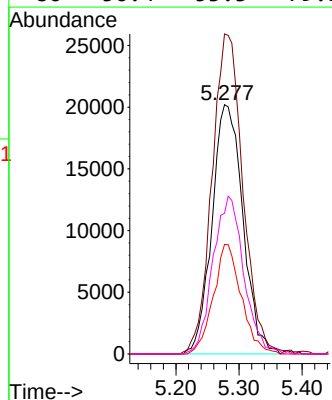
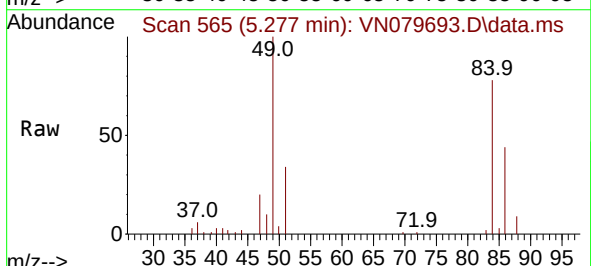
Manual Integrations
APPROVED

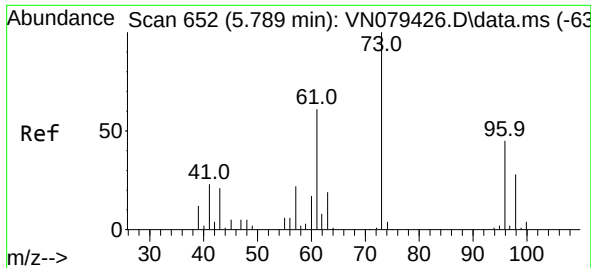
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#20
Methylene Chloride
Concen: 19.321 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion: 84 Resp: 68429
Ion Ratio Lower Upper
84 100
49 128.3 79.7 119.5#
51 43.9 25.2 37.8#
86 56.4 53.3 79.9





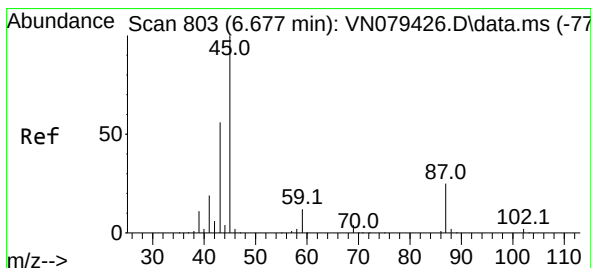
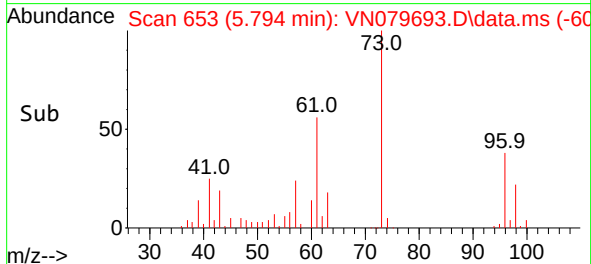
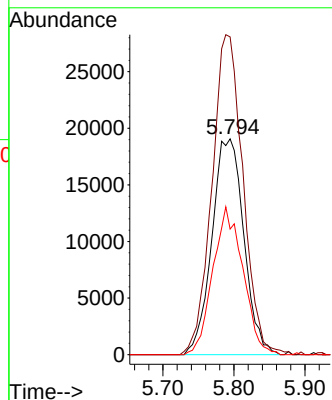
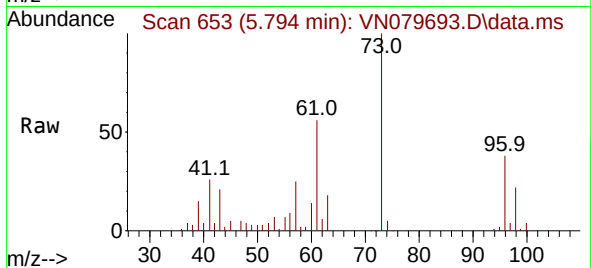
#21
trans-1,2-Dichloroethene
Concen: 17.470 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion: 96 Resp: 59490
Ion Ratio Lower Upper
96 100
61 147.2 90.1 135.1
98 58.2 46.4 69.6

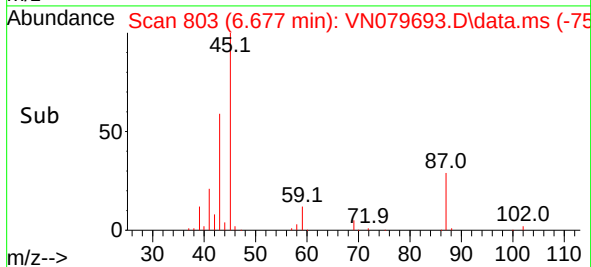
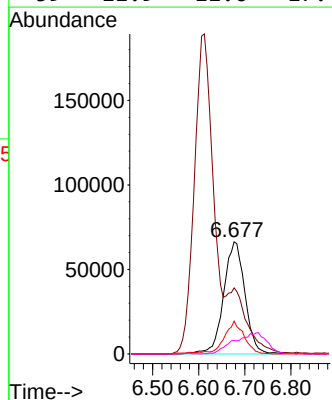
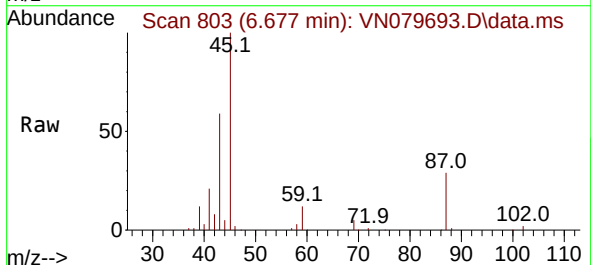
Manual Integrations
APPROVED

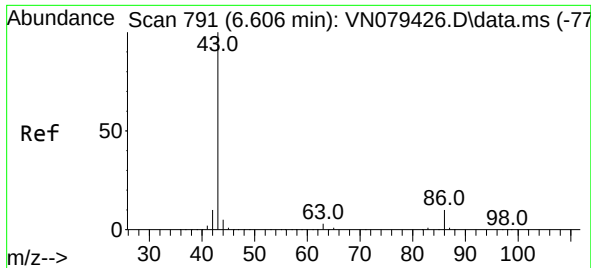
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#22
Diisopropyl ether
Concen: 20.132 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion: 45 Resp: 212409
Ion Ratio Lower Upper
45 100
43 57.6 45.5 68.3
87 29.2 31.8 47.8#
59 11.9 11.6 17.4





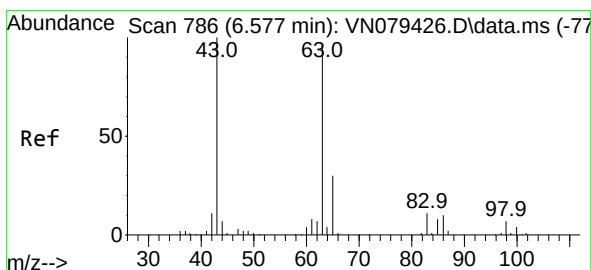
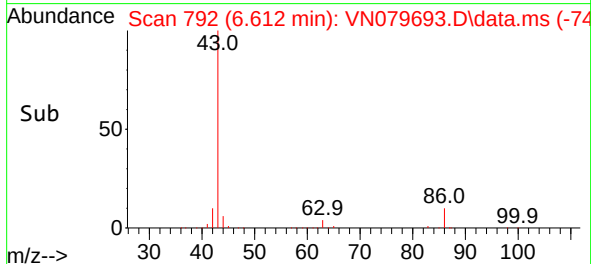
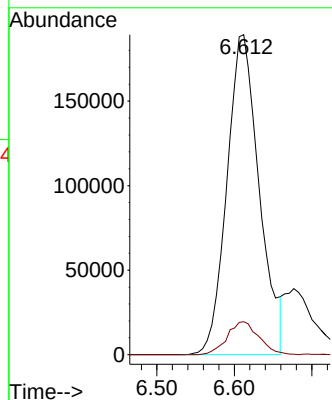
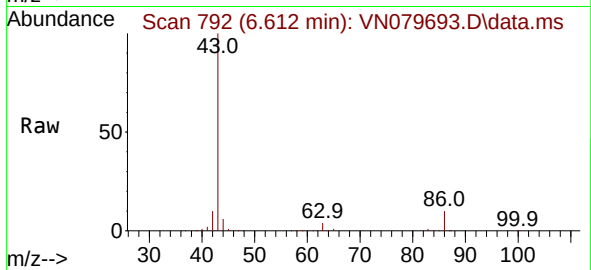
#23
 Vinyl Acetate
 Concen: 92.468 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079693.D
 Acq: 26 Oct 2023 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS01

Tgt Ion: 43 Resp: 54876
 Ion Ratio Lower Upper
 43 100
 86 10.3 13.0 19.6

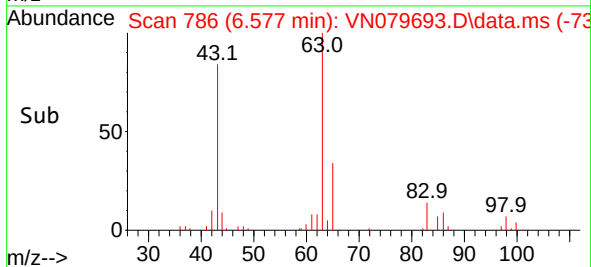
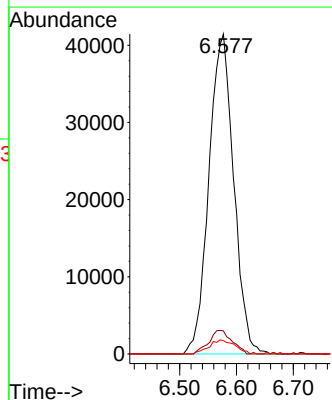
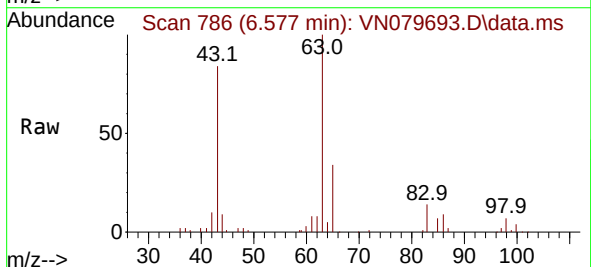
Manual Integrations
 APPROVED

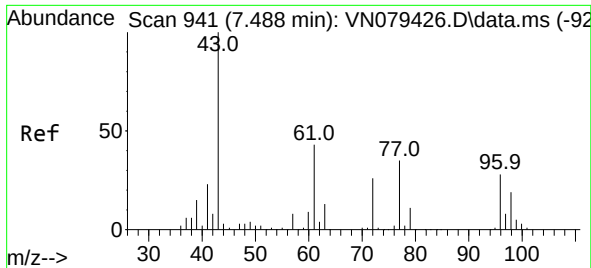
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023



#24
 1,1-Dichloroethane
 Concen: 19.426 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN079693.D
 Acq: 26 Oct 2023 12:04

Tgt Ion: 63 Resp: 125436
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.2 2.5 7.4





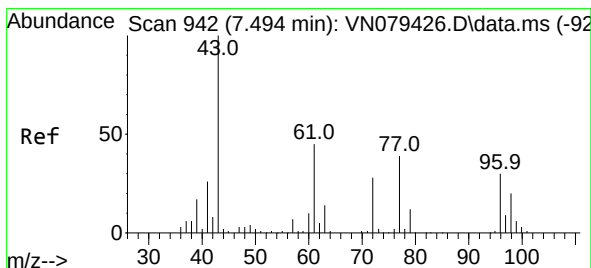
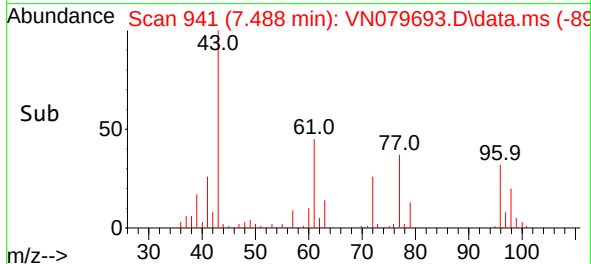
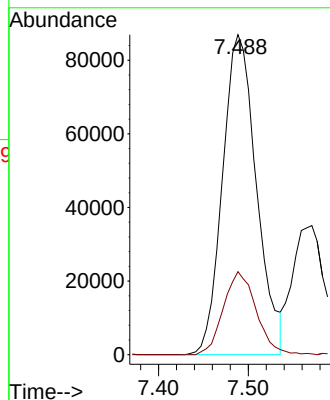
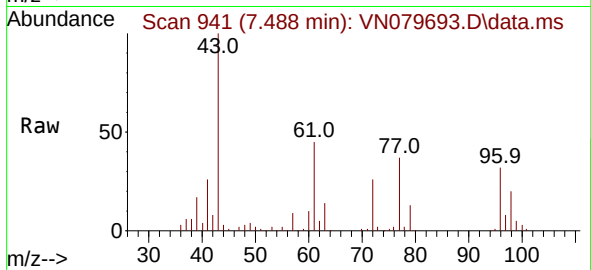
#25
2-Butanone
Concen: 96.986 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion: 43 Resp: 228440
Ion Ratio Lower Upper
43 100
72 25.9 30.2 45.2

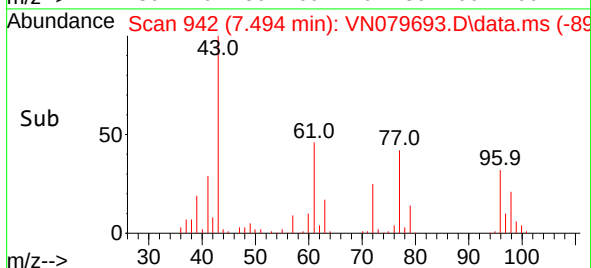
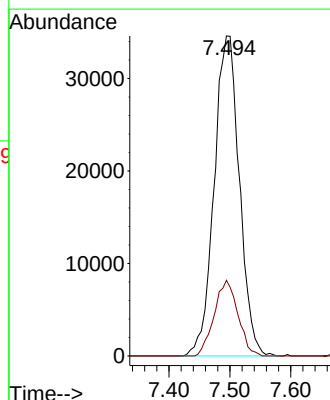
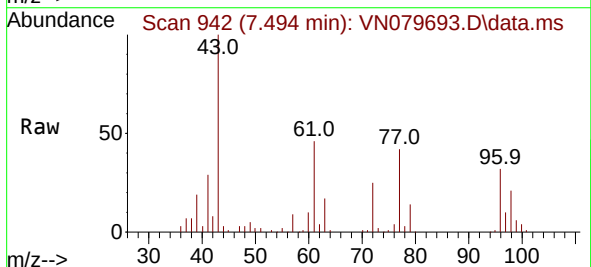
Manual Integrations
APPROVED

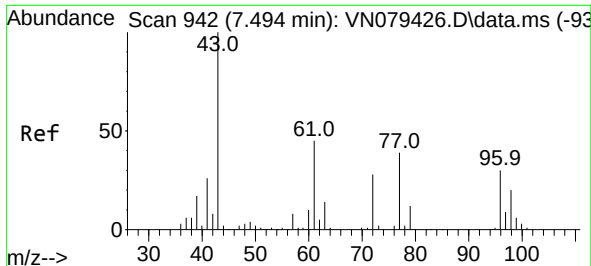
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#26
2,2-Dichloropropane
Concen: 20.163 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion: 77 Resp: 99497
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6





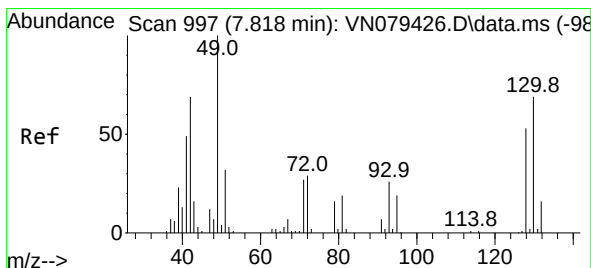
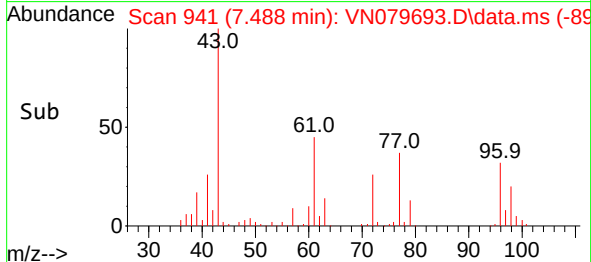
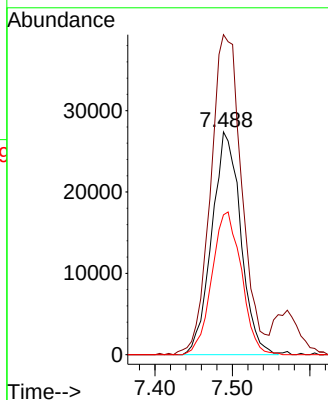
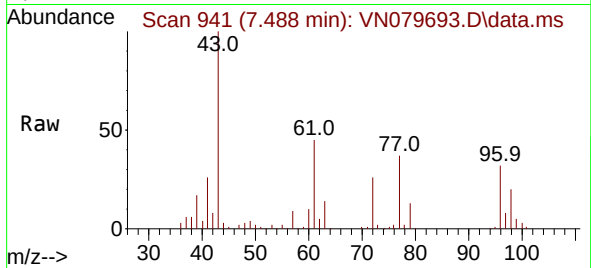
#27
cis-1,2-Dichloroethene
Concen: 19.198 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion: 96 Resp: 7102
Ion Ratio Lower Upper
96 100
61 155.3 0.0 255.2
98 65.5 0.0 128.8

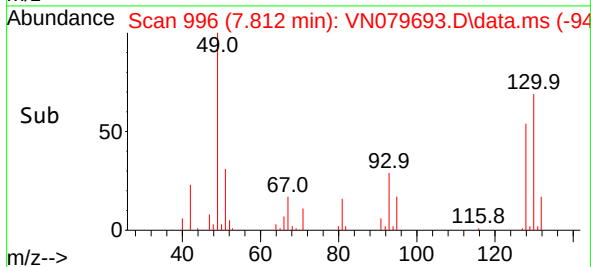
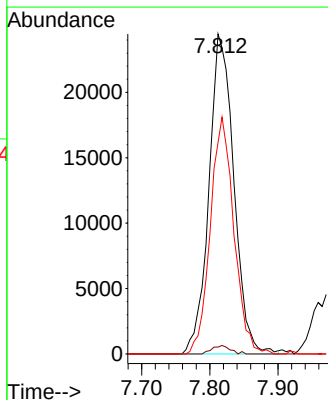
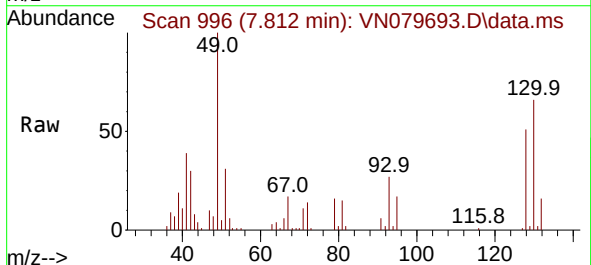
Manual Integrations
APPROVED

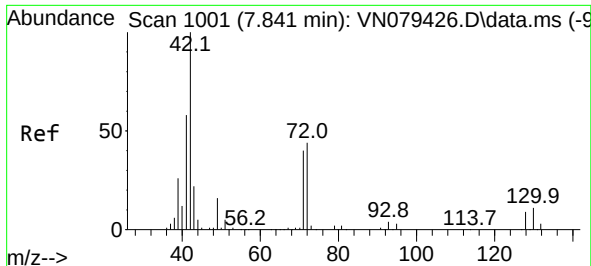
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#28
Bromochloromethane
Concen: 20.250 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion: 49 Resp: 62213
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.8
130 69.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 94.318 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 42 Resp: 14368

Ion Ratio Lower Upper

42 100

72 42.9 49.8 74.6

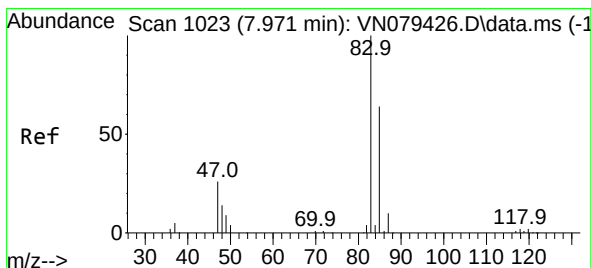
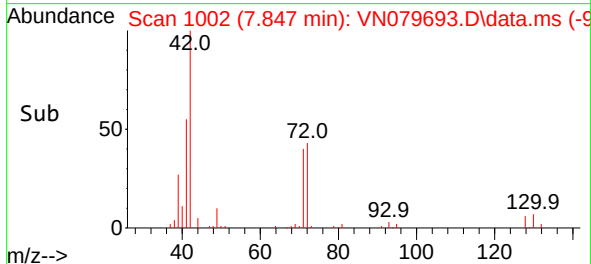
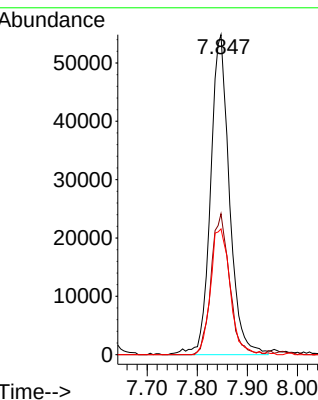
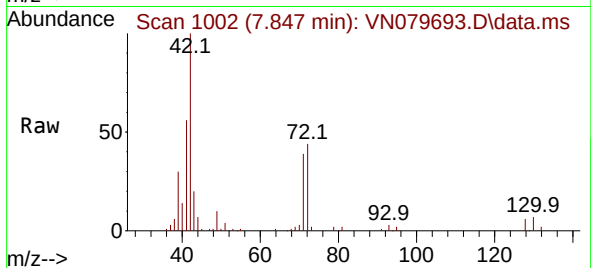
71 40.6 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#30

