

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081127.D
 Acq On : 22 Feb 2024 11:50
 Operator : JC\MD
 Sample : VN0222MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

Quant Time: Feb 23 04:20:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	320624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	590691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	524814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	205811	52.370	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.740%			
35) Dibromofluoromethane	8.165	113	178736	53.511	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	10.571	98	609467	51.374	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.740%			
62) 4-Bromofluorobenzene	12.847	95	233302	52.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	93098	22.453	ug/l	93
3) Chloromethane	2.359	50	87494	18.598	ug/l	95
4) Vinyl Chloride	2.518	62	94426	20.502	ug/l	94
5) Bromomethane	2.965	94	67743	20.708	ug/l	99
6) Chloroethane	3.130	64	63206	20.709	ug/l	100
7) Trichlorofluoromethane	3.506	101	148084	22.008	ug/l	89
8) Diethyl Ether	3.959	74	52022	21.147	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	85581	22.816	ug/l	91
10) Methyl Iodide	4.583	142	87792	20.968	ug/l	93
11) Tert butyl alcohol	5.518	59	80626	111.557	ug/l	99
12) 1,1-Dichloroethene	4.342	96	74189	20.461	ug/l	95
13) Acrolein	4.183	56	37545	96.923	ug/l	90
14) Allyl chloride	5.024	41	112016	20.821	ug/l	92
15) Acrylonitrile	5.724	53	209422	110.949	ug/l	98
16) Acetone	4.418	43	132573	85.733	ug/l	98
17) Carbon Disulfide	4.712	76	193024	19.086	ug/l	98
18) Methyl Acetate	5.030	43	90567	24.009	ug/l	92
19) Methyl tert-butyl Ether	5.789	73	268967	21.659	ug/l	98
20) Methylene Chloride	5.283	84	85892	20.931	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	83946	20.751	ug/l	86
22) Diisopropyl ether	6.671	45	268440	21.996	ug/l	92
23) Vinyl Acetate	6.606	43	1072798	108.347	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	158911	22.520	ug/l	97
25) 2-Butanone	7.483	43	255719	102.362	ug/l	97
26) 2,2-Dichloropropane	7.494	77	143403	21.689	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	100407	21.363	ug/l	86
28) Bromochloromethane	7.812	49	65585	22.419	ug/l #	70
29) Tetrahydrofuran	7.841	42	178094	106.793	ug/l #	87
30) Chloroform	7.965	83	164929	21.986	ug/l	96
31) Cyclohexane	8.259	56	138592	20.424	ug/l #	72
32) 1,1,1-Trichloroethane	8.171	97	149180	21.836	ug/l #	91
36) 1,1-Dichloropropene	8.377	75	118493	20.707	ug/l	97
37) Ethyl Acetate	7.553	43	111616	21.612	ug/l	98
38) Carbon Tetrachloride	8.365	117	125691	21.710	ug/l	94
39) Methylcyclohexane	9.600	83	144523	21.665	ug/l	91
40) Benzene	8.612	78	362044	21.858	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	62880	21.393	ug/l	95
42) 1,2-Dichloroethane	8.671	62	126572	21.903	ug/l	98
43) Isopropyl Acetate	8.688	43	196616	21.768	ug/l #	96
44) Trichloroethene	9.353	130	93571	21.210	ug/l	94
45) 1,2-Dichloropropane	9.624	63	91361	22.050	ug/l	95
46) Dibromomethane	9.712	93	66159	21.915	ug/l	92
47) Bromodichloromethane	9.888	83	128455	22.467	ug/l #	97
48) Methyl methacrylate	9.683	41	87622	20.848	ug/l	87
49) 1,4-Dioxane	9.694	88	33789	413.462	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	587095	112.991	ug/l	95
52) Toluene	10.635	92	225318	21.488	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	136284	21.450	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	148673	21.658	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	91936	22.795	ug/l	93
56) Ethyl methacrylate	10.877	69	134550	21.829	ug/l	87
57) 1,3-Dichloropropane	11.165	76	157711	22.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	275134	88.962	ug/l #	87
59) 2-Hexanone	11.200	43	425325	103.250	ug/l	96
60) Dibromochloromethane	11.359	129	94610	22.082	ug/l	99
61) 1,2-Dibromoethane	11.471	107	93762	22.108	ug/l	99
64) Tetrachloroethene	11.106	164	79050	22.069	ug/l	96
65) Chlorobenzene	11.894	112	241157	21.231	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	89612	21.965	ug/l	98
67) Ethyl Benzene	11.965	91	436252	21.464	ug/l	99
68) m/p-Xylenes	12.071	106	329073	42.240	ug/l	98
69) o-Xylene	12.400	106	160519	20.786	ug/l	99
70) Styrene	12.412	104	262823	21.477	ug/l	97
71) Bromoform	12.582	173	58542	22.618	ug/l #	100
73) Isopropylbenzene	12.700	105	425000	20.714	ug/l	97
74) N-amyl acetate	12.494	43	169940	19.598	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	126416	21.912	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	93330m	17.517	ug/l	
77) Bromobenzene	12.982	156	93597	20.459	ug/l	79
78) n-propylbenzene	13.035	91	505600	21.406	ug/l	97
79) 2-Chlorotoluene	13.129	91	295840	20.420	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	356271	21.416	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	40095	19.369	ug/l #	81
82) 4-Chlorotoluene	13.223	91	287634	20.305	ug/l	93
83) tert-Butylbenzene	13.441	119	304297	21.155	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	350208	21.126	ug/l	95
85) sec-Butylbenzene	13.618	105	435494	21.778	ug/l	94
86) p-Isopropyltoluene	13.729	119	357925	21.549	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	176991	20.476	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	178985	21.073	ug/l	97
89) n-Butylbenzene	14.059	91	311365	21.517	ug/l	95
90) Hexachloroethane	14.335	117	60032	21.865	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	176346	21.153	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23442	19.543	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	96055	20.652	ug/l	99
94) Hexachlorobutadiene	15.506	225	36072	20.795	ug/l	98
95) Naphthalene	15.641	128	342697	20.107	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	94505	20.482	ug/l	98

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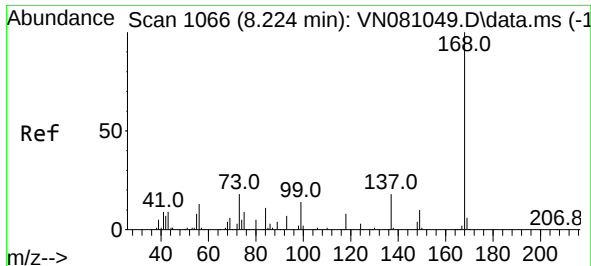
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
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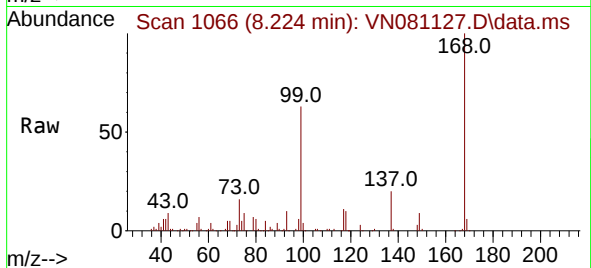
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