Chloroform

Concen: 20.141 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079693.D

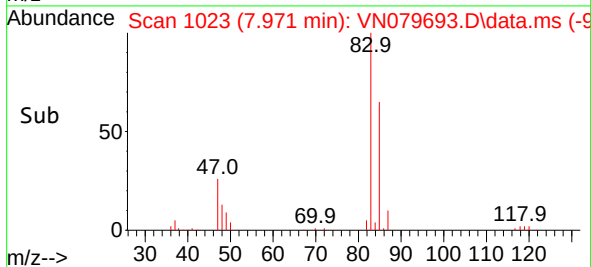
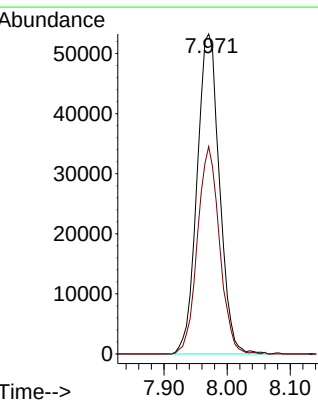
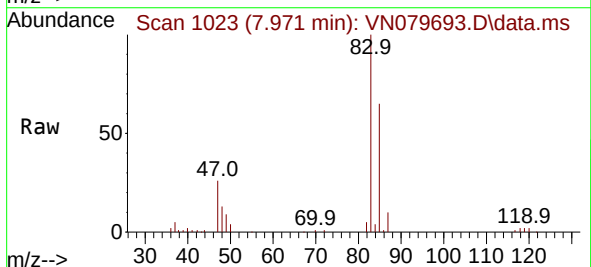
Acq: 26 Oct 2023 12:04

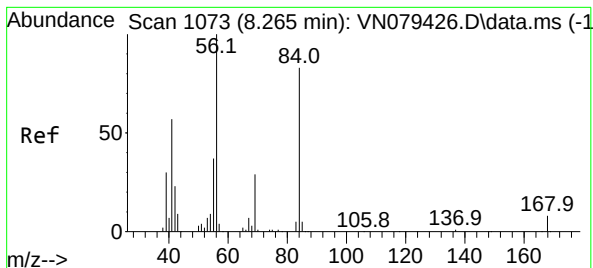
Tgt Ion: 83 Resp: 131399

Ion Ratio Lower Upper

83 100

85 64.8 55.4 83.0





#31

Cyclohexane

Concen: 17.429 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 56 Resp: 9892

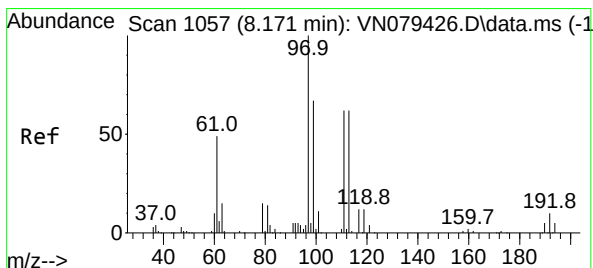
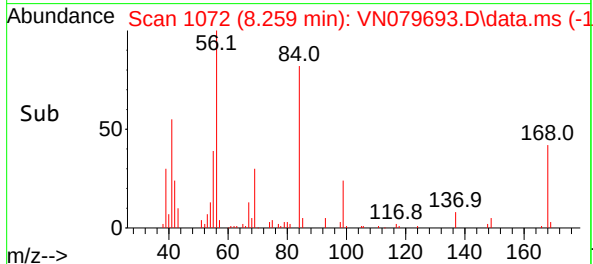
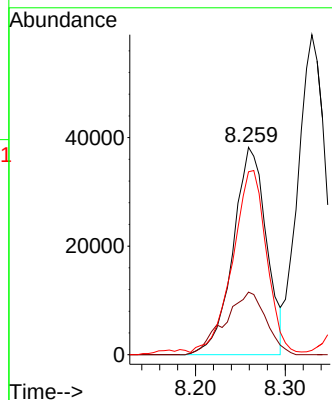
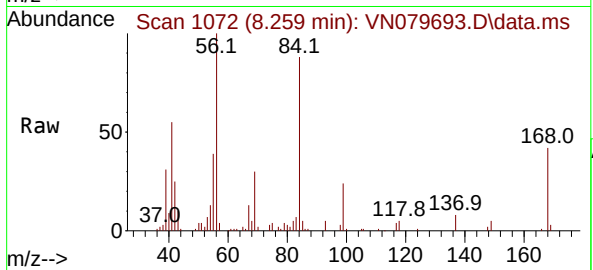
Ion	Ratio	Lower	Upper
56	100		
69	30.2	26.8	40.2
84	85.7	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#32

1,1,1-Trichloroethane

Concen: 20.055 ug/l

RT: 8.171 min Scan# 1057

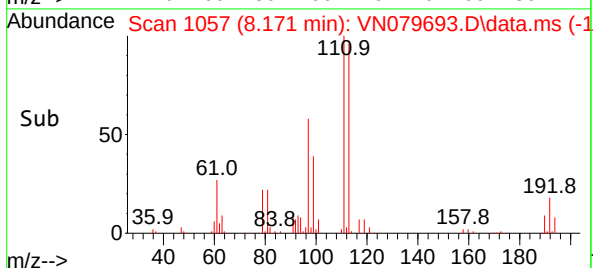
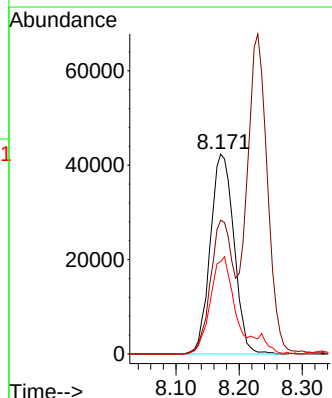
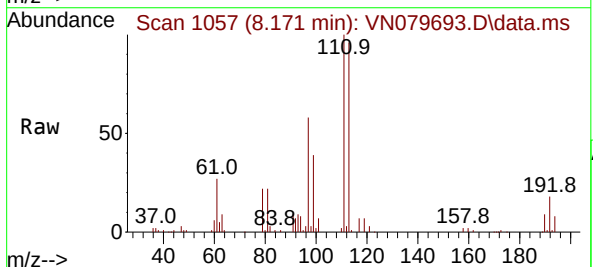
Delta R.T. 0.000 min

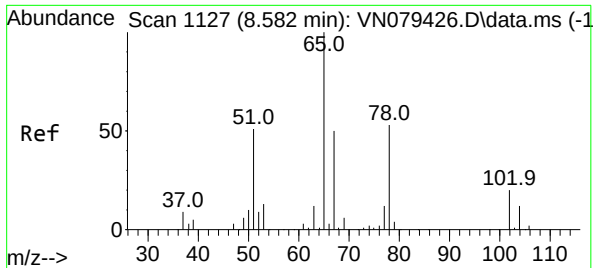
Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Tgt Ion: 97 Resp: 110112

Ion	Ratio	Lower	Upper
97	100		
99	62.0	50.3	75.5
61	54.9	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 52.150 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 65 Resp: 20866

Ion Ratio Lower Upper

65 100

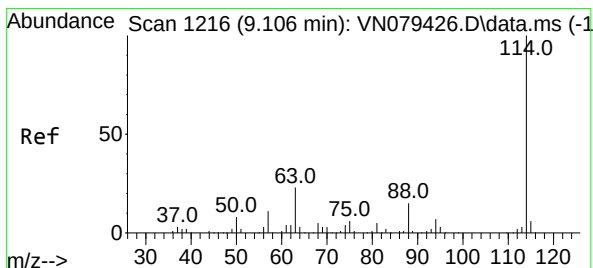
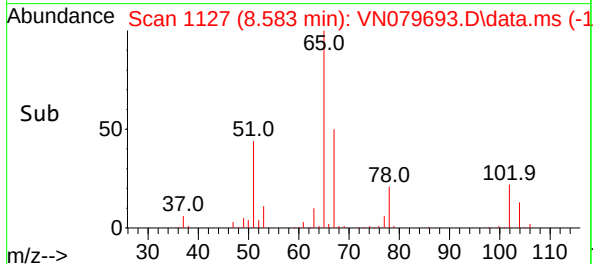
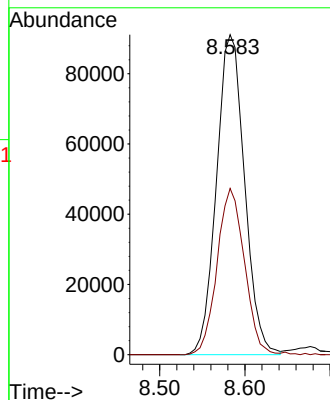
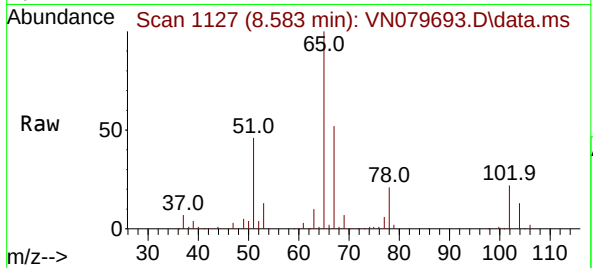
67 50.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

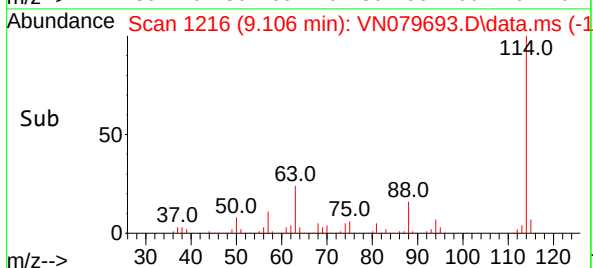
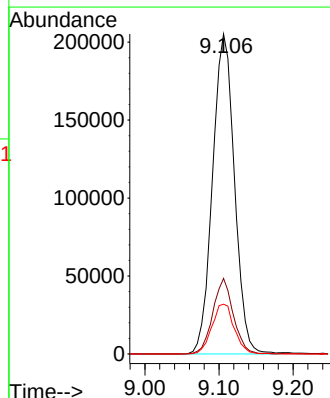
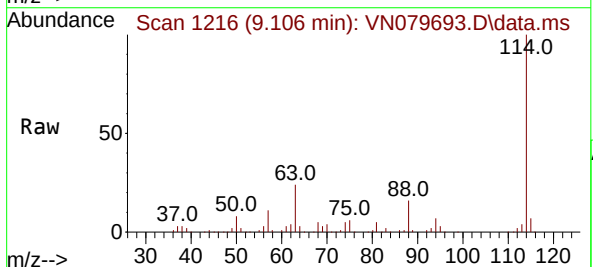
Tgt Ion:114 Resp: 421927

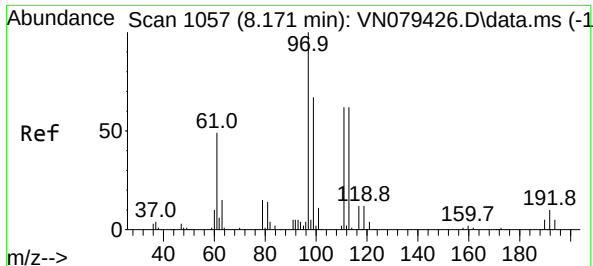
Ion Ratio Lower Upper

114 100

63 23.6 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.532 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion:113 Resp: 16534

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

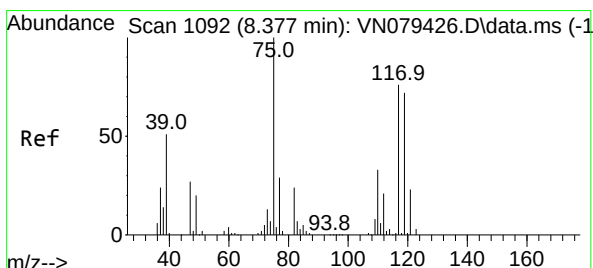
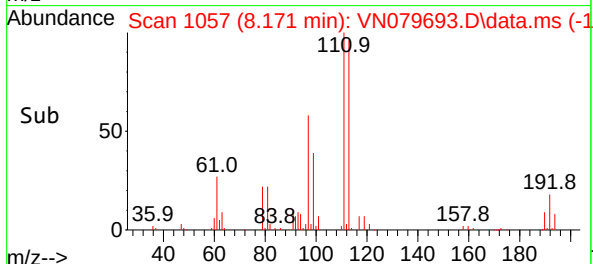
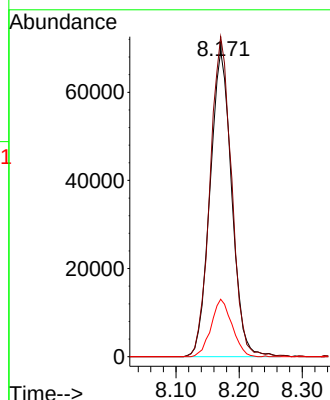
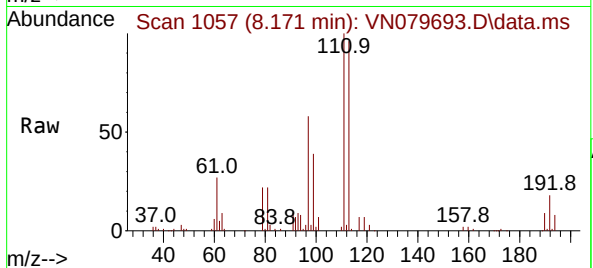
192 18.1 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#36

1,1-Dichloropropene

Concen: 19.712 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

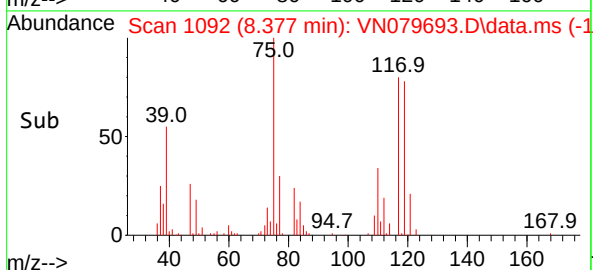
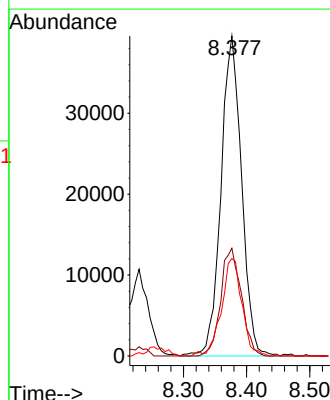
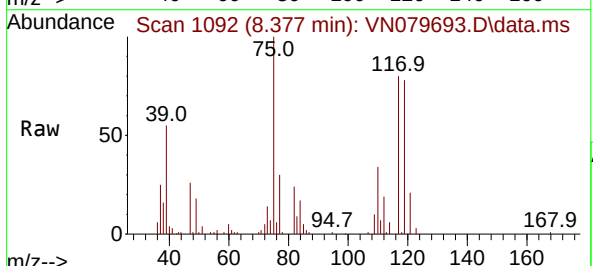
Tgt Ion: 75 Resp: 89706

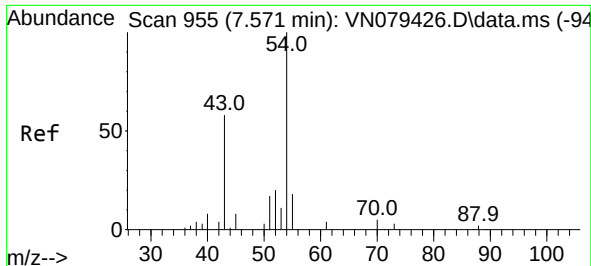
Ion Ratio Lower Upper

75 100

110 33.7 19.1 57.3

77 30.2 25.0 37.4





#37

Ethyl Acetate

Concen: 20.693 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 43 Resp: 9370

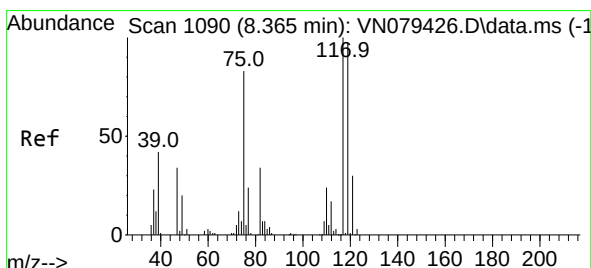
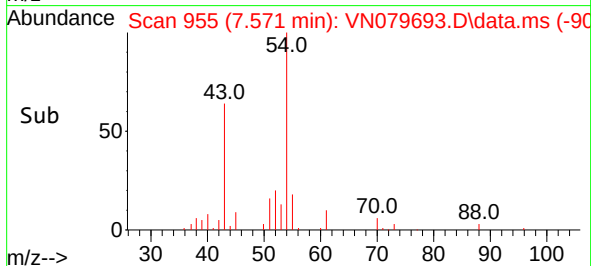
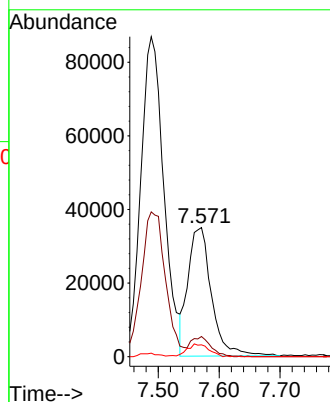
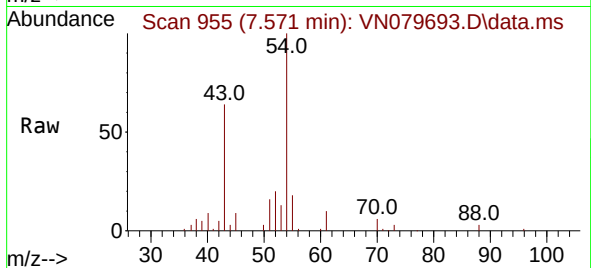
Ion	Ratio	Lower	Upper
43	100		
61	12.8	13.2	19.8
70	9.2	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#38

Carbon Tetrachloride

Concen: 20.730 ug/l

RT: 8.365 min Scan# 1090

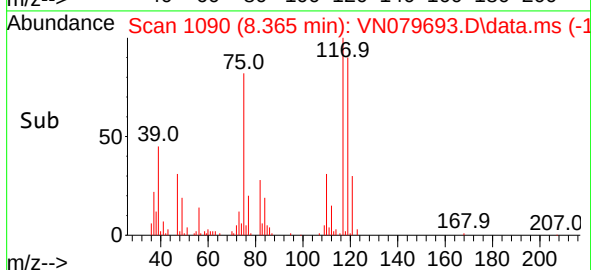
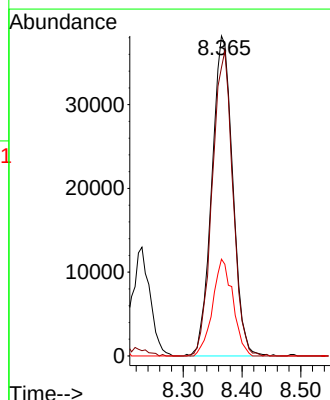
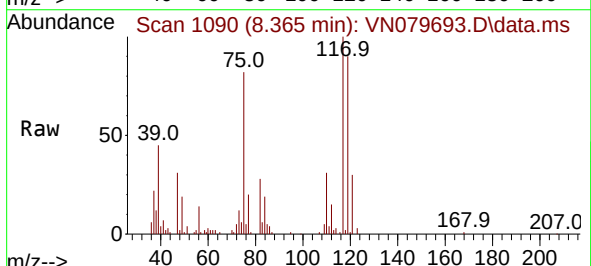
Delta R.T. 0.000 min

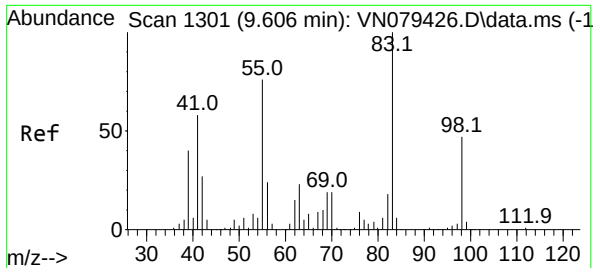
Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Tgt Ion:117 Resp: 94441

Ion	Ratio	Lower	Upper
117	100		
119	90.1	77.3	115.9
121	30.3	23.3	34.9





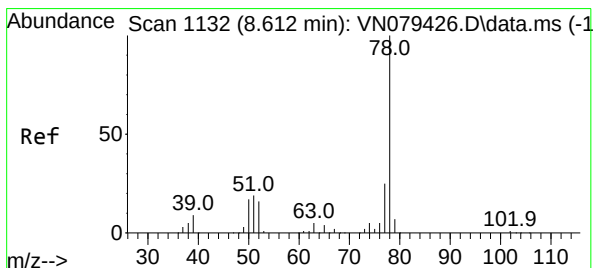
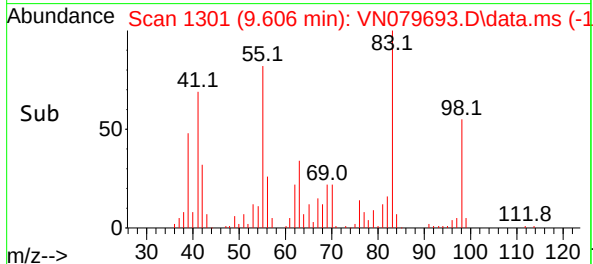
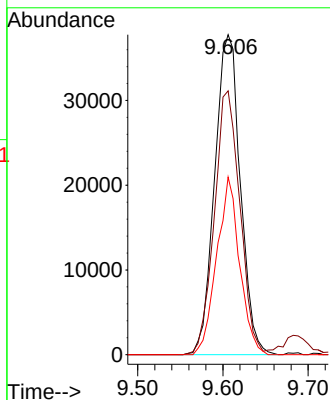
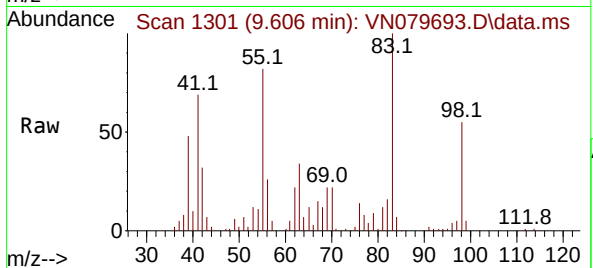
#39
Methylcyclohexane
Concen: 18.083 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion: 83 Resp: 7906
Ion Ratio Lower Upper
83 100
55 82.4 49.1 73.7
98 55.5 40.6 61.0

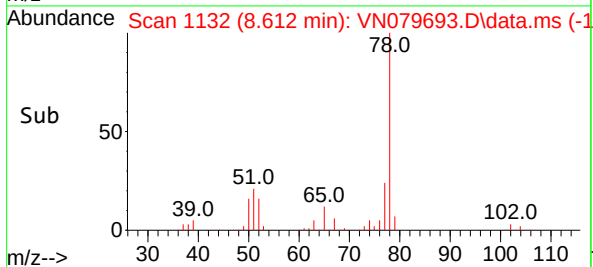
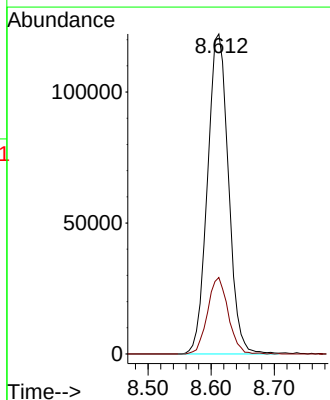
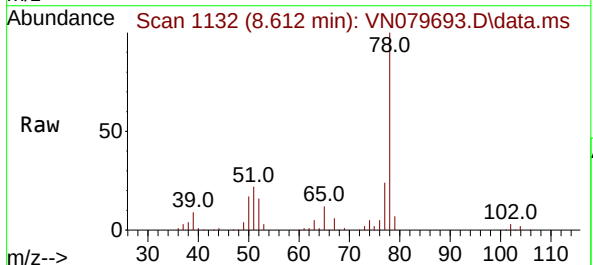
Manual Integrations
APPROVED

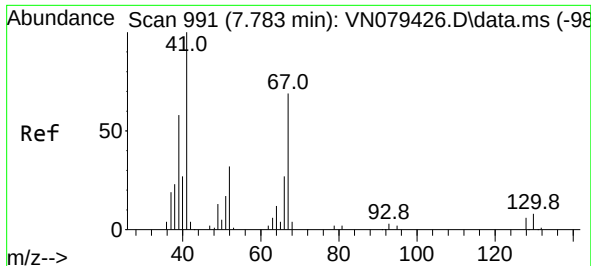
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#40
Benzene
Concen: 20.836 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

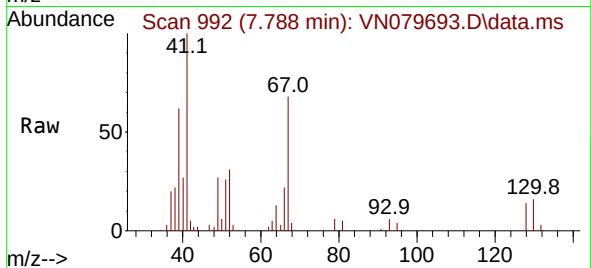
Tgt Ion: 78 Resp: 281599
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 20.335 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

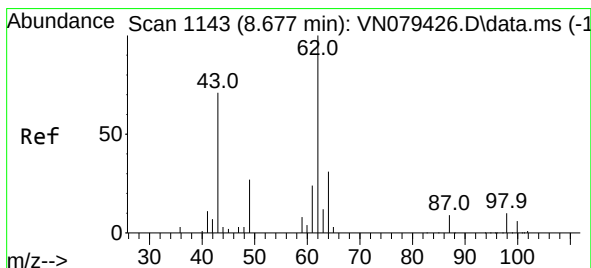
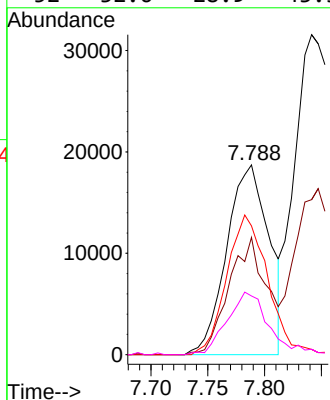
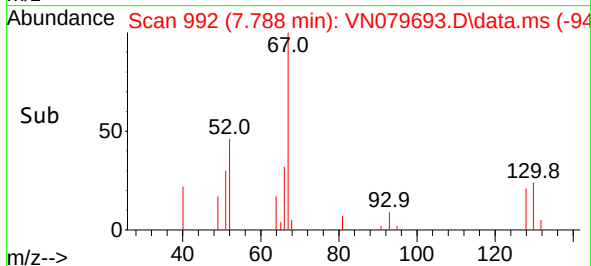
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



Tgt Ion: 41 Resp: 48409
Ion Ratio Lower Upper
41 100
39 55.4 42.6 64.0
67 71.7 77.5 116.3
52 32.6 28.9 43.3

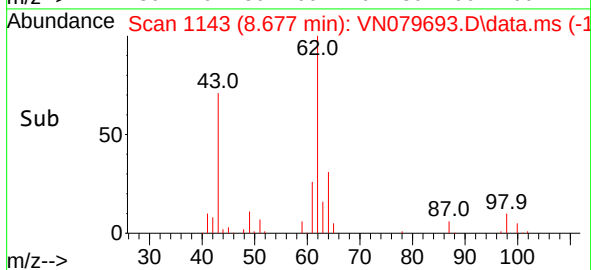
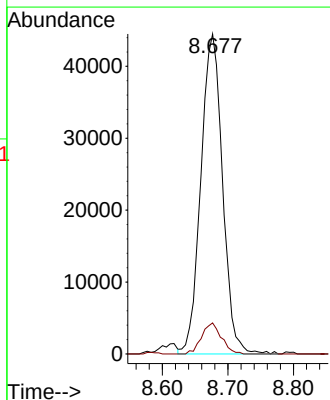
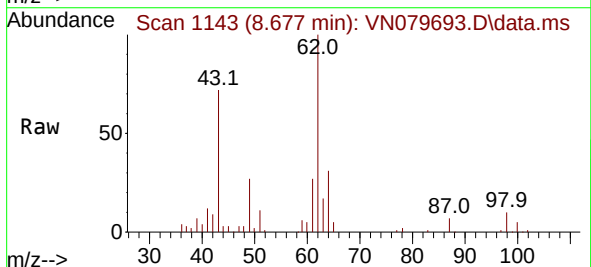
Manual Integrations
APPROVED

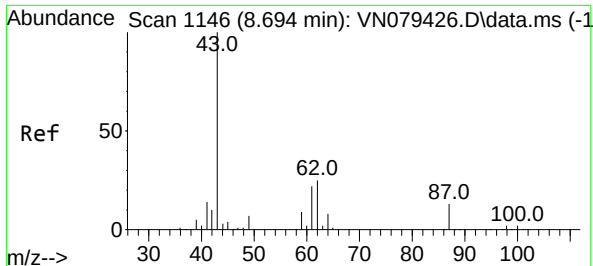
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#42
1,2-Dichloroethane
Concen: 20.881 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion: 62 Resp: 102546
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.554 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 43 Resp: 14719

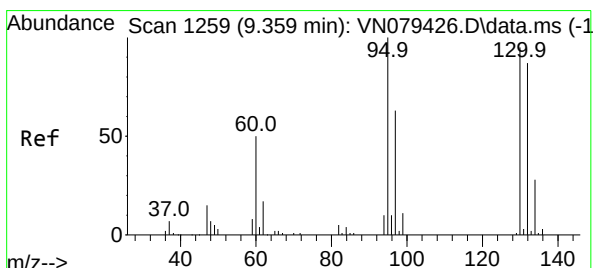
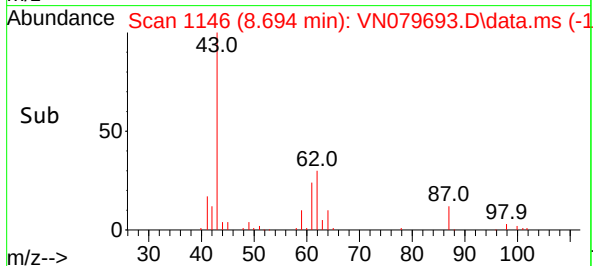
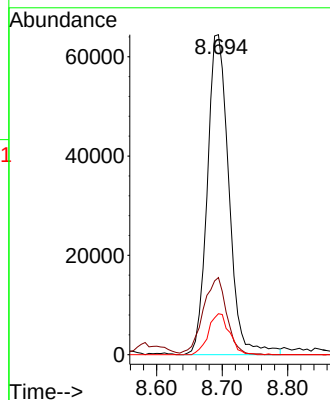
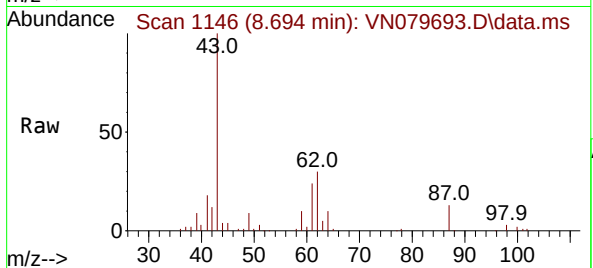
Ion	Ratio	Lower	Upper
43	100		
61	26.3	24.7	37.1
87	12.5	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#44

Trichloroethene

Concen: 20.568 ug/l

RT: 9.359 min Scan# 1259

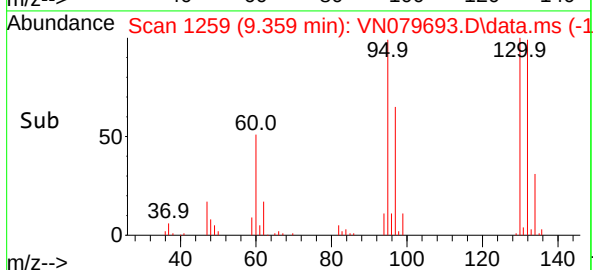
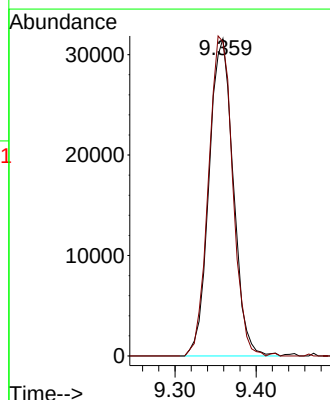
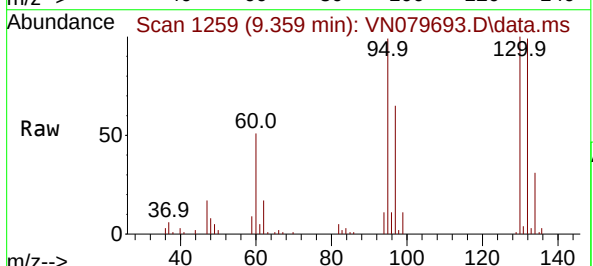
Delta R.T. 0.000 min

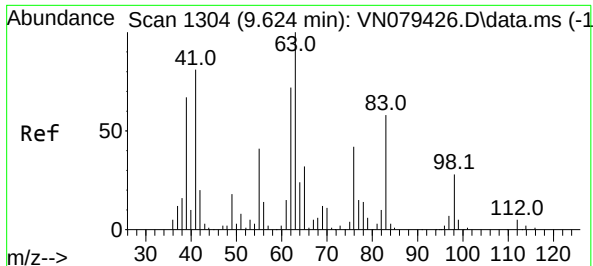
Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Tgt Ion:130 Resp: 65427

Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	204.6





#45

1,2-Dichloropropane

Concen: 20.986 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 63 Resp: 74728

Ion Ratio Lower Upper

63 100

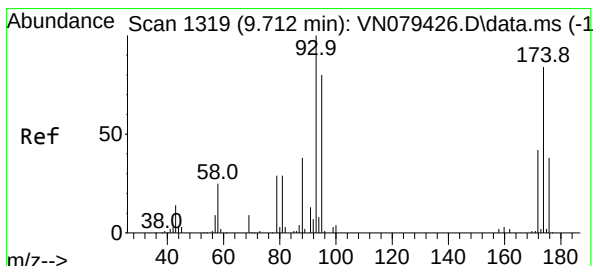
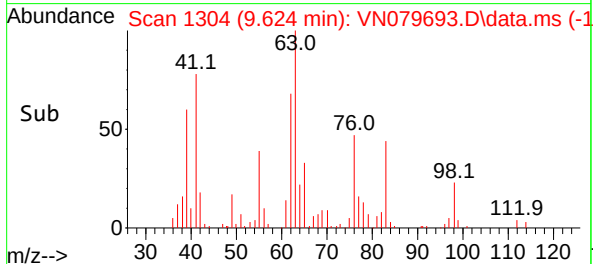
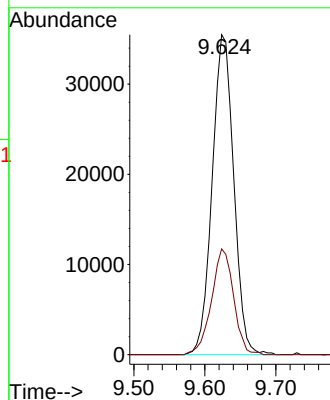
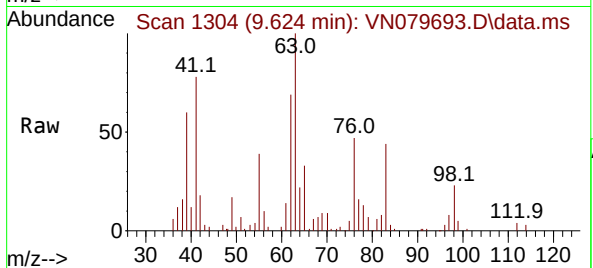
65 33.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#46

Dibromomethane

Concen: 20.959 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

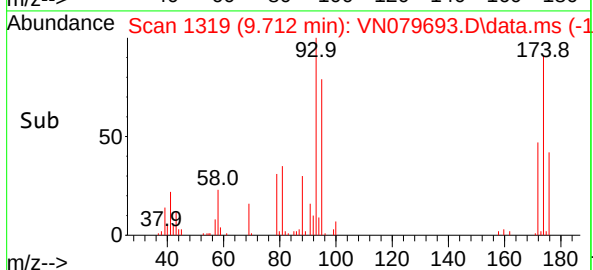
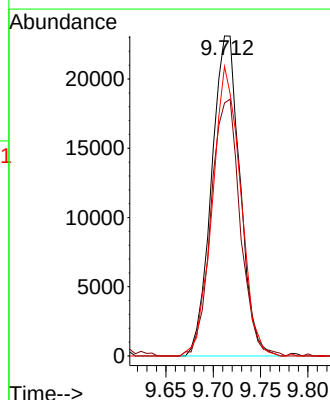
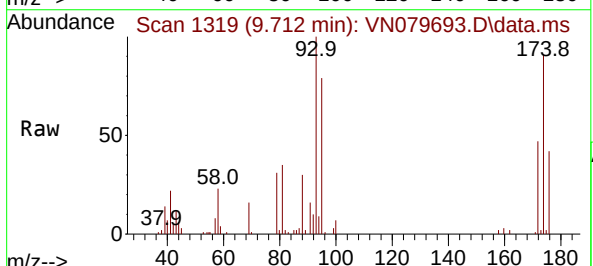
Tgt Ion: 93 Resp: 48338

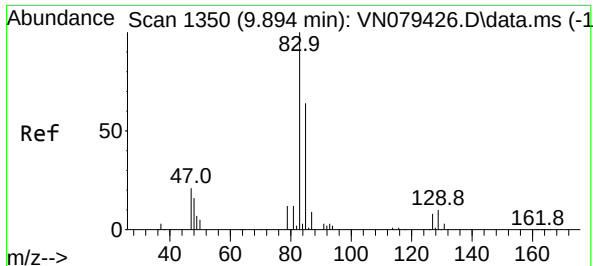
Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

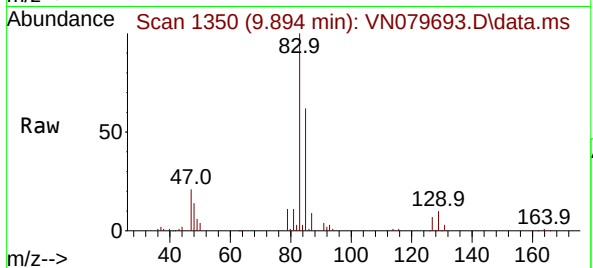
174 89.4 65.6 98.4





#47
Bromodichloromethane
Concen: 21.432 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

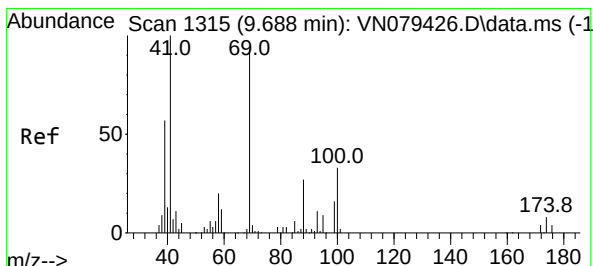
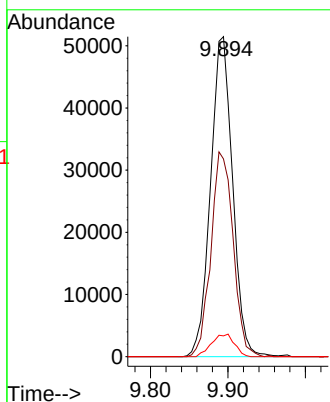
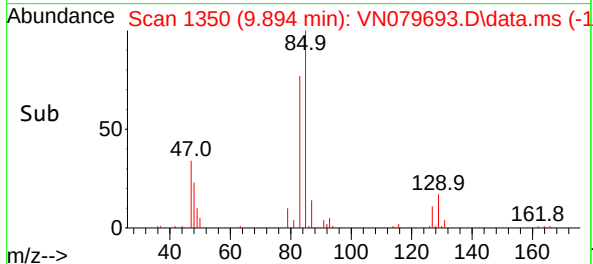
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



Tgt Ion: 83 Resp: 101670
Ion Ratio Lower Upper
83 100
85 61.8 49.6 74.4
127 6.5 7.0 10.6

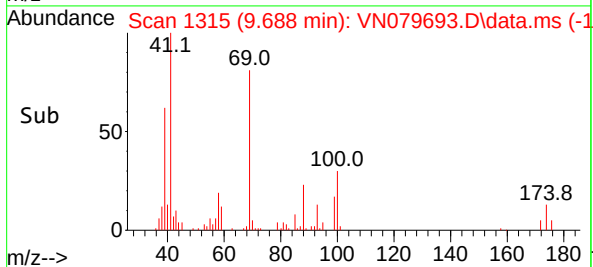
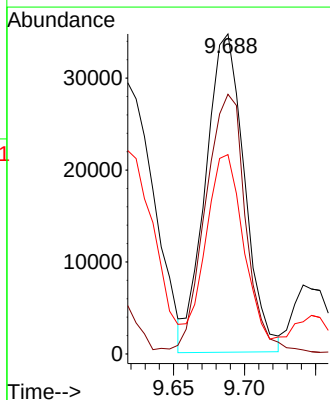
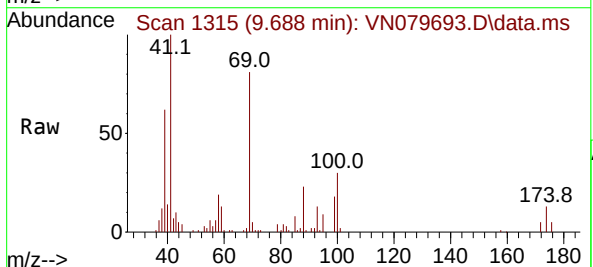
Manual Integrations
APPROVED