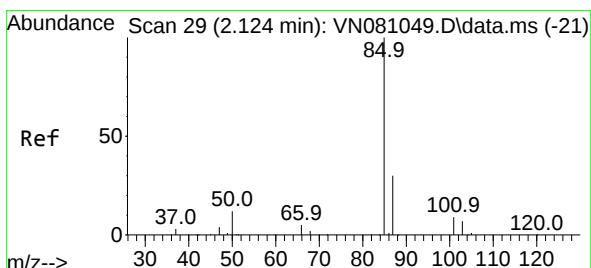
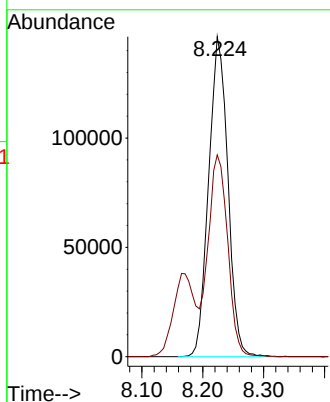
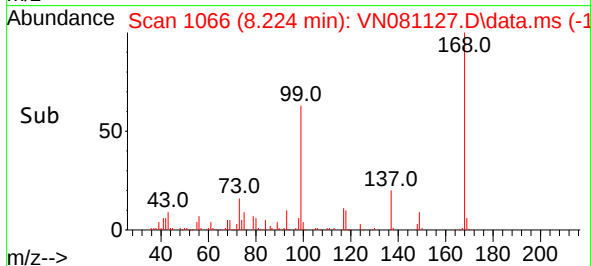
Instrument :
MSVOA_N
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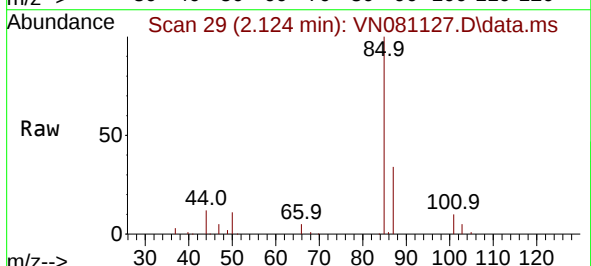
Tgt Ion:168 Resp: 320624
Ion Ratio Lower Upper
168 100
99 63.1 59.9 89.9

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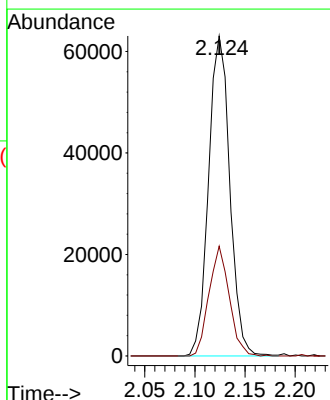
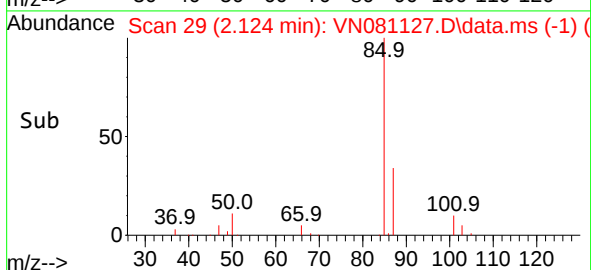
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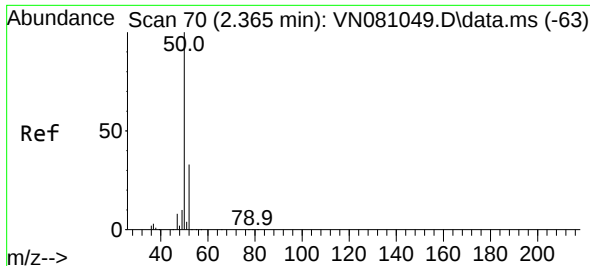


#2
Dichlorodifluoromethane
Concen: 22.453 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50



Tgt Ion: 85 Resp: 93098
Ion Ratio Lower Upper
85 100
87 34.3 15.3 45.9





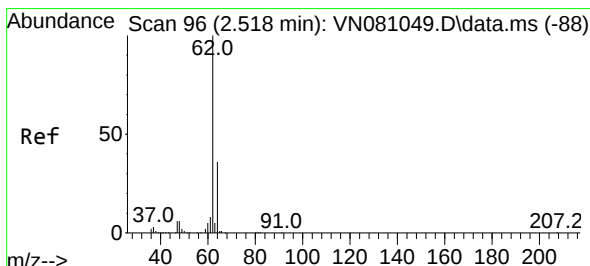
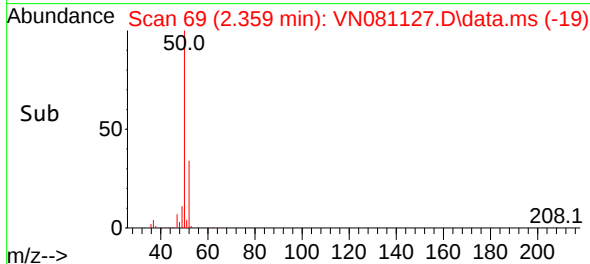
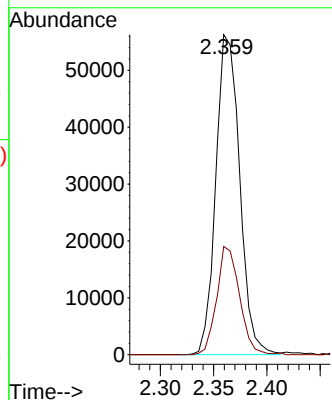
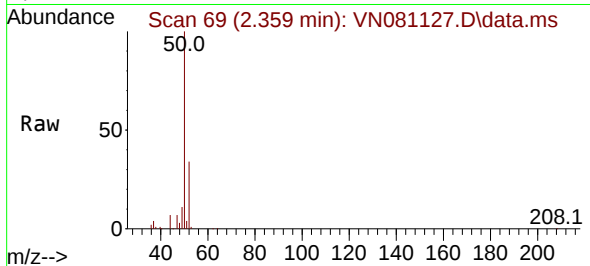
#3
Chloromethane
Concen: 18.598 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