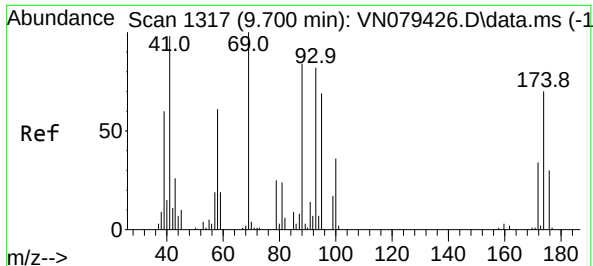
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#48
Methyl methacrylate
Concen: 19.409 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion: 41 Resp: 65982
Ion Ratio Lower Upper
41 100
69 84.1 90.4 135.6#
39 64.6 54.6 81.8





#49

1,4-Dioxane

Concen: 374.590 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 88 Resp: 23450

Ion Ratio Lower Upper

88 100

43 30.1 17.0 25.6

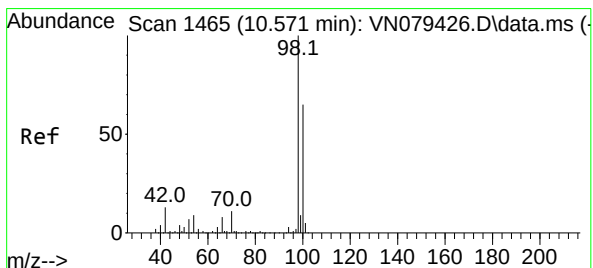
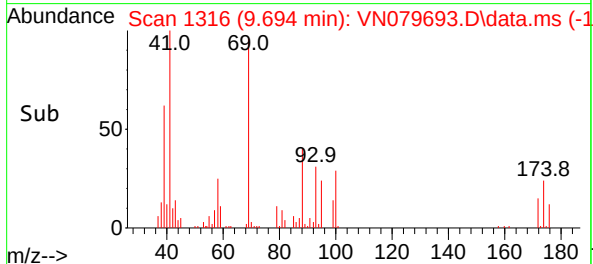
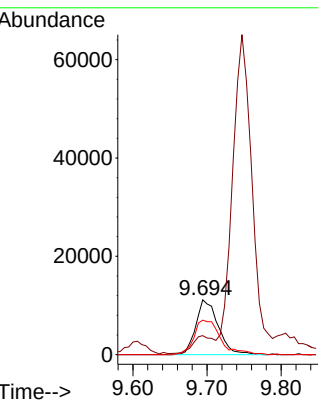
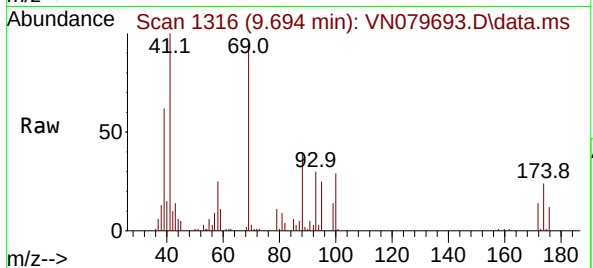
58 74.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#50

Toluene-d8

Concen: 53.863 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079693.D

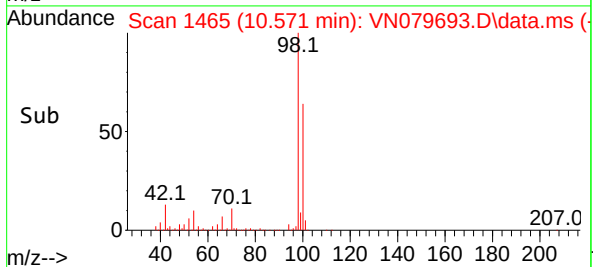
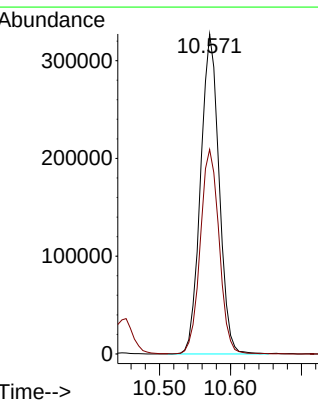
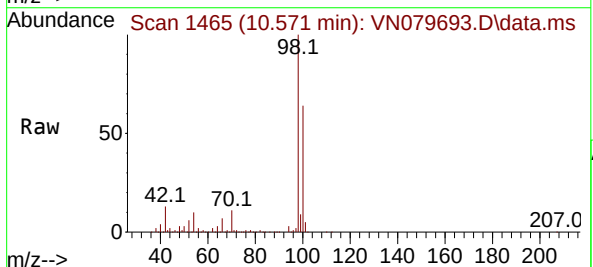
Acq: 26 Oct 2023 12:04

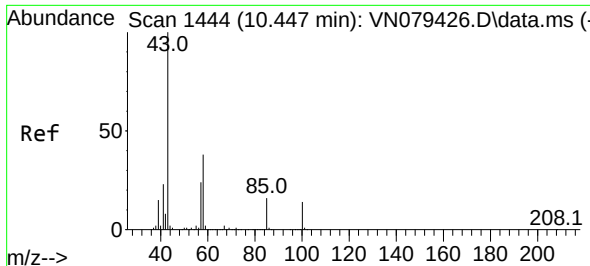
Tgt Ion: 98 Resp: 590931

Ion Ratio Lower Upper

98 100

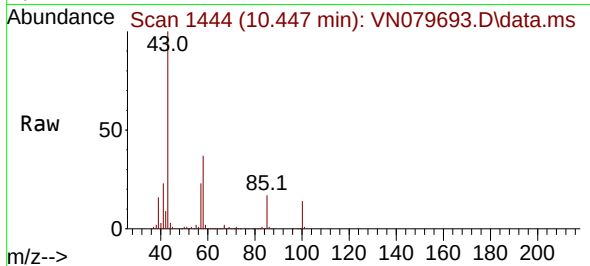
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 103.467 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

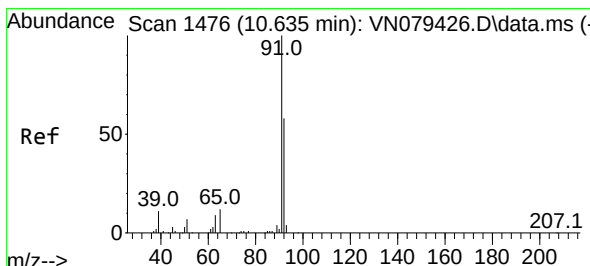
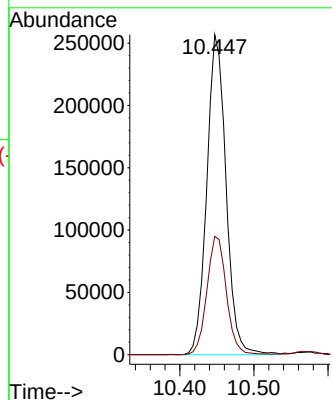
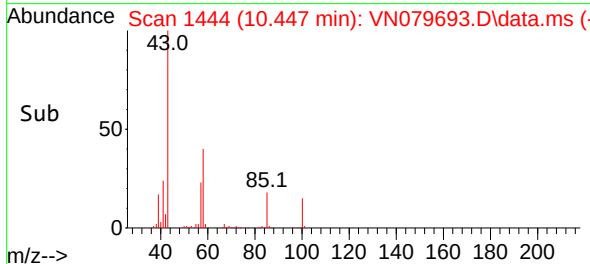
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



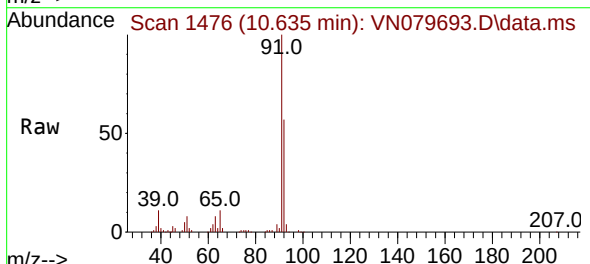
Tgt Ion: 43 Resp: 463350
Ion Ratio Lower Upper
43 100
58 37.4 36.6 54.8

Manual Integrations
APPROVED

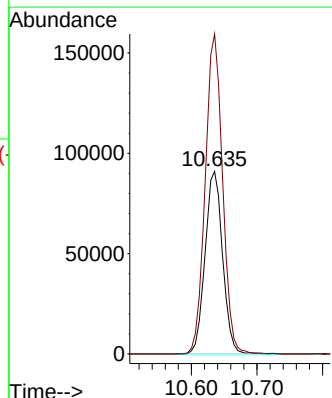
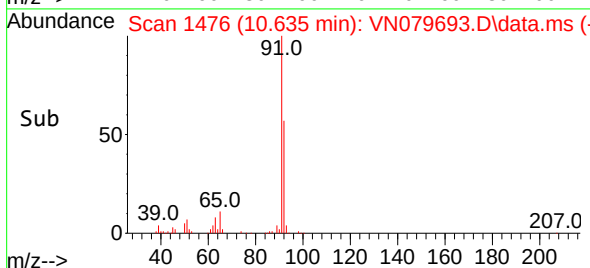
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

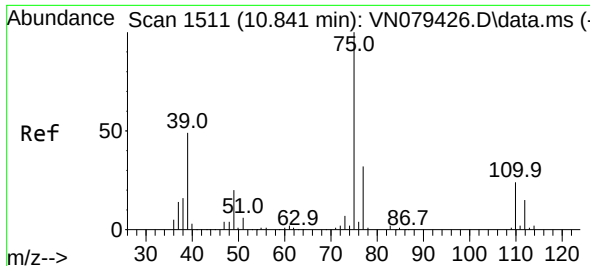


#52
Toluene
Concen: 21.263 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04



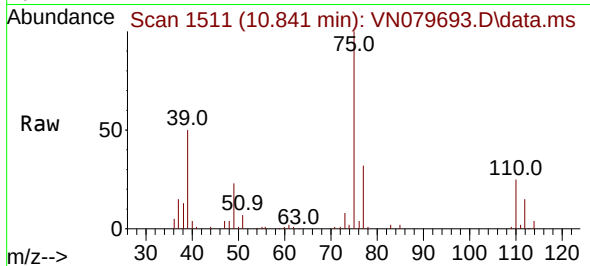
Tgt Ion: 92 Resp: 169160
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.419 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

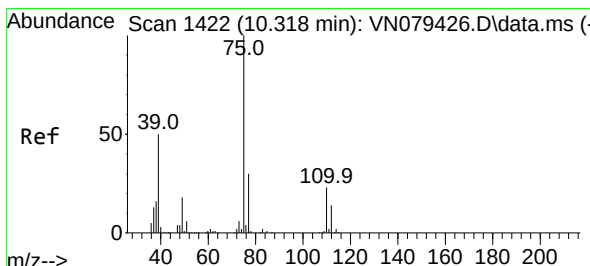
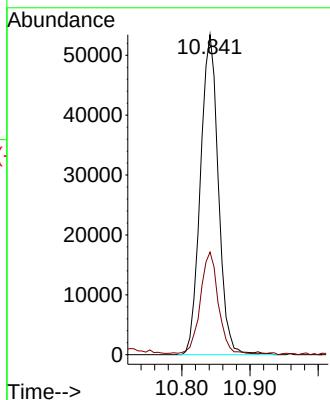
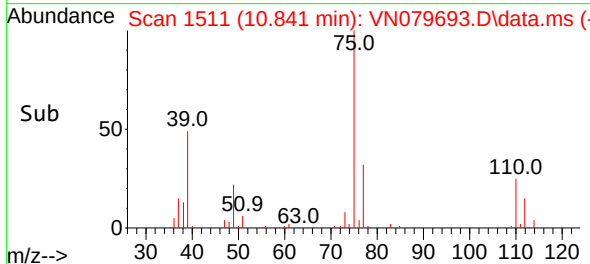
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



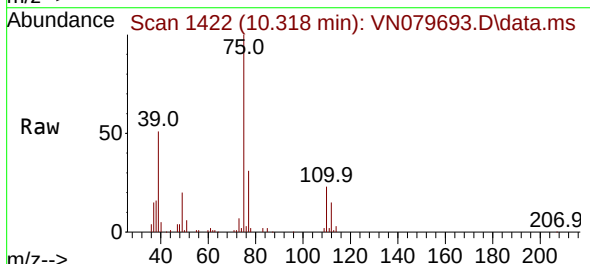
Tgt Ion: 75 Resp: 9762
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

Manual Integrations
APPROVED

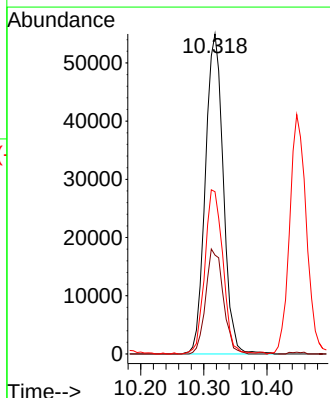
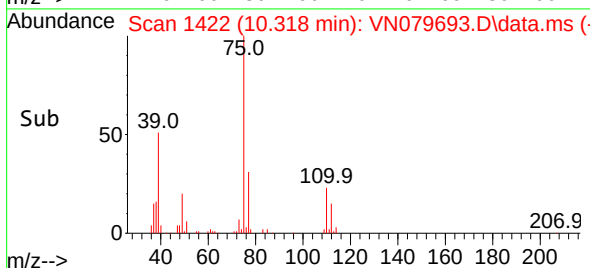
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

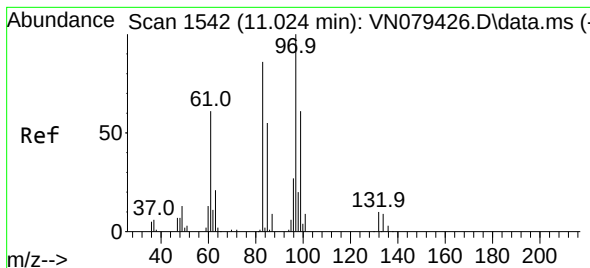


#54
cis-1,3-Dichloropropene
Concen: 20.719 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04



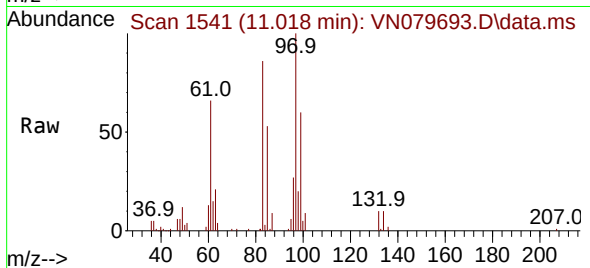
Tgt Ion: 75 Resp: 108433
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 50.7 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 22.043 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

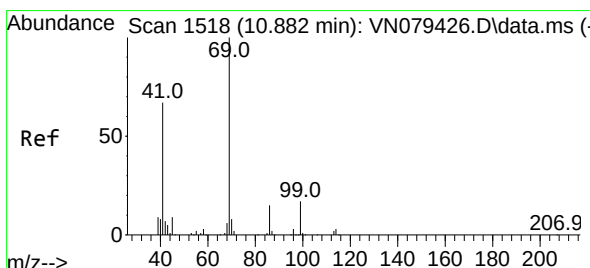
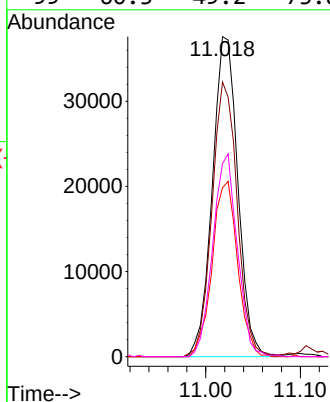
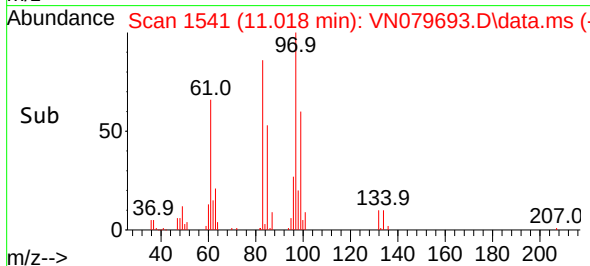
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



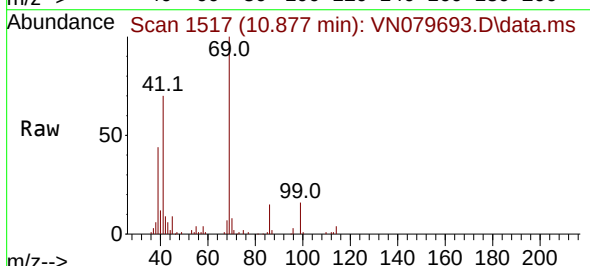
Tgt Ion:	97	Resp:	7040
Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.1	97.7
85	52.8	43.4	65.2
99	60.3	49.2	73.8

Manual Integrations
APPROVED

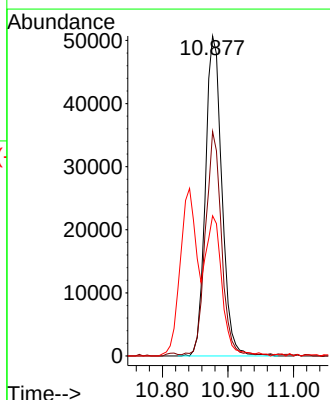
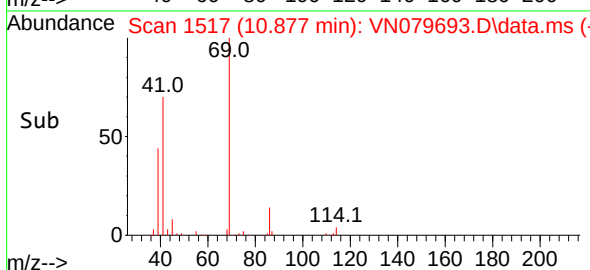
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

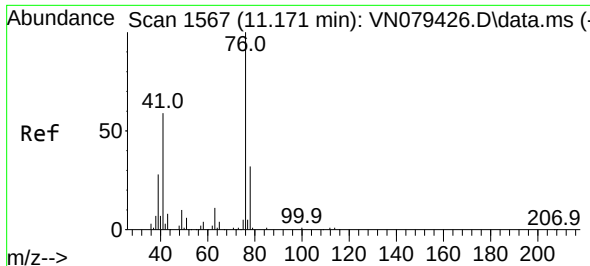


#56
Ethyl methacrylate
Concen: 20.139 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04



Tgt Ion:	69	Resp:	88383
Ion	Ratio	Lower	Upper
69	100		
41	67.0	39.6	59.4#
39	42.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 21.891 ug/l

RT: 11.171 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

Tgt Ion: 76 Resp: 120728

Ion Ratio Lower Upper

76 100

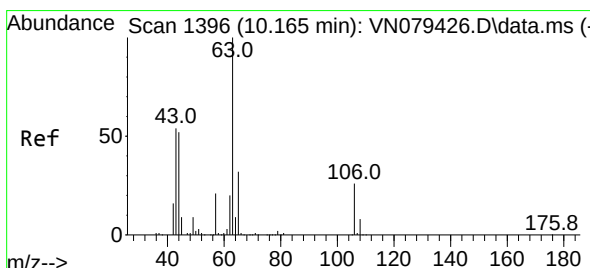
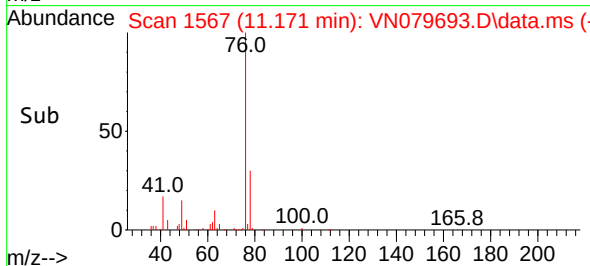
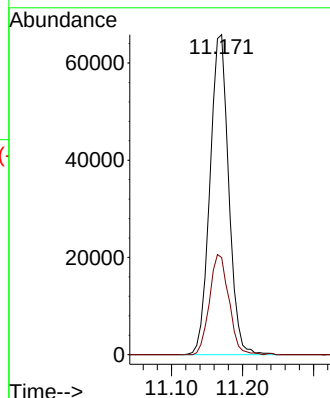
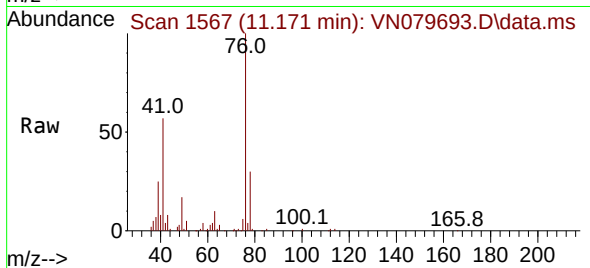
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 90.220 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079693.D

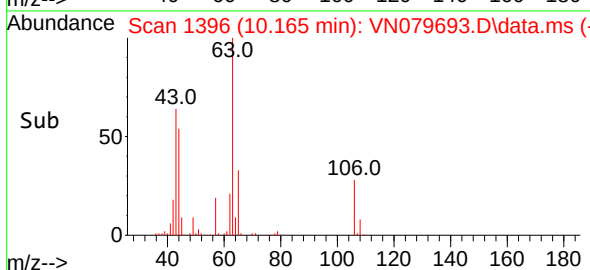
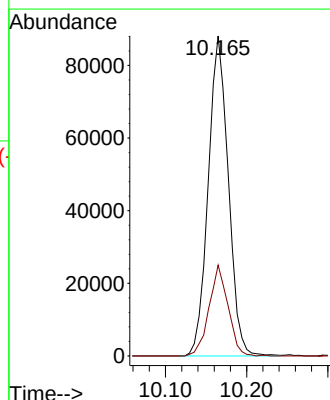
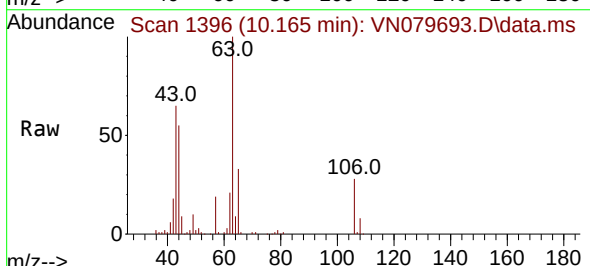
Acq: 26 Oct 2023 12:04

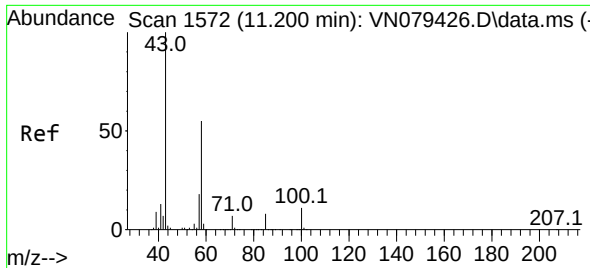
Tgt Ion: 63 Resp: 151636

Ion Ratio Lower Upper

63 100

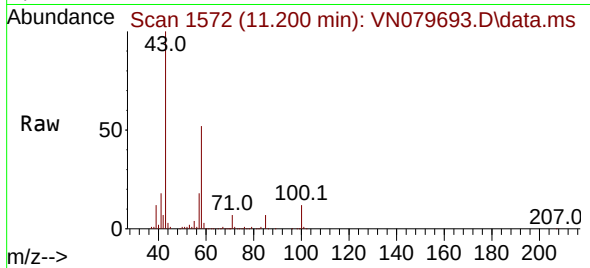
106 26.8 26.2 39.4





#59
2-Hexanone
Concen: 101.530 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

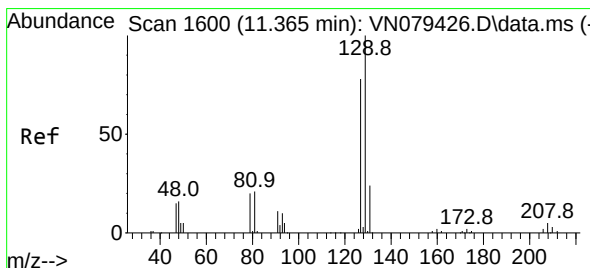
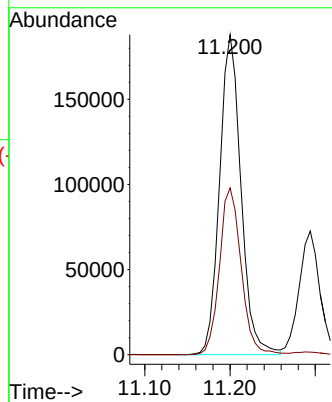
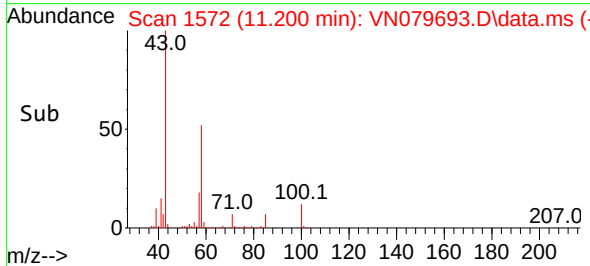
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



Tgt Ion: 43 Resp: 32810
Ion Ratio Lower Upper
43 100
58 52.7 31.7 95.1

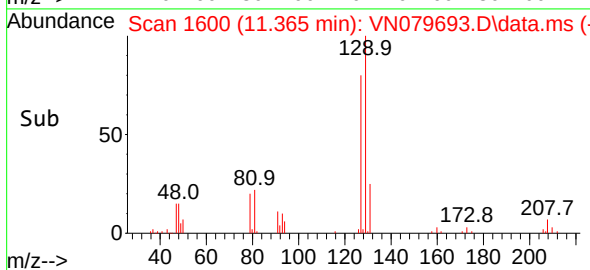
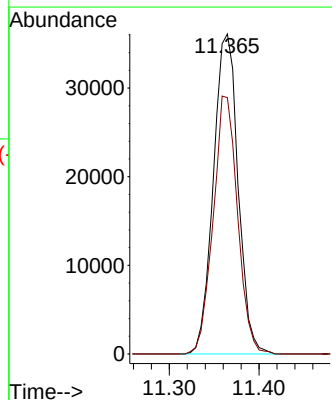
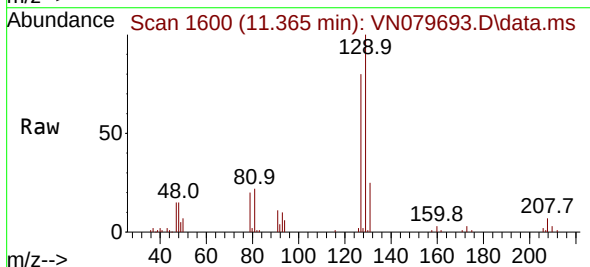
Manual Integrations
APPROVED

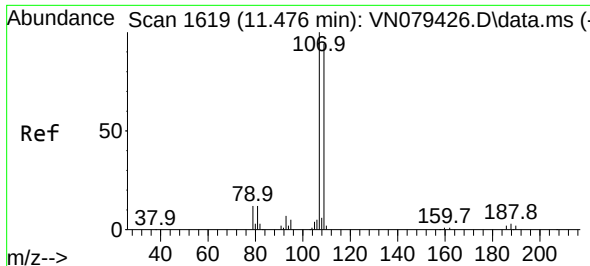
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#60
Dibromochloromethane
Concen: 21.499 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

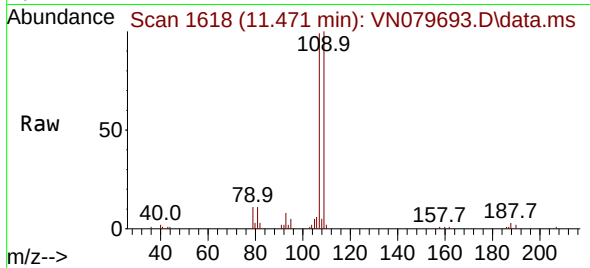
Tgt Ion:129 Resp: 69010
Ion Ratio Lower Upper
129 100
127 79.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.749 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

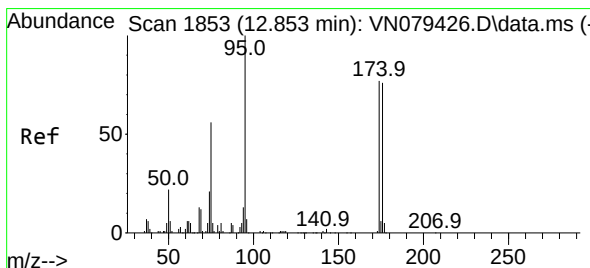
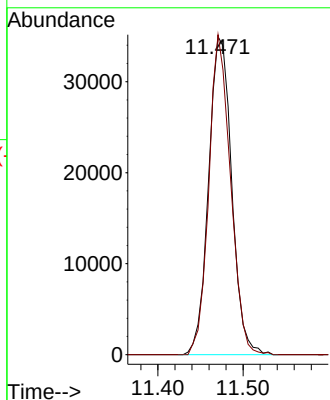
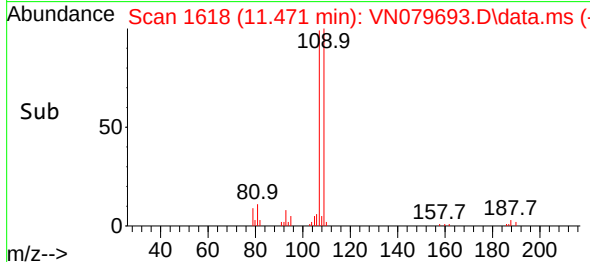
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



Tgt Ion:107 Resp: 6576
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8

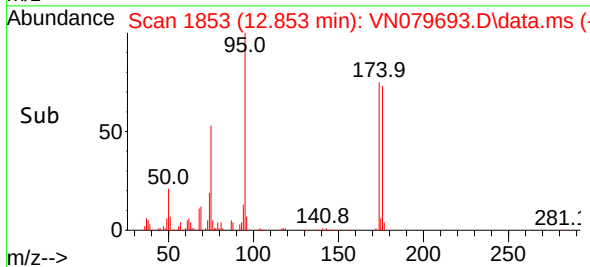
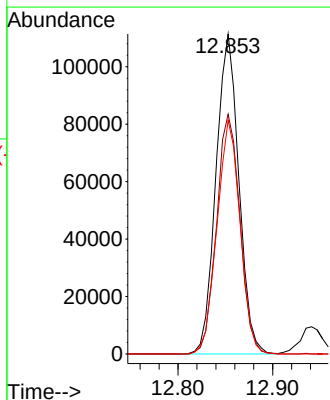
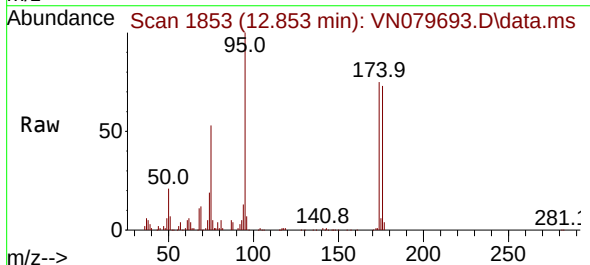
Manual Integrations
APPROVED

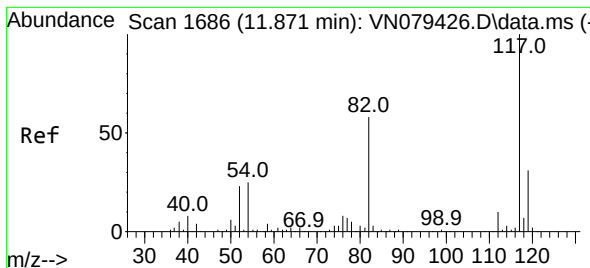
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#62
4-Bromofluorobenzene
Concen: 53.089 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

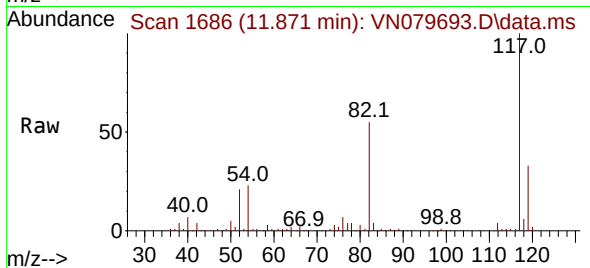
Tgt Ion: 95 Resp: 186919
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 73.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

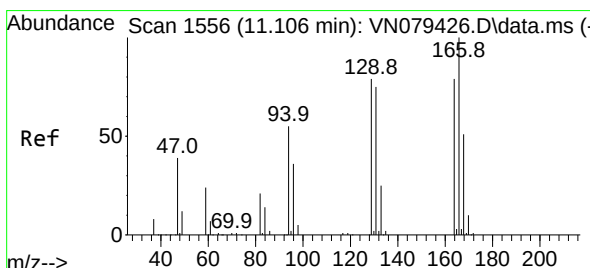
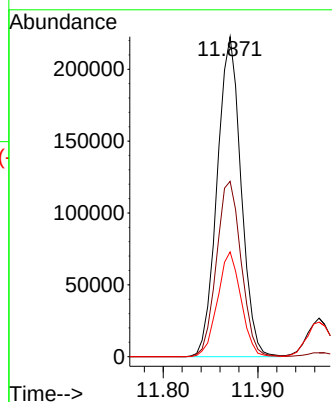
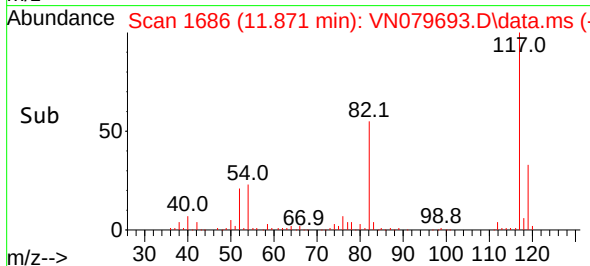
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



Tgt Ion:117 Resp: 390740
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 32.8 25.6 38.4

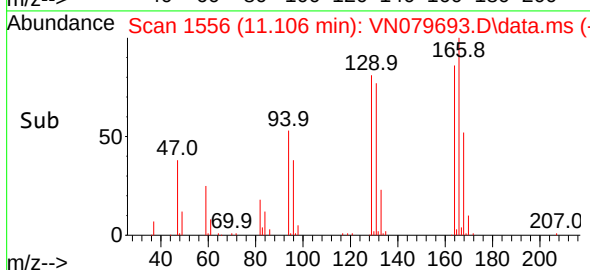
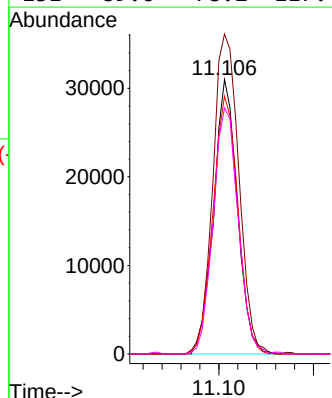
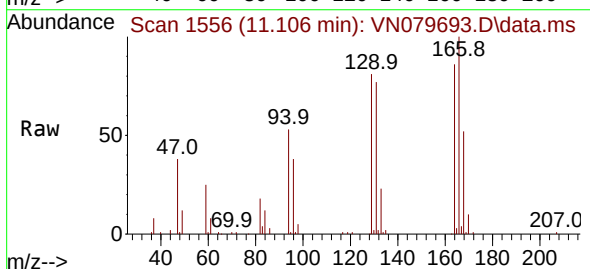
Manual Integrations
APPROVED

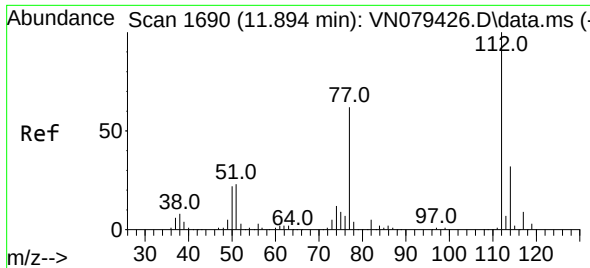
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#64
Tetrachloroethene
Concen: 20.114 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

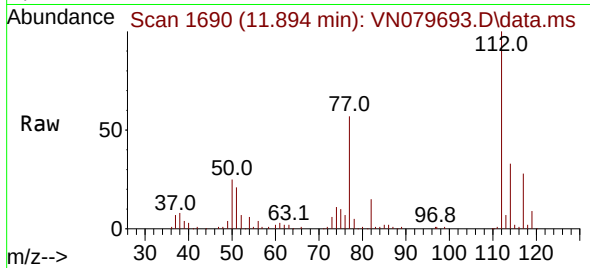
Tgt Ion:164 Resp: 54067
Ion Ratio Lower Upper
164 100
166 116.6 101.4 152.0
129 93.9 82.4 123.6
131 89.6 78.2 117.4





#65
Chlorobenzene
Concen: 19.339 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

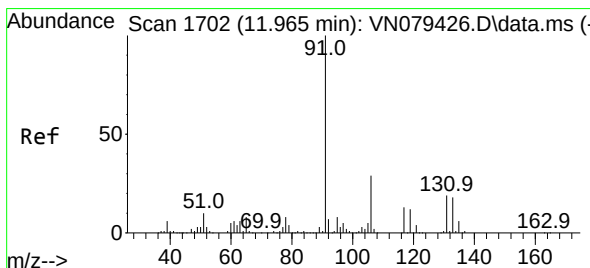
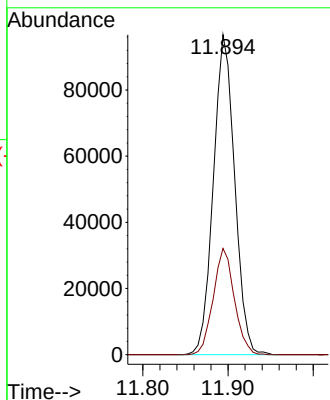
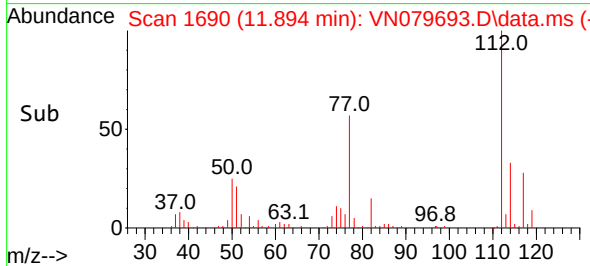
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



Tgt Ion:112 Resp: 168289
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.4

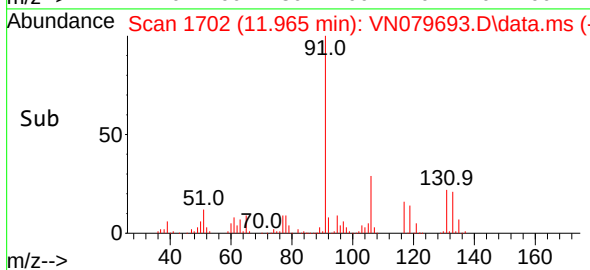
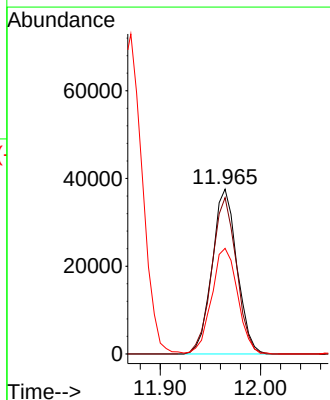
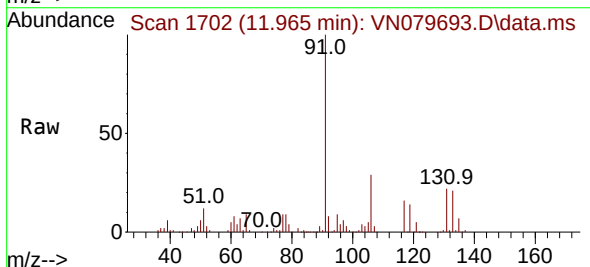
Manual Integrations
APPROVED

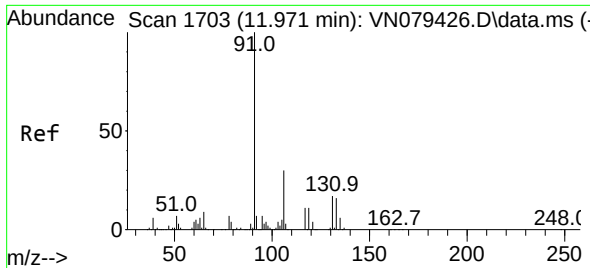
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.313 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion:131 Resp: 64722
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 67.2 34.1 102.2





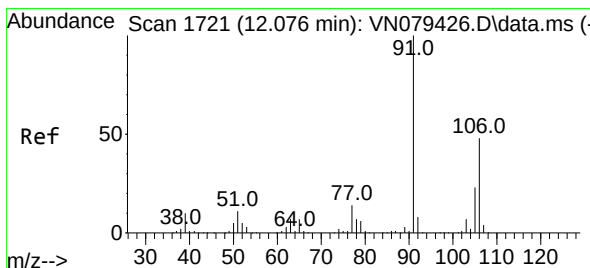
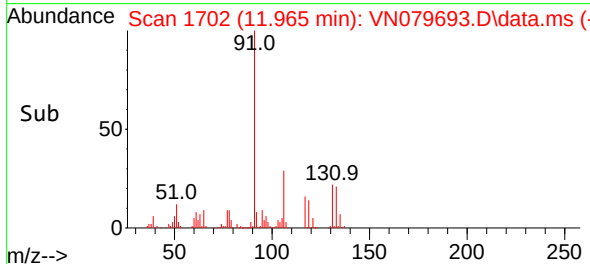
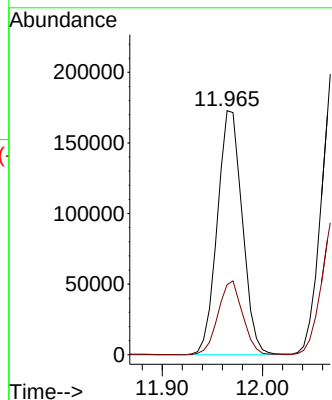
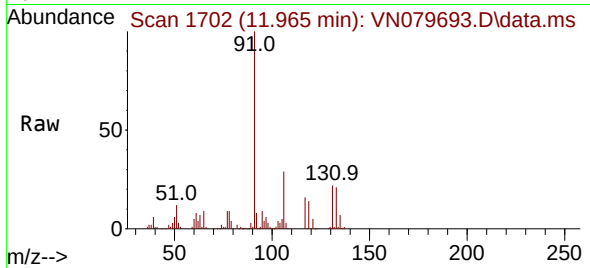
#67
Ethyl Benzene
Concen: 19.776 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion: 91 Resp: 299110
Ion Ratio Lower Upper
91 100
106 28.7 25.6 38.4