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Tgt Ion: 50 Resp: 87494
Ion Ratio Lower Upper
50 100
52 33.8 25.0 37.4

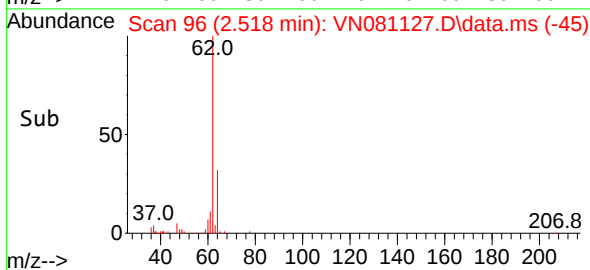
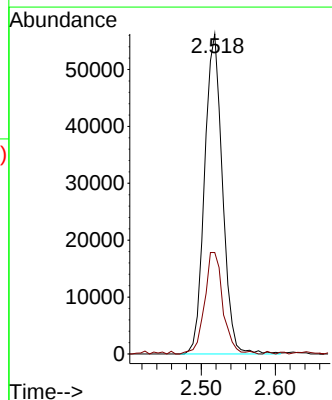
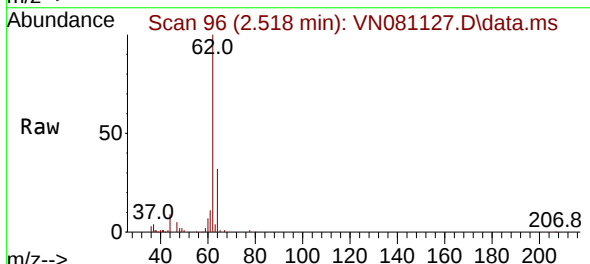
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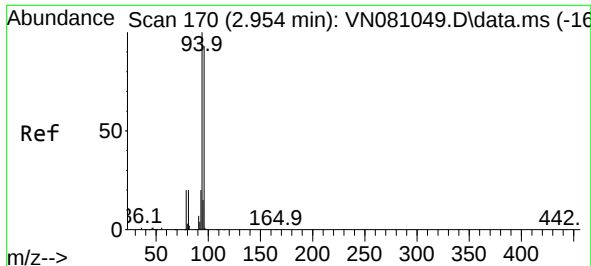
Reviewed By :John Carlone 02/23/2024
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#4
Vinyl Chloride
Concen: 20.502 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion: 62 Resp: 94426
Ion Ratio Lower Upper
62 100
64 31.7 22.7 34.1





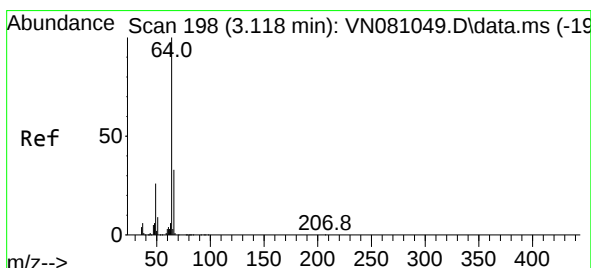
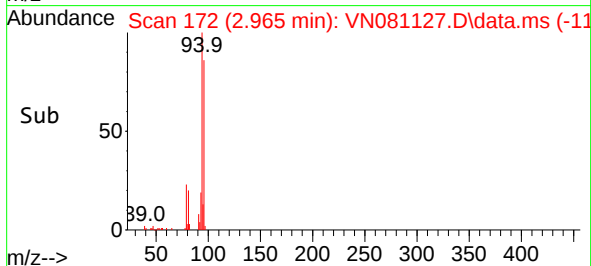
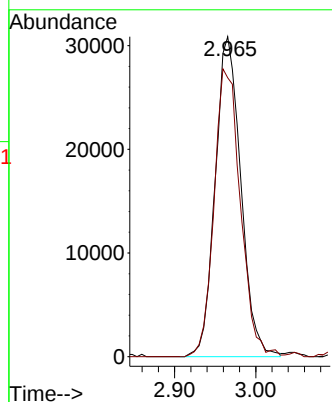
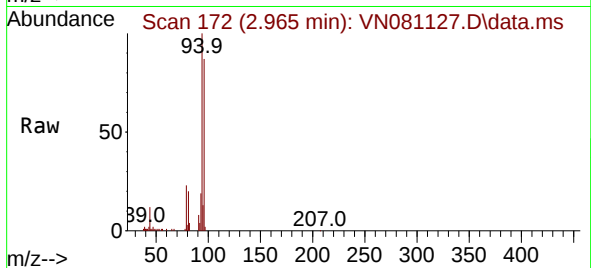
#5
Bromomethane
Concen: 20.708 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
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Tgt Ion: 94 Resp: 6774
Ion Ratio Lower Upper
94 100
96 87.2 69.2 103.8

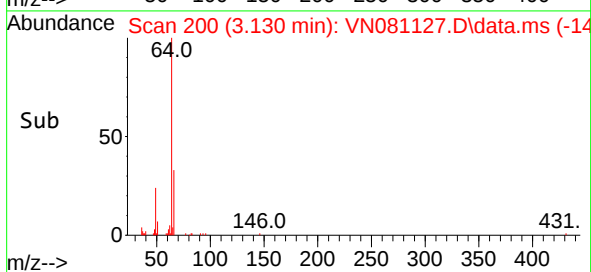
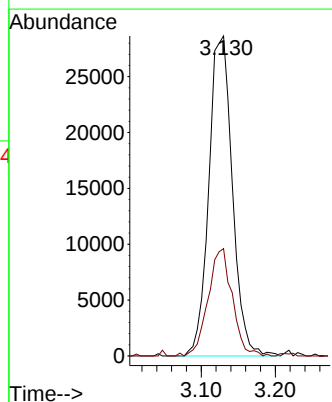
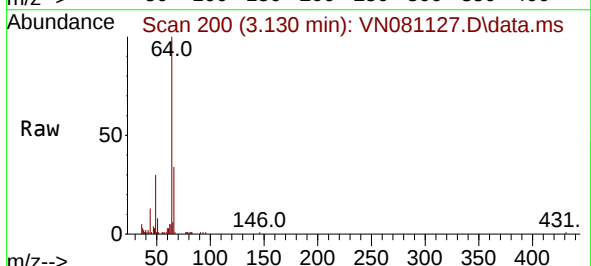
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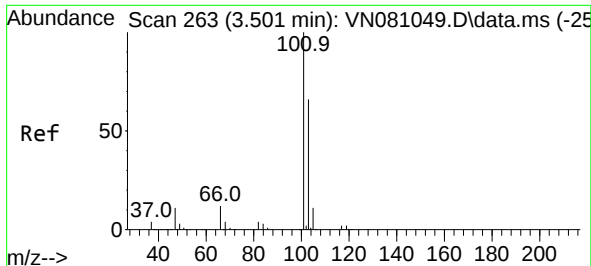
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#6
Chloroethane
Concen: 20.709 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion: 64 Resp: 63206
Ion Ratio Lower Upper
64 100
66 32.9 26.4 39.6