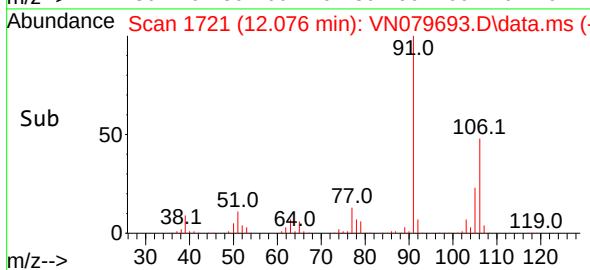
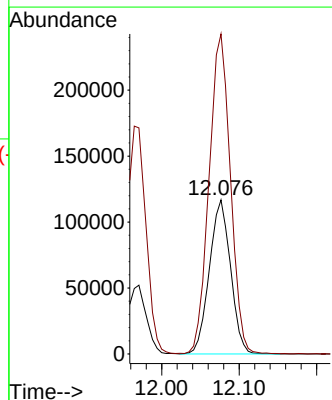
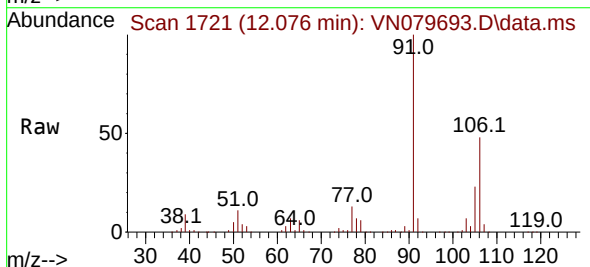
Manual Integrations
APPROVED

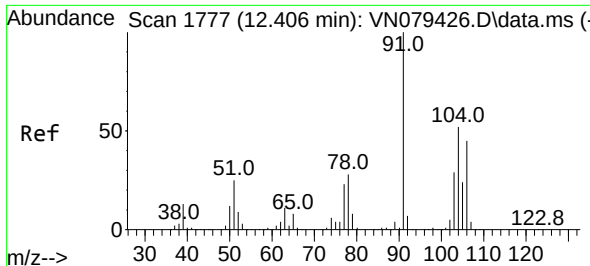
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#68
m/p-Xylenes
Concen: 40.319 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion:106 Resp: 221578
Ion Ratio Lower Upper
106 100
91 209.5 159.6 239.4





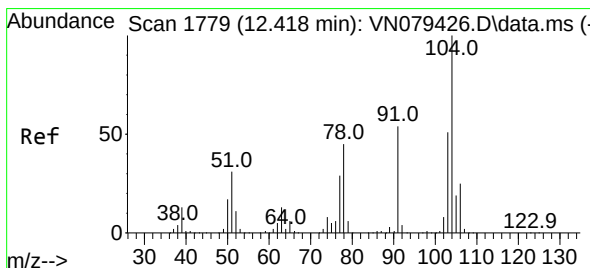
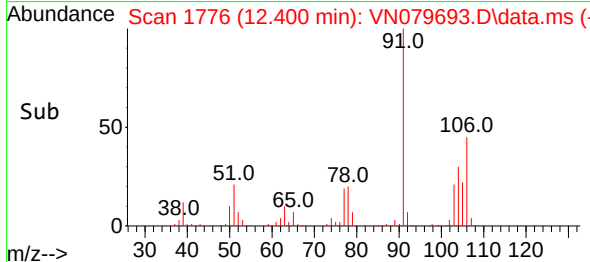
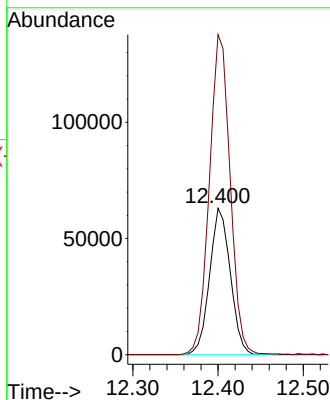
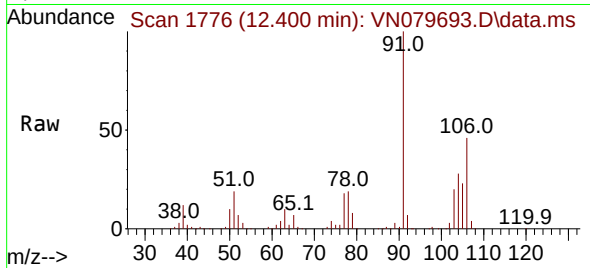
#69
o-Xylene
Concen: 19.673 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion:106 Resp: 10632
Ion Ratio Lower Upper
106 100
91 220.0 105.2 315.5

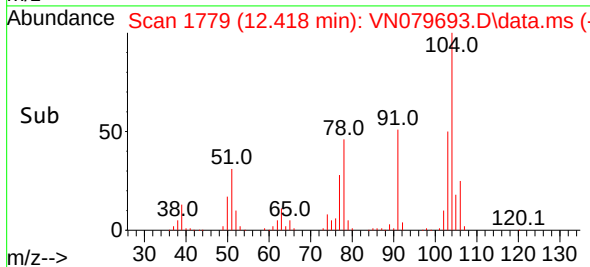
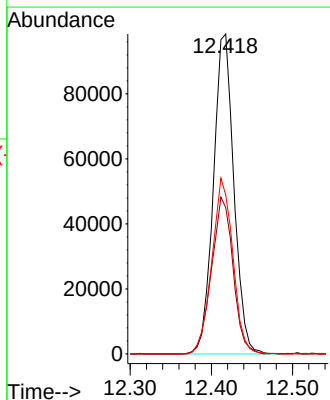
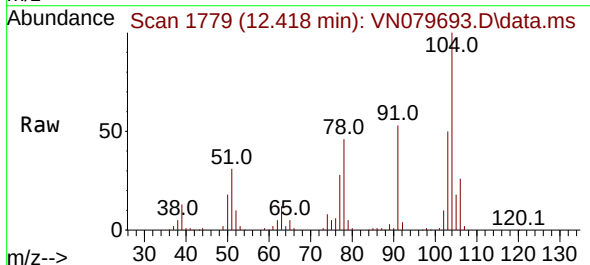
Manual Integrations
APPROVED

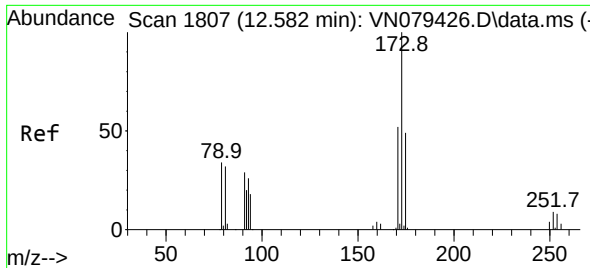
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#70
Styrene
Concen: 20.242 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

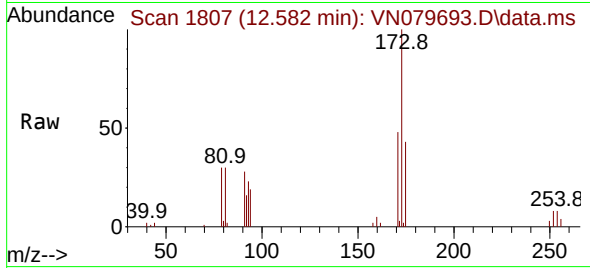
Tgt Ion:104 Resp: 172803
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 56.3 43.2 64.8





#71
Bromoform
Concen: 19.711 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

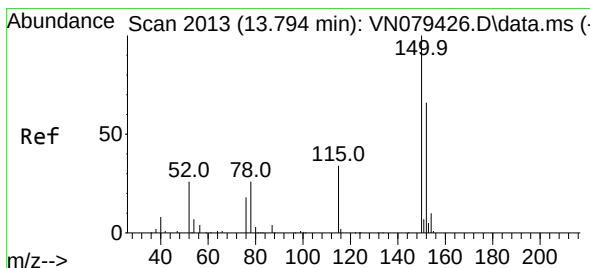
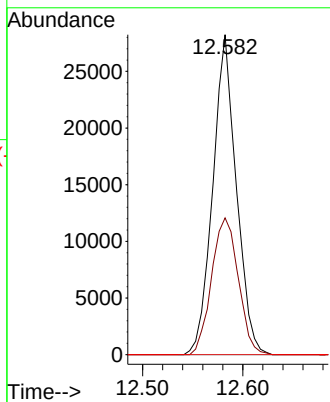
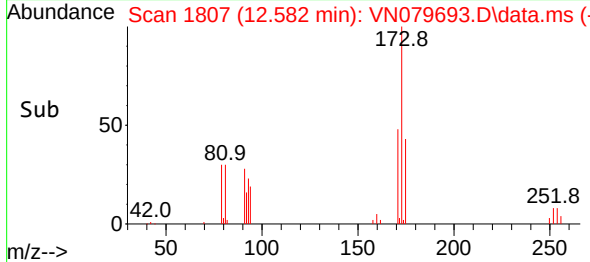
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



Tgt Ion:173 Resp: 45964
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

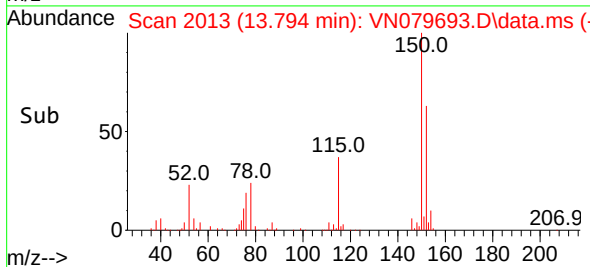
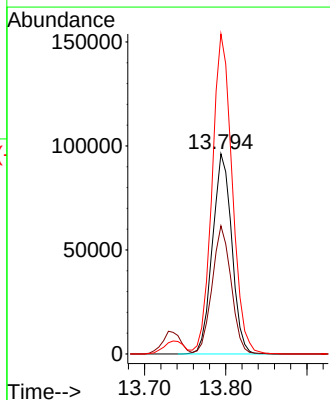
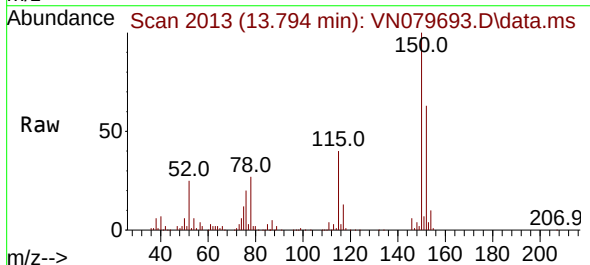
Manual Integrations
APPROVED

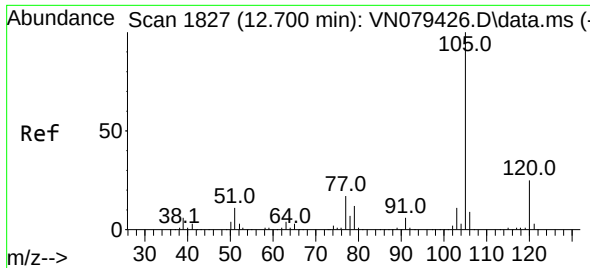
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion:152 Resp: 158930
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 166.5 0.0 355.8





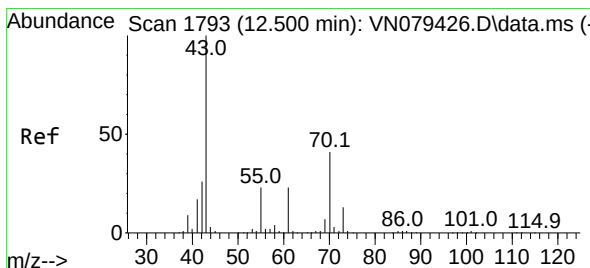
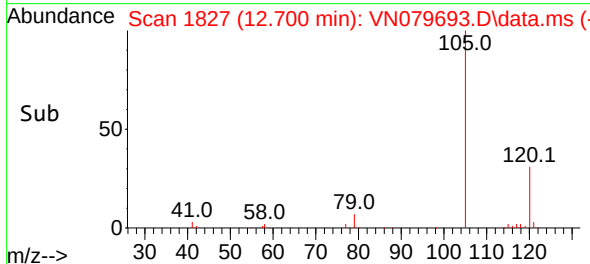
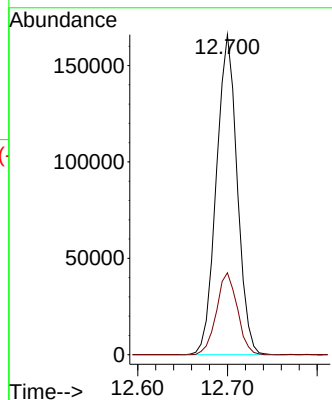
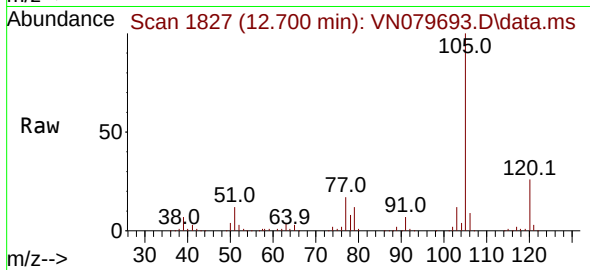
#73
Isopropylbenzene
Concen: 18.098 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion:105 Resp: 267593
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

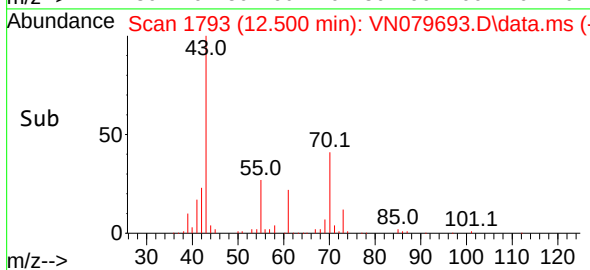
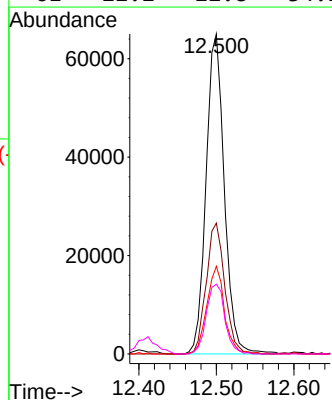
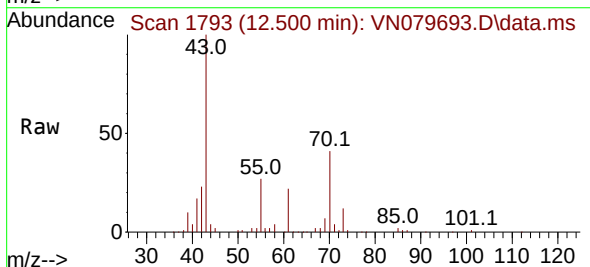
Manual Integrations
APPROVED

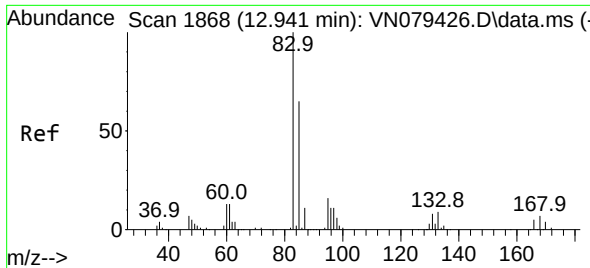
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#74
N-ethyl acetate
Concen: 17.570 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

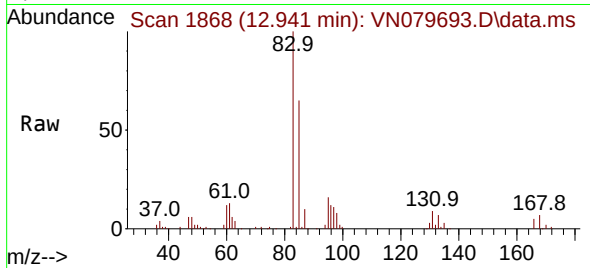
Tgt Ion: 43 Resp: 106503
Ion Ratio Lower Upper
43 100
70 41.6 43.4 65.2#
55 26.6 21.4 32.0
61 22.2 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.919 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

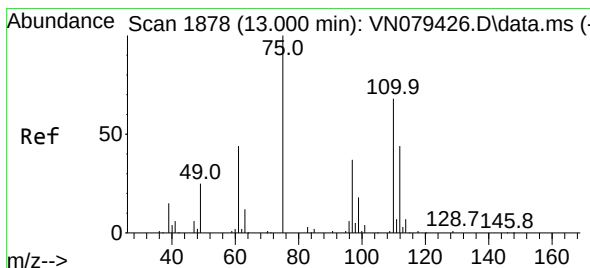
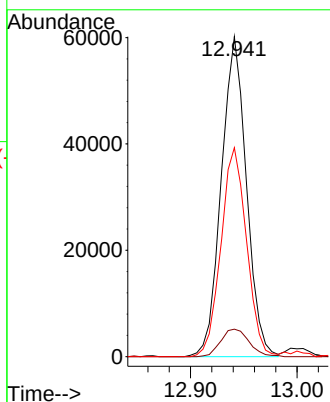
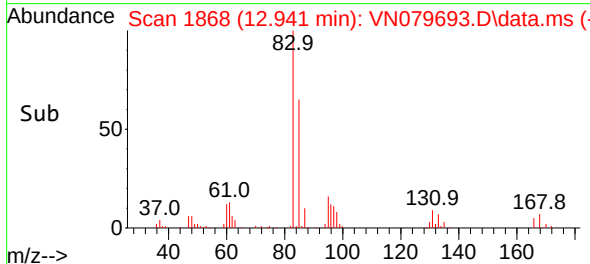
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



Tgt Ion: 83 Resp: 98548
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 66.5 31.9 95.7

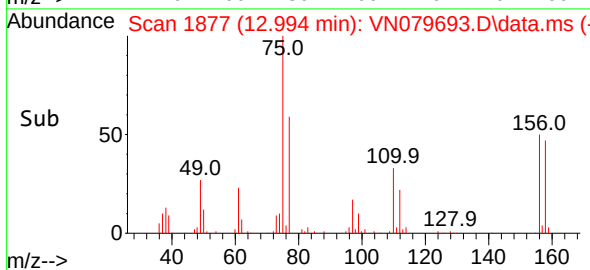
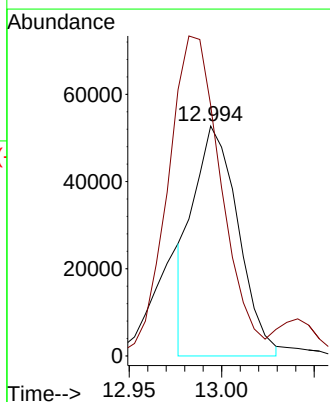
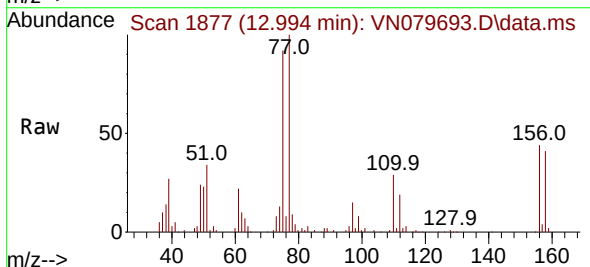
Manual Integrations
APPROVED

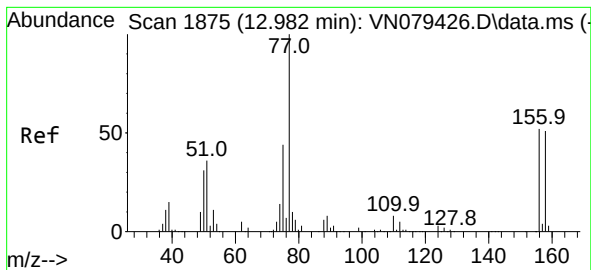
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#76
1,2,3-Trichloropropane
Concen: 19.457 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

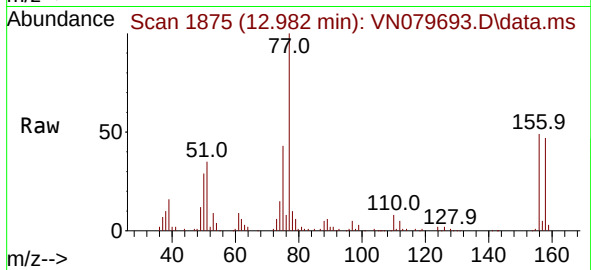
Tgt Ion: 75 Resp: 89161
Ion Ratio Lower Upper
75 100
77 165.9 84.5 253.5





#77
Bromobenzene
Concen: 17.880 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

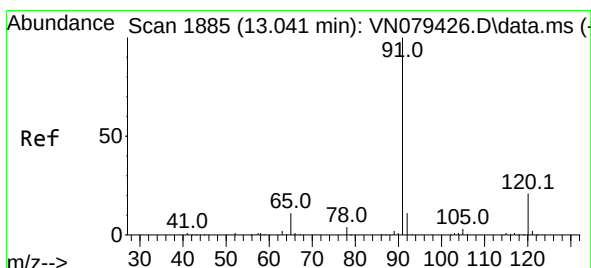
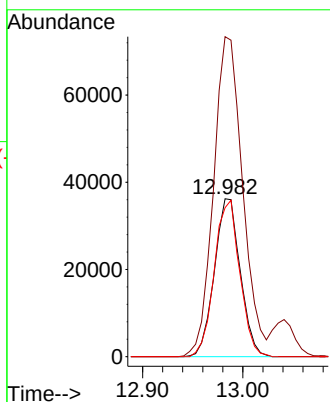
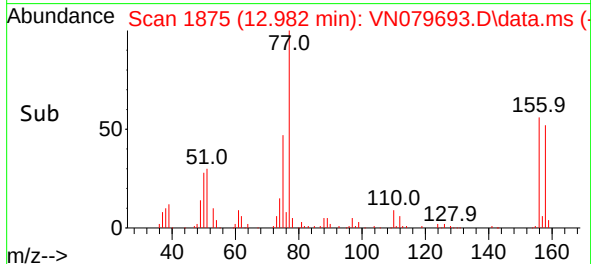
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



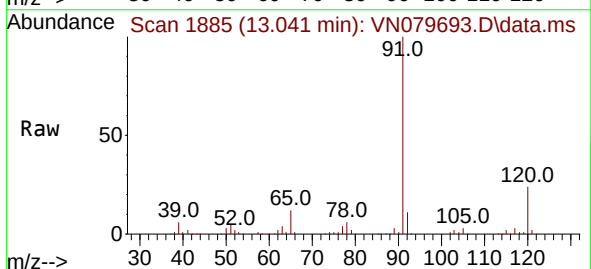
Tgt Ion:156 Resp: 6482
Ion Ratio Lower Upper
156 100
77 228.2 107.7 323.3
158 97.3 48.4 145.3

Manual Integrations
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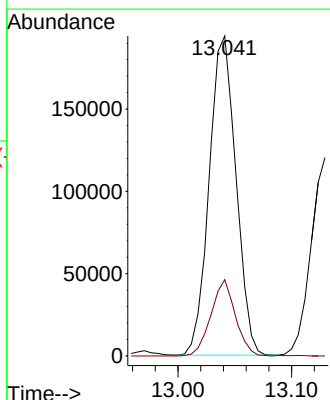
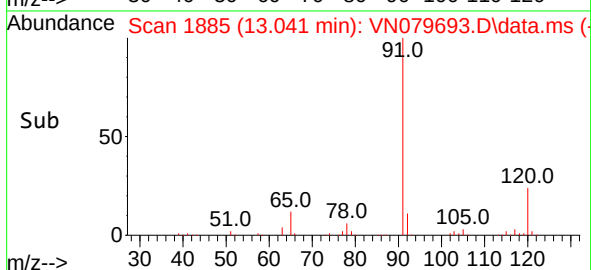
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

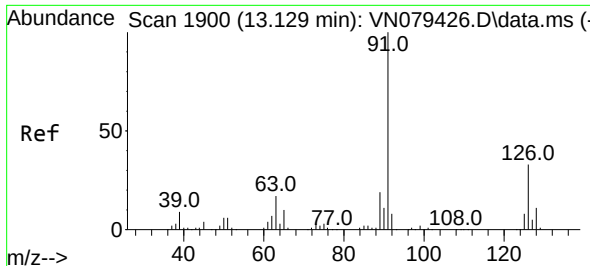


#78
n-propylbenzene
Concen: 19.000 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04



Tgt Ion: 91 Resp: 317846
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4





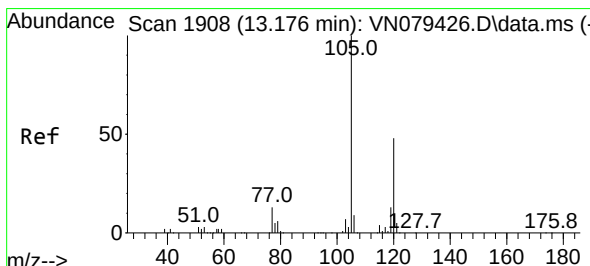
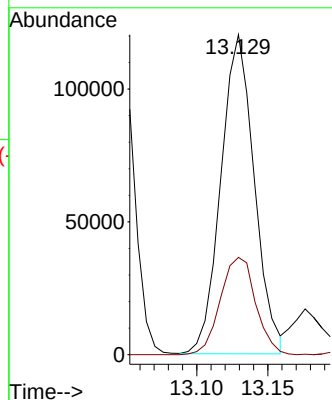
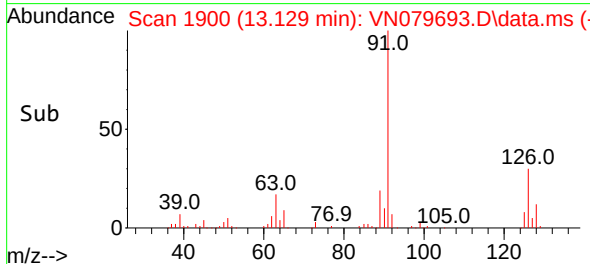
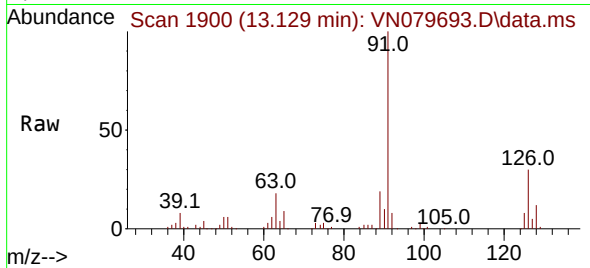
#79
2-Chlorotoluene
Concen: 18.366 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion: 91 Resp: 196597
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

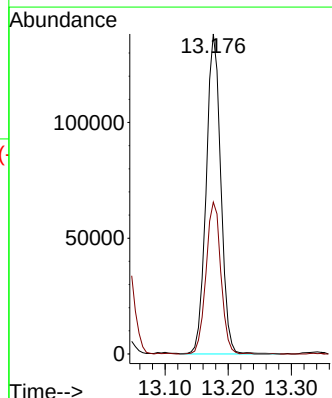
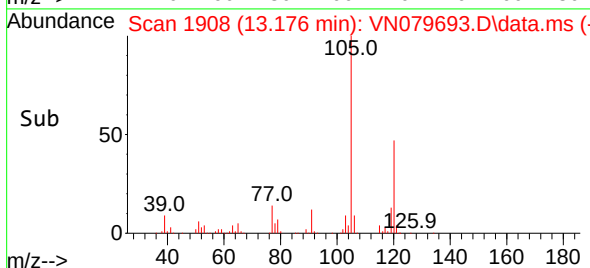
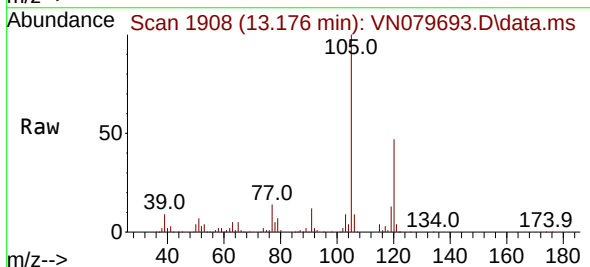
Manual Integrations
APPROVED

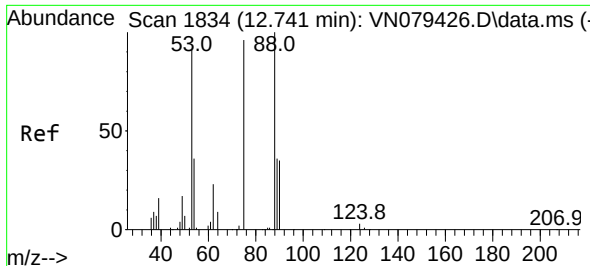
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.079 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

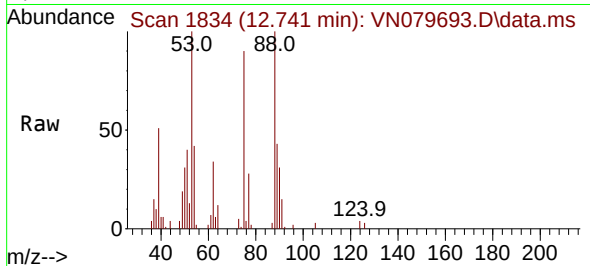
Tgt Ion:105 Resp: 222443
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.035 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

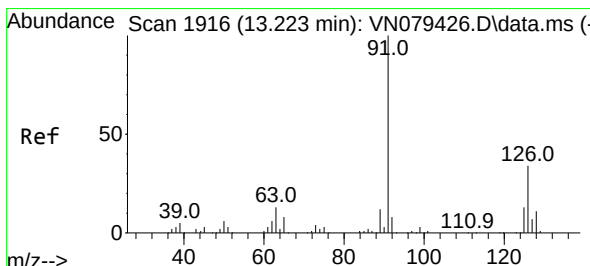
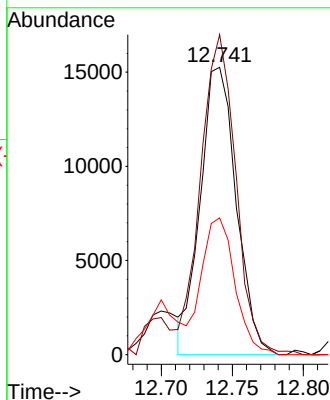
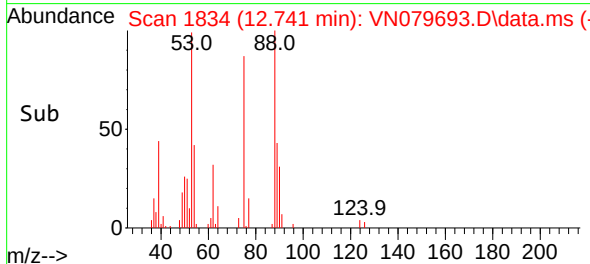
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01



Tgt Ion: 75 Resp: 26904
Ion Ratio Lower Upper
75 100
53 110.3 67.4 101.2
89 44.0 38.8 58.2

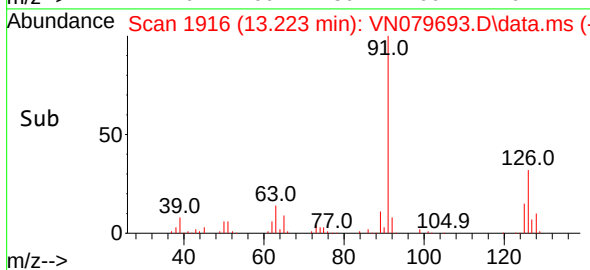
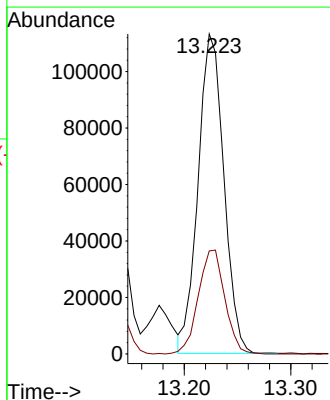
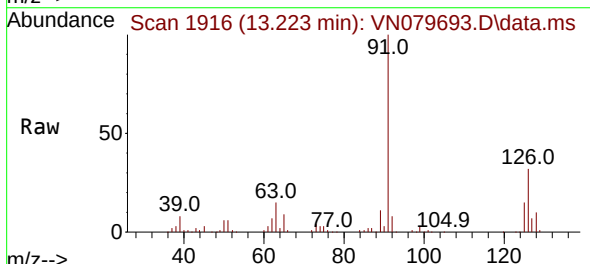
Manual Integrations
APPROVED

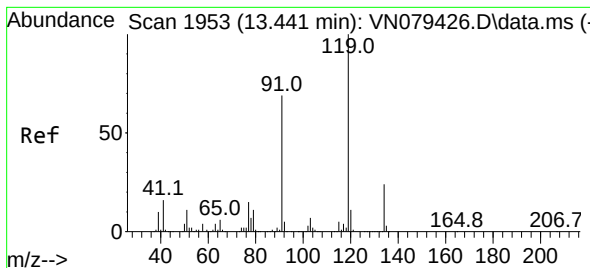
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#82
4-Chlorotoluene
Concen: 18.658 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

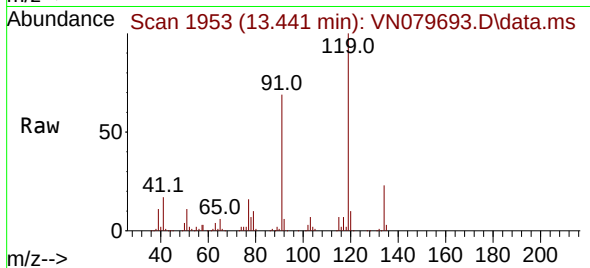
Tgt Ion: 91 Resp: 190057
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0





#83
 tert-Butylbenzene
 Concen: 18.718 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079693.D
 Acq: 26 Oct 2023 12:04

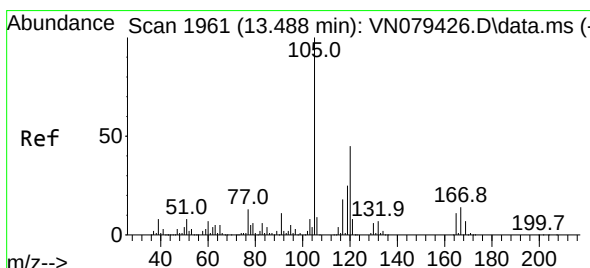
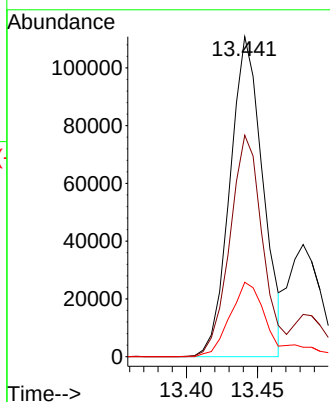
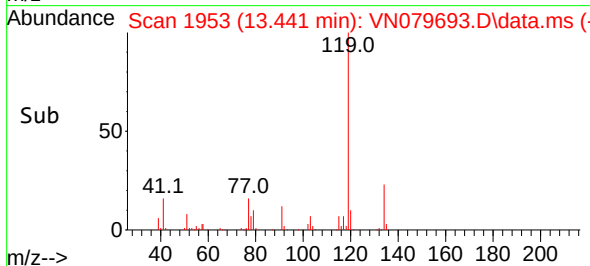
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS01



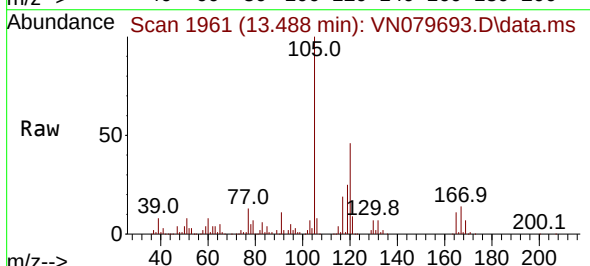
Tgt Ion:119 Resp: 17880
 Ion Ratio Lower Upper
 119 100
 91 69.3 33.9 101.7
 134 27.4 13.2 39.6

Manual Integrations
 APPROVED

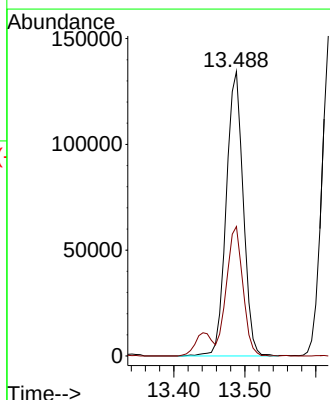
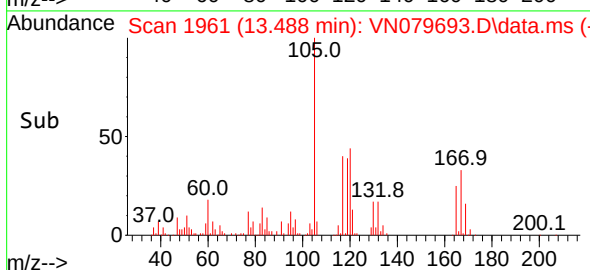
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023

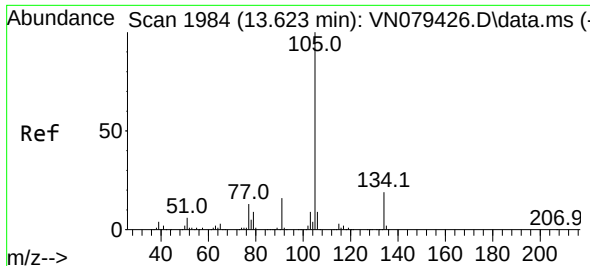


#84
 1,2,4-Trimethylbenzene
 Concen: 20.025 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079693.D
 Acq: 26 Oct 2023 12:04



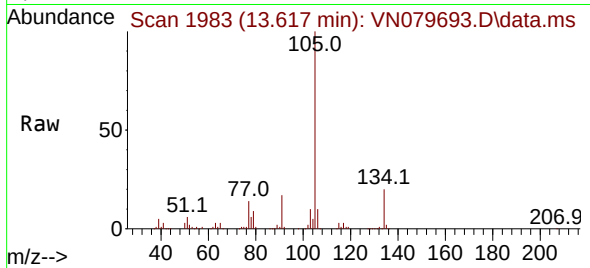
Tgt Ion:105 Resp: 222814
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.722 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079693.D
 Acq: 26 Oct 2023 12:04

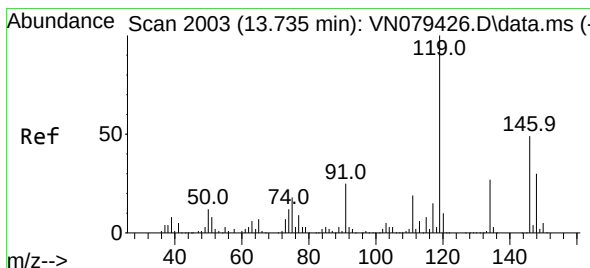
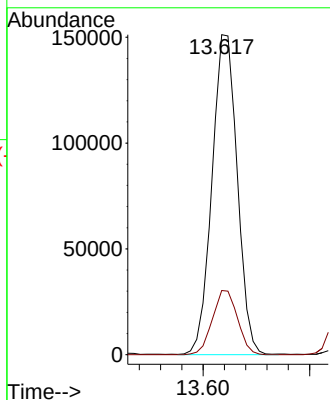
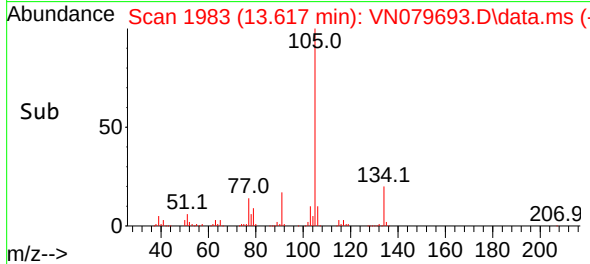
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS01



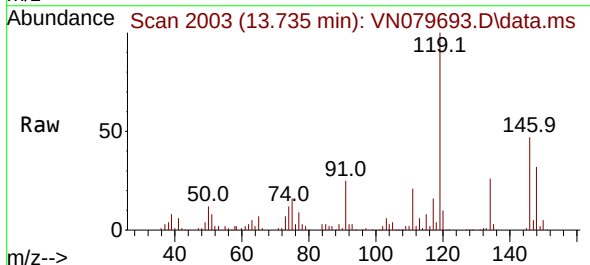
Tgt Ion:105 Resp: 24945
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations
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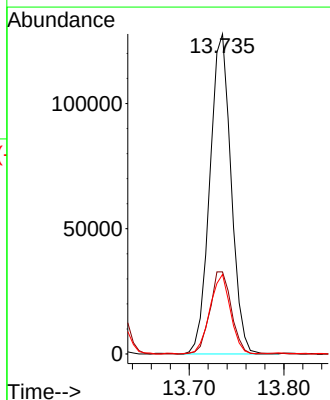
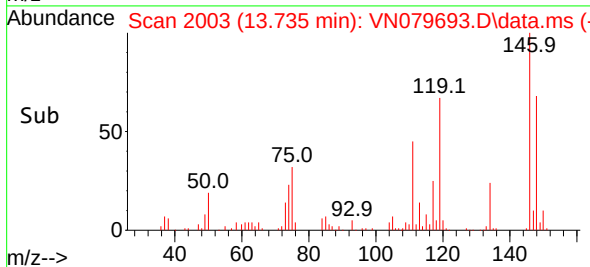
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023