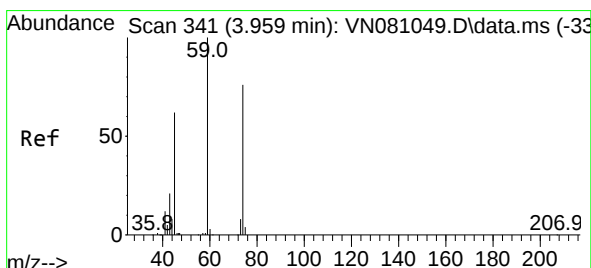
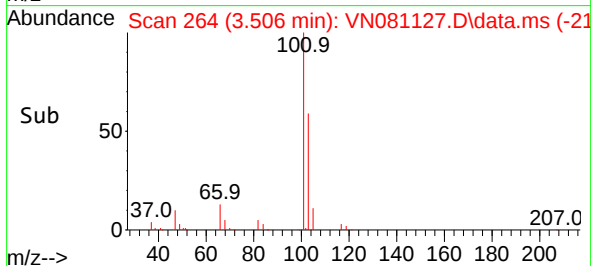
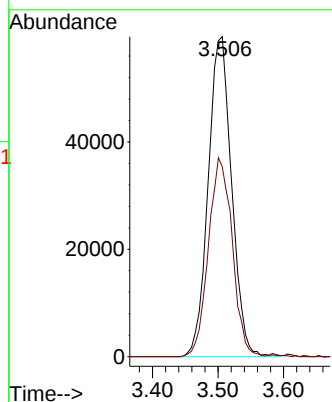
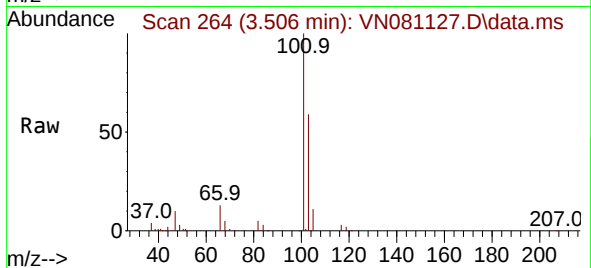
#7
Trichlorofluoromethane
Concen: 22.008 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 148084
Ion Ratio Lower Upper
101 100
103 59.4 54.4 81.6

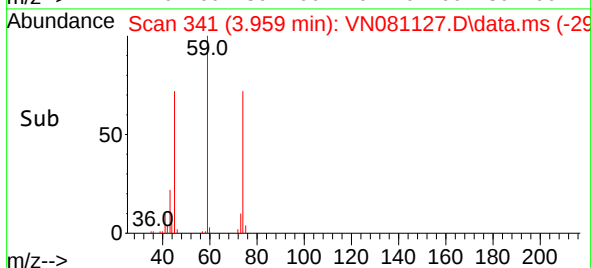
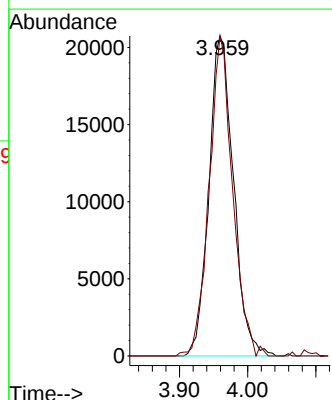
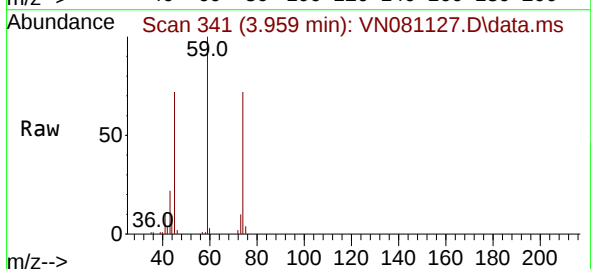
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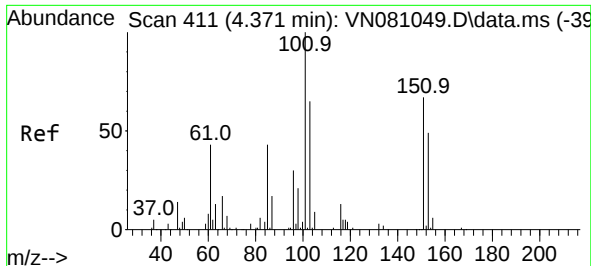
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#8
Diethyl Ether
Concen: 21.147 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion: 74 Resp: 52022
Ion Ratio Lower Upper
74 100
45 95.5 53.3 159.9





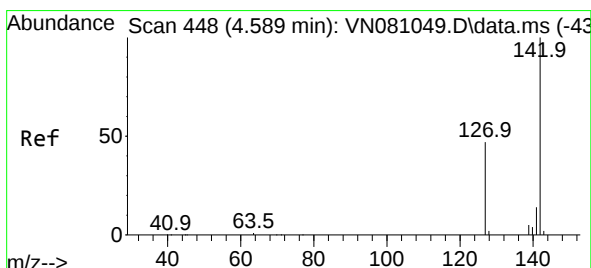
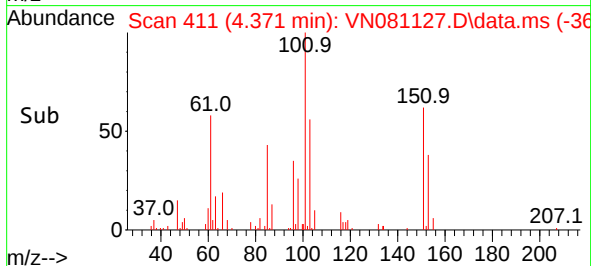
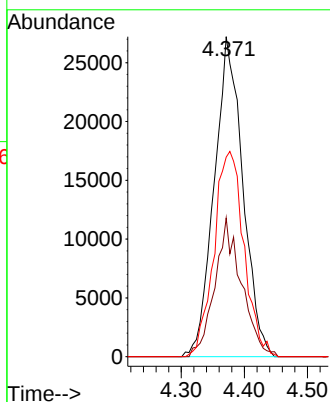
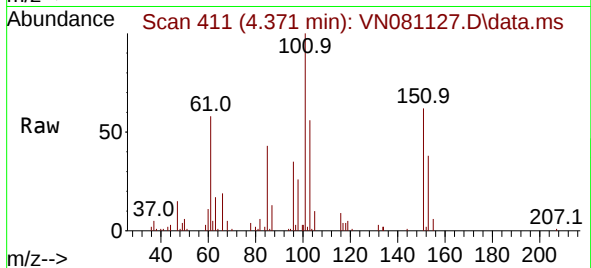
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.816 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion:101 Resp: 8558
Ion Ratio Lower Upper
101 100
85 40.6 38.1 57.1
151 67.3 49.1 73.7

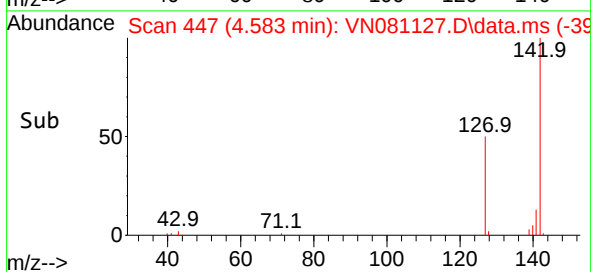
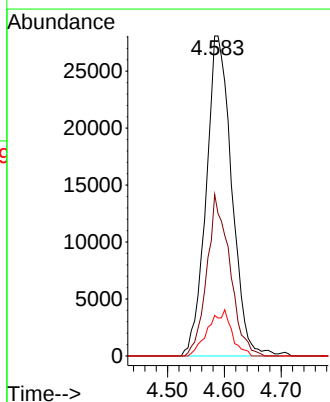
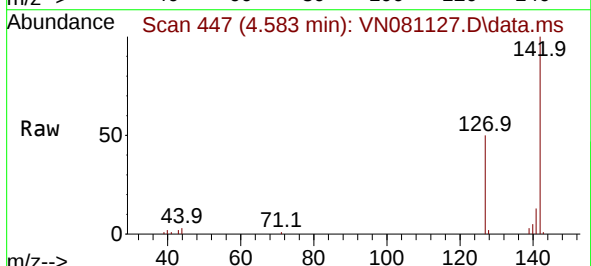
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#10
Methyl Iodide
Concen: 20.968 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

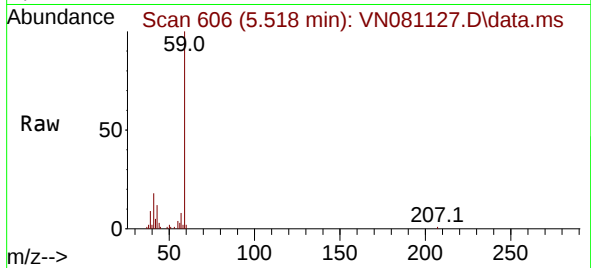
Tgt Ion:142 Resp: 87792
Ion Ratio Lower Upper
142 100
127 50.5 37.0 55.4
141 12.6 12.5 18.7





#11
Tert butyl alcohol
Concen: 111.557 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

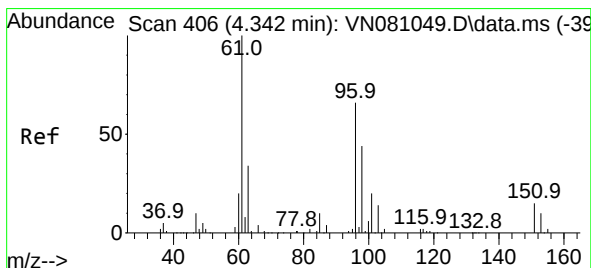
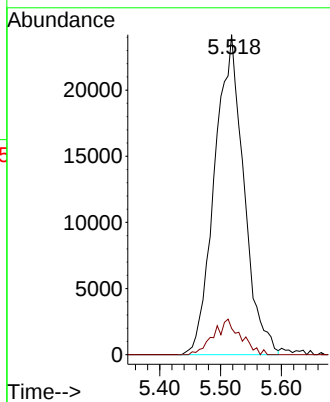
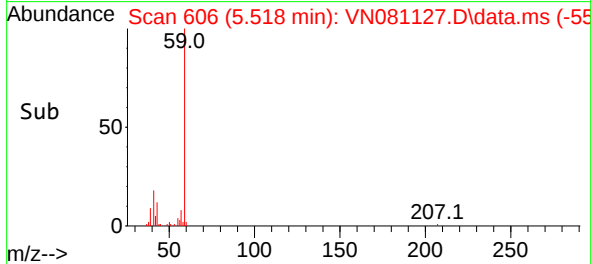
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



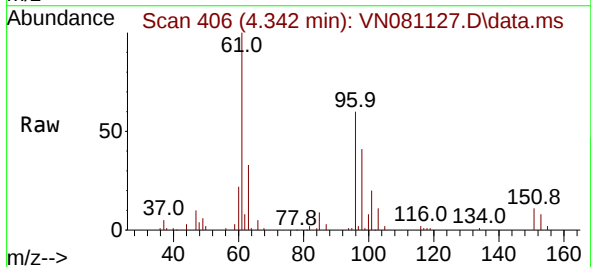
Tgt Ion: 59 Resp: 80620
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

Manual Integrations
APPROVED

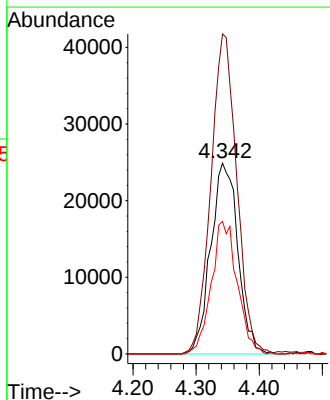
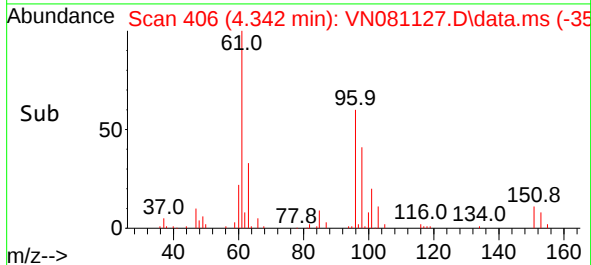
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

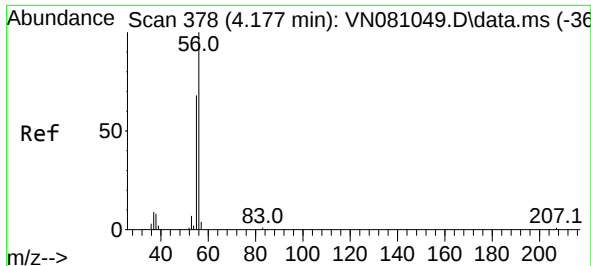


#12
1,1-Dichloroethene
Concen: 20.461 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50