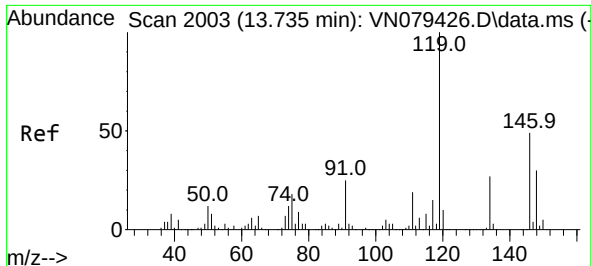


#86
 p-Isopropyltoluene
 Concen: 19.453 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079693.D
 Acq: 26 Oct 2023 12:04



Tgt Ion:119 Resp: 198843
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.825 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

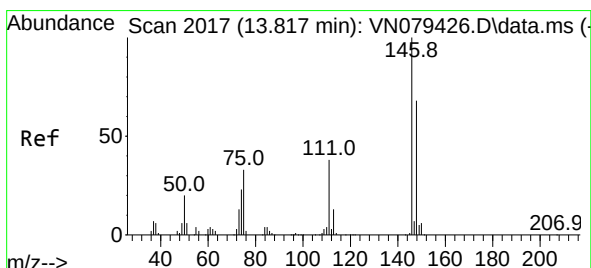
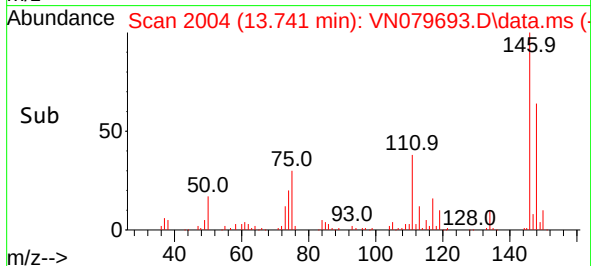
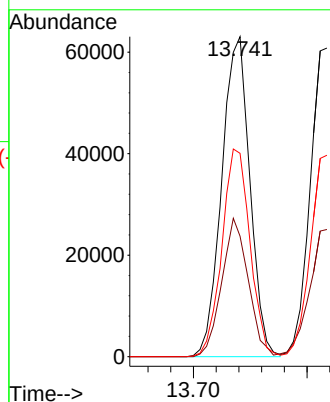
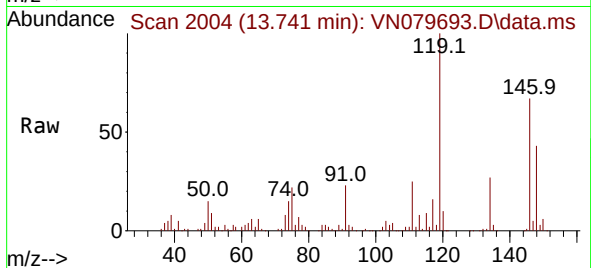
Tgt Ion:146 Resp: 108249
 Ion Ratio Lower Upper
 146 100
 111 40.7 22.1 66.3
 148 64.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#88

1,4-Dichlorobenzene

Concen: 18.233 ug/l

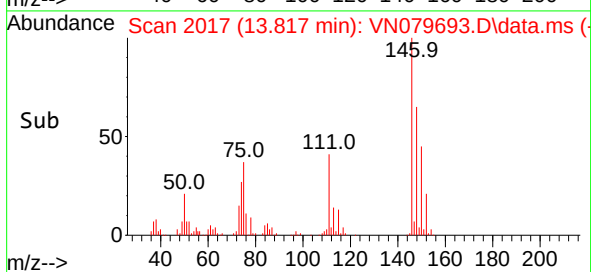
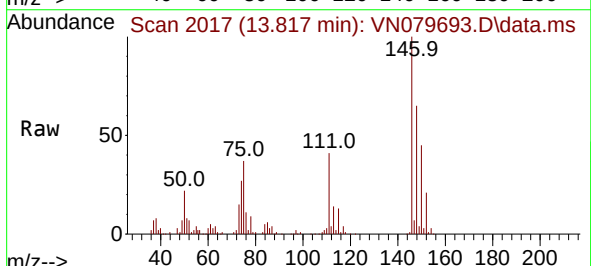
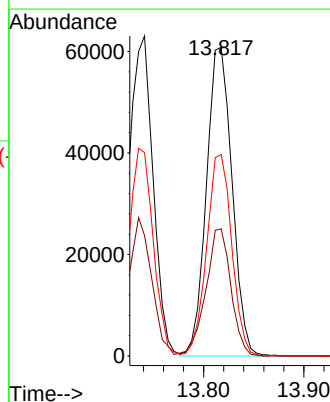
RT: 13.817 min Scan# 2017

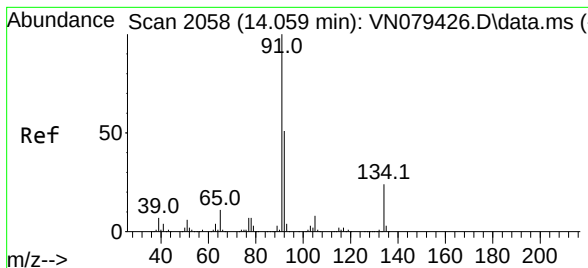
Delta R.T. 0.000 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Tgt Ion:146 Resp: 108257
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.6 61.8
 148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 18.293 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

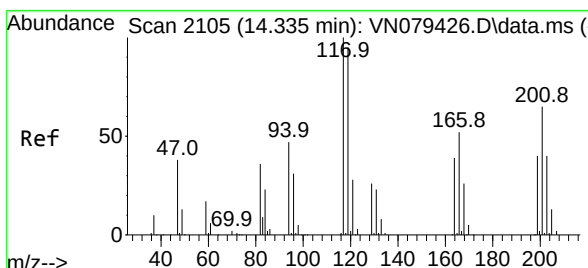
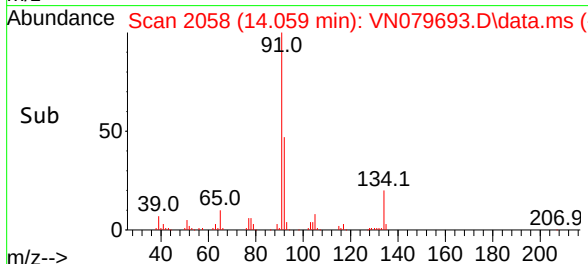
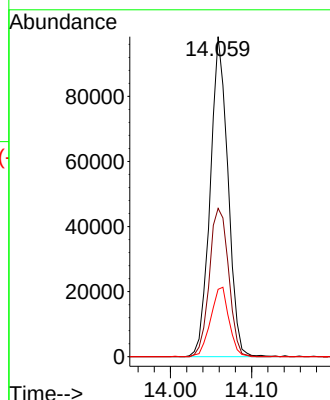
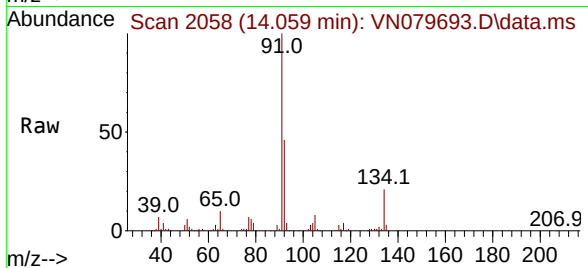
Tgt Ion:	91	Resp:	149314
Ion Ratio	Lower	Upper	
91	100		
92	50.2	26.4	79.0
134	22.4	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#90

Hexachloroethane

Concen: 19.702 ug/l

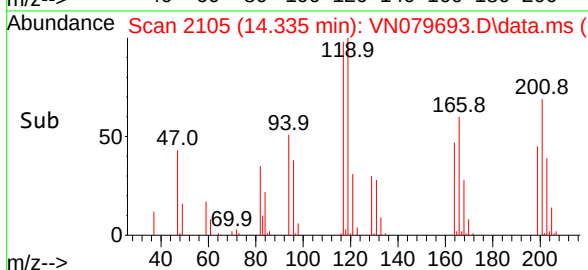
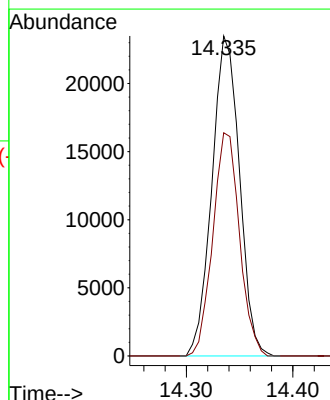
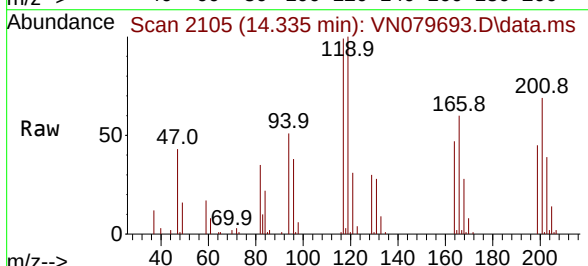
RT: 14.335 min Scan# 2105

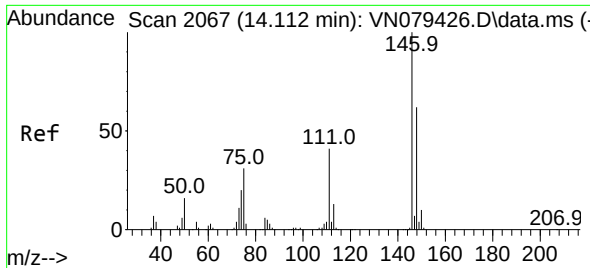
Delta R.T. 0.000 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Tgt Ion:	117	Resp:	42199
Ion Ratio	Lower	Upper	
117	100		
201	67.4	29.3	88.0





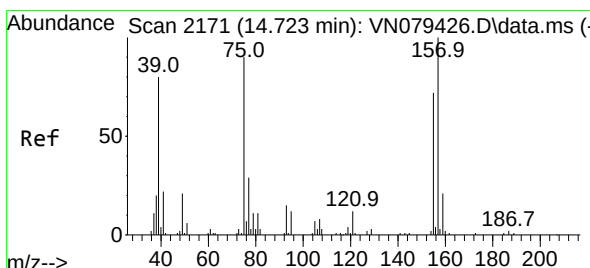
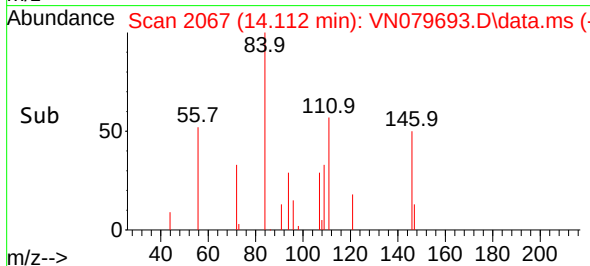
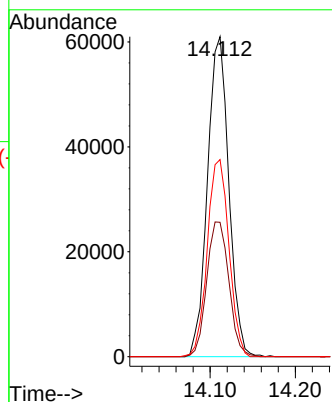
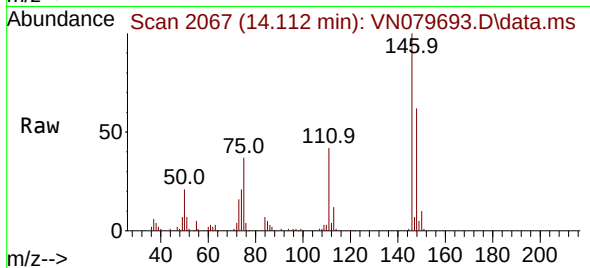
#91
1,2-Dichlorobenzene
Concen: 18.925 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion:146 Resp: 10615
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 62.6 31.8 95.3

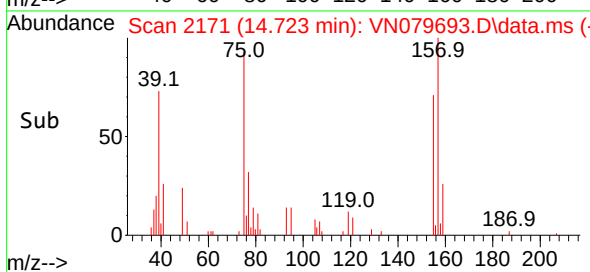
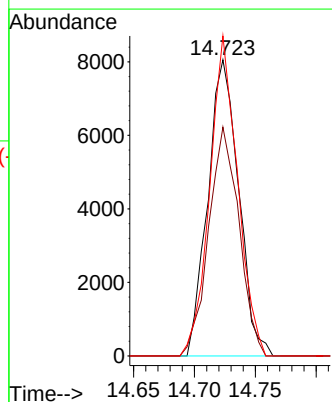
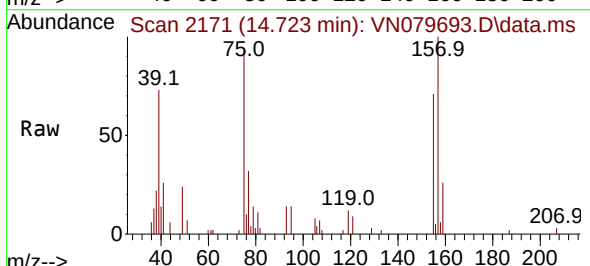
Manual Integrations
APPROVED

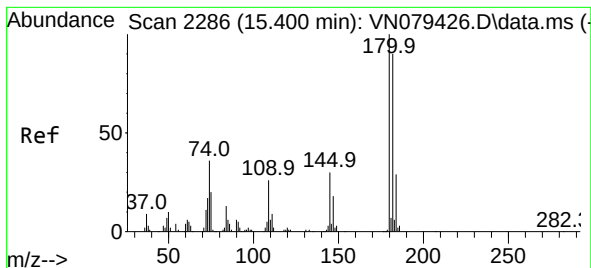
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.563 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion: 75 Resp: 14161
Ion Ratio Lower Upper
75 100
155 75.9 39.1 117.2
157 97.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 14.395 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS01

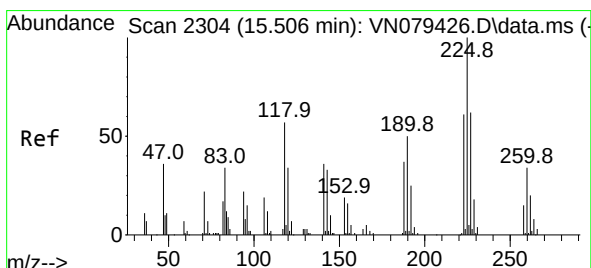
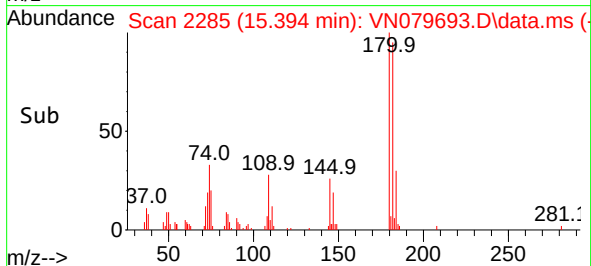
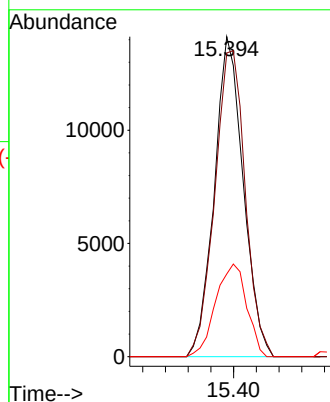
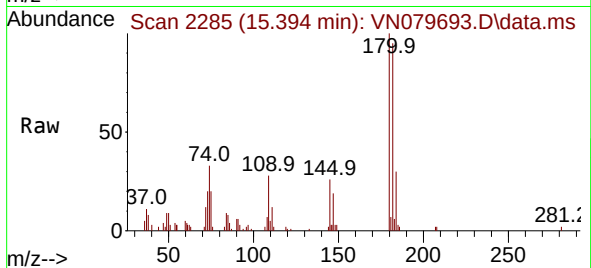
Tgt Ion:180	Resp:	25000
Ion Ratio	Lower	Upper
180	100	
182	100.6	46.1 138.2
145	31.0	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#94

Hexachlorobutadiene

Concen: 18.705 ug/l

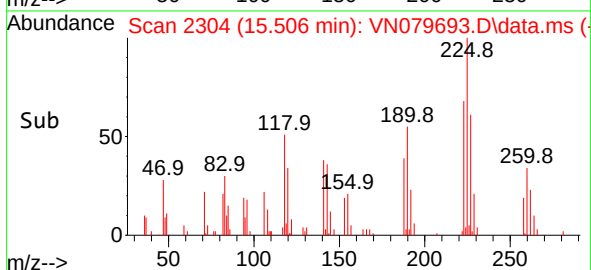
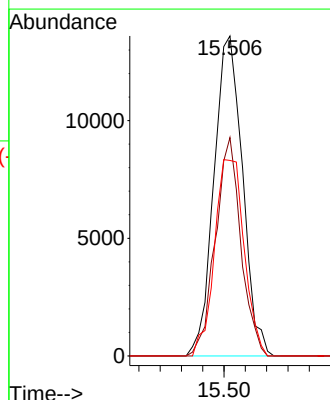
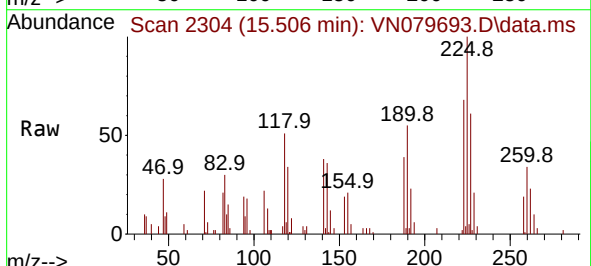
RT: 15.506 min Scan# 2304

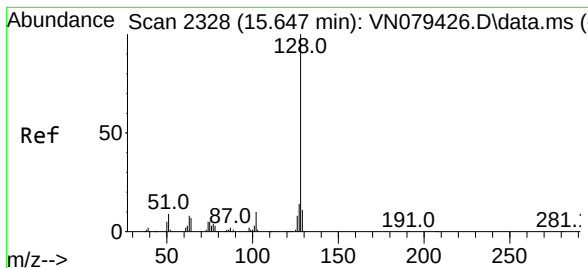
Delta R.T. 0.000 min

Lab File: VN079693.D

Acq: 26 Oct 2023 12:04

Tgt Ion:225	Resp:	25308
Ion Ratio	Lower	Upper
225	100	
223	60.9	31.3 93.8
227	63.8	31.9 95.9





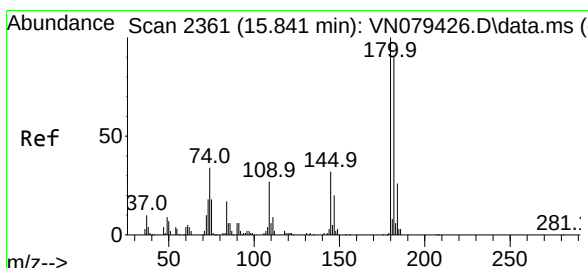
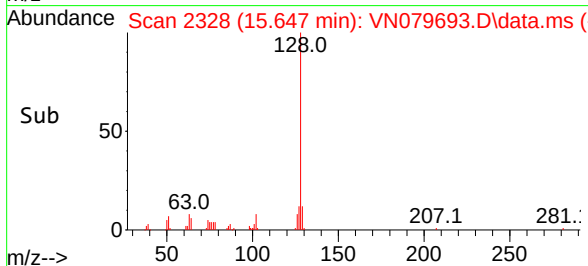
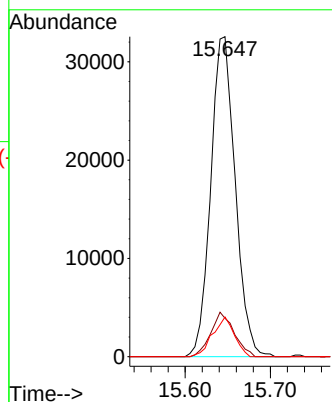
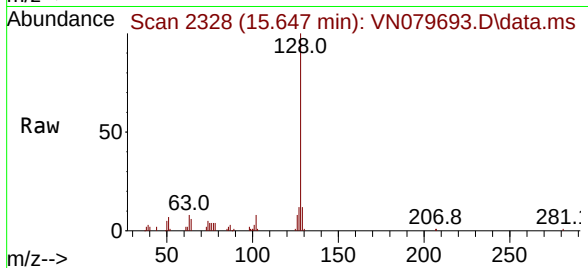
#95
Naphthalene
Concen: 12.238 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS01

Tgt Ion:128 Resp: 6491
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 13.432 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079693.D
Acq: 26 Oct 2023 12:04

Tgt Ion:180 Resp: 27844
Ion Ratio Lower Upper
180 100
182 96.5 46.2 138.6
145 35.5 17.5 52.6