Tgt Ion: 96 Resp: 74189
Ion Ratio Lower Upper
96 100
61 167.7 138.2 207.4
98 69.4 49.2 73.8





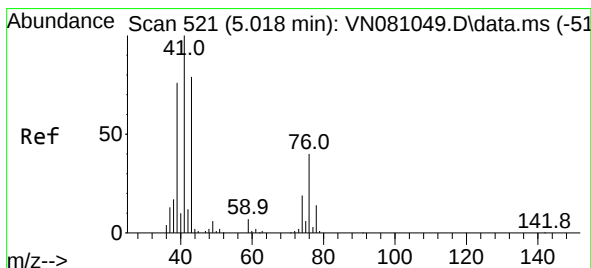
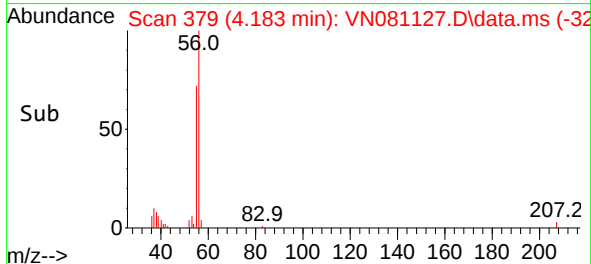
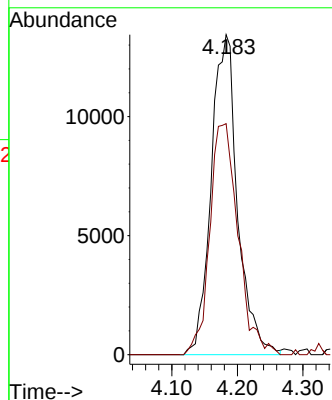
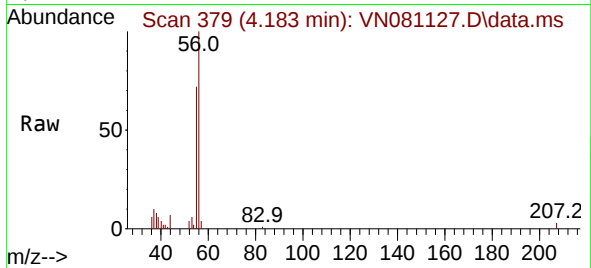
#13
Acrolein
Concen: 96.923 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion: 56 Resp: 3754
Ion Ratio Lower Upper
56 100
55 77.6 55.3 82.9

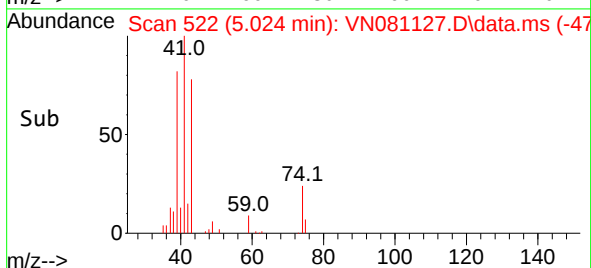
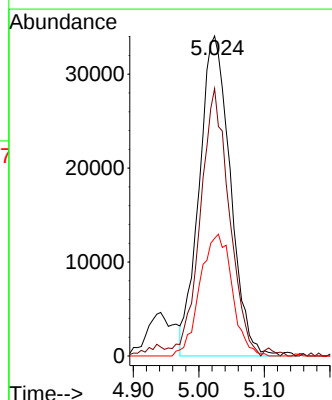
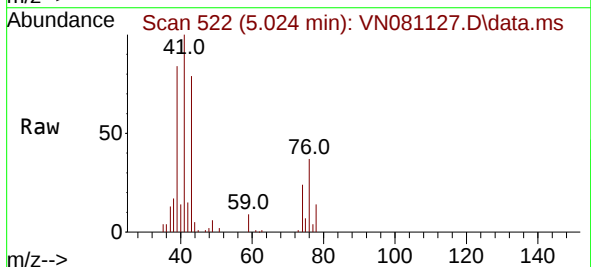
Manual Integrations
APPROVED

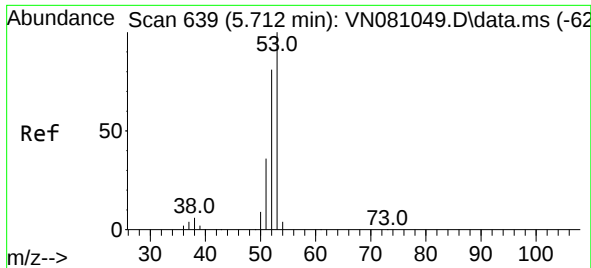
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#14
Allyl chloride
Concen: 20.821 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

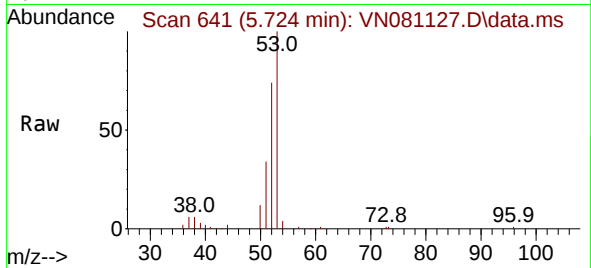
Tgt Ion: 41 Resp: 112016
Ion Ratio Lower Upper
41 100
39 77.6 57.7 86.5
76 39.4 26.8 40.2





#15
Acrylonitrile
Concen: 110.949 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

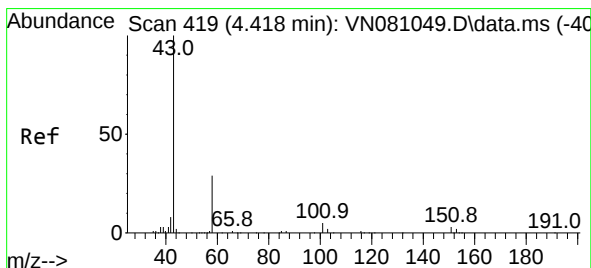
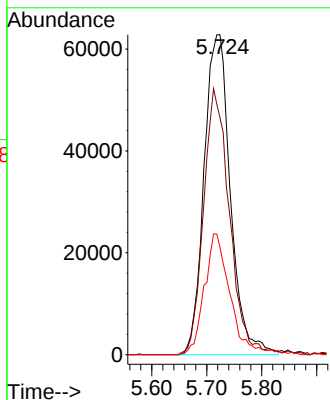
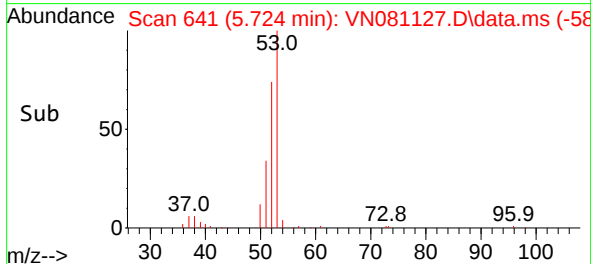
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



Tgt Ion: 53 Resp: 20942
Ion Ratio Lower Upper
53 100
52 81.7 64.8 97.2
51 37.1 26.9 40.3

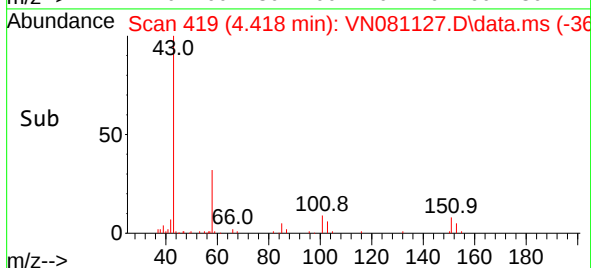
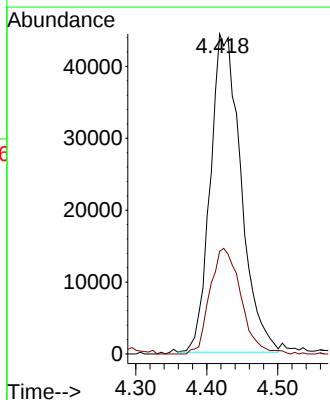
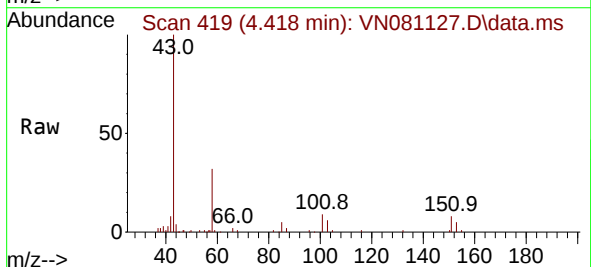
Manual Integrations
APPROVED

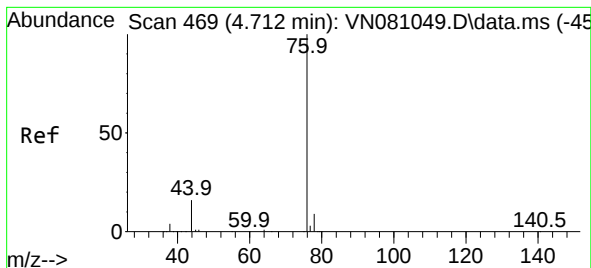
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#16
Acetone
Concen: 85.733 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion: 43 Resp: 132573
Ion Ratio Lower Upper
43 100
58 32.3 24.8 37.2





#17

Carbon Disulfide

Concen: 19.086 ug/l

RT: 4.712 min Scan# 40

Delta R.T. 0.000 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0222MBS01

Tgt Ion: 76 Resp: 193024

Ion Ratio Lower Upper

76 100

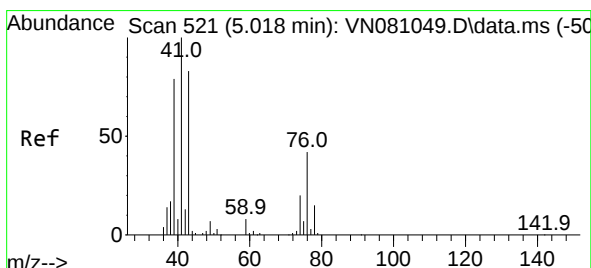
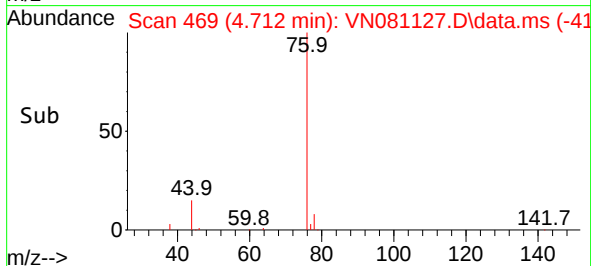
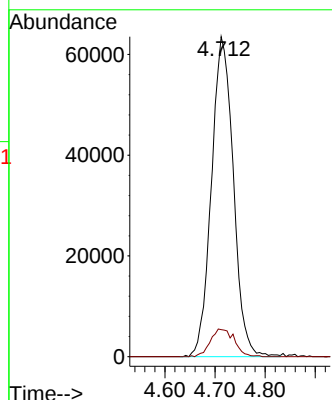
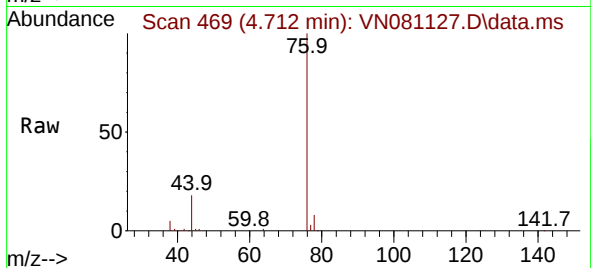
78 8.5 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#18

Methyl Acetate

Concen: 24.009 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN081127.D

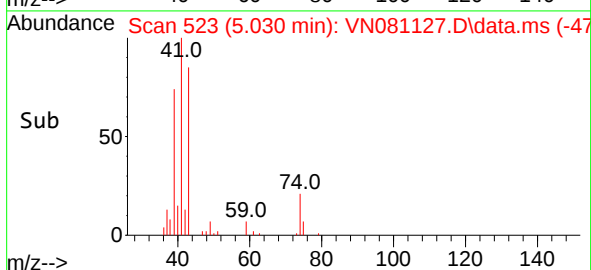
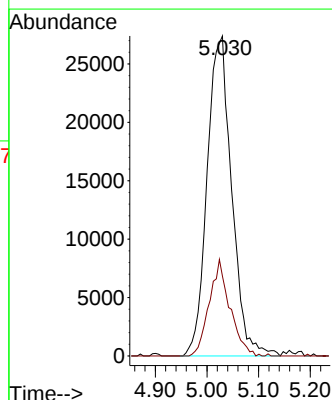
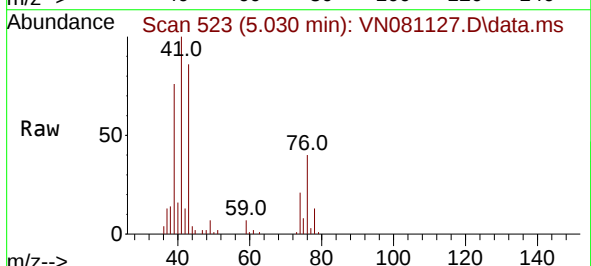
Acq: 22 Feb 2024 11:50

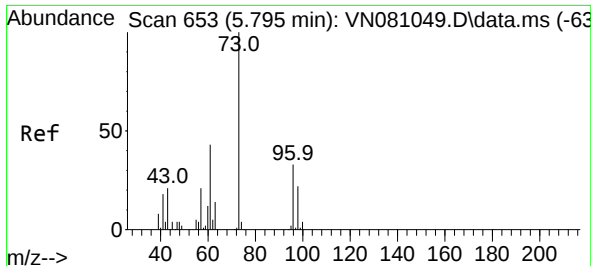
Tgt Ion: 43 Resp: 90567

Ion Ratio Lower Upper

43 100

74 25.4 17.3 25.9





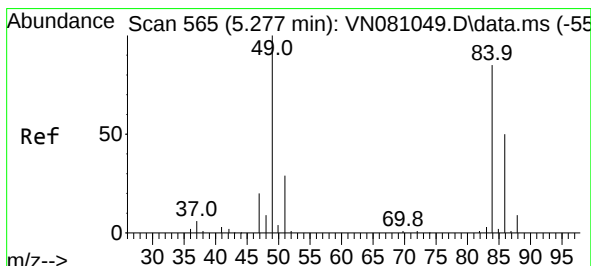
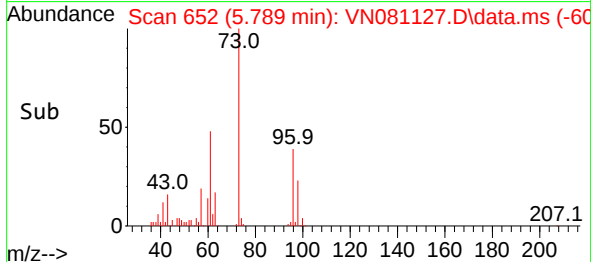
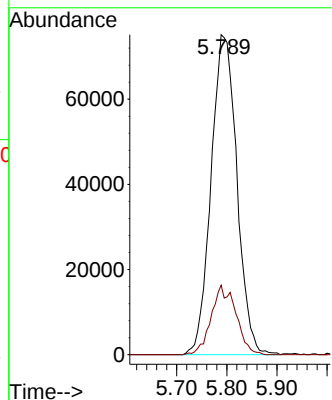
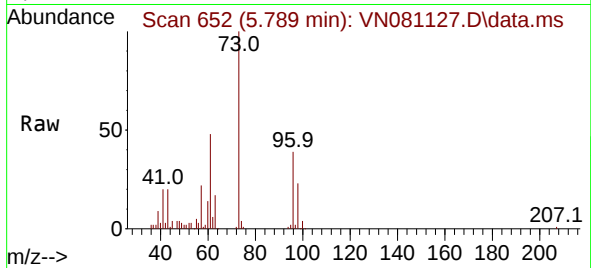
#19
Methyl tert-butyl Ether
Concen: 21.659 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion: 73 Resp: 26896
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4

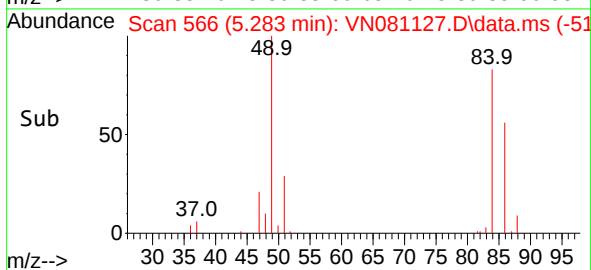
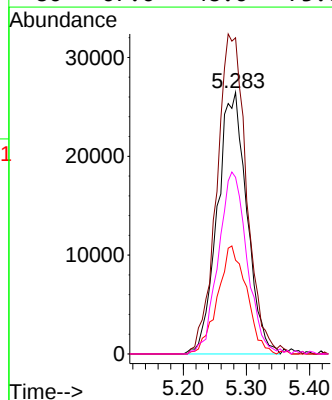
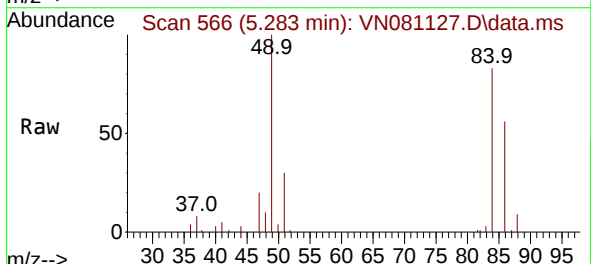
Manual Integrations
APPROVED

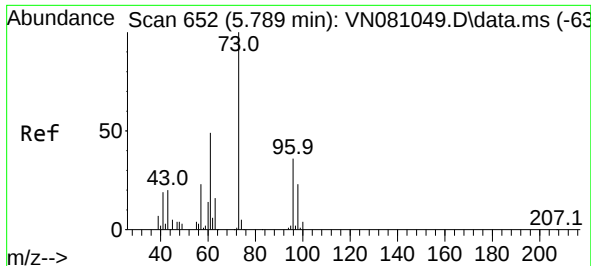
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#20
Methylene Chloride
Concen: 20.931 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

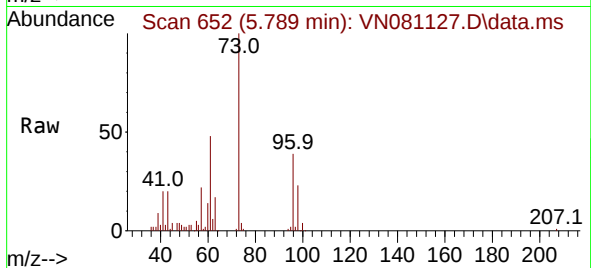
Tgt Ion: 84 Resp: 85892
Ion Ratio Lower Upper
84 100
49 120.9 108.1 162.1
51 35.8 32.9 49.3
86 67.6 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 20.751 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

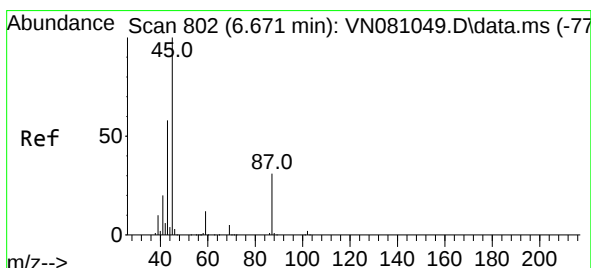
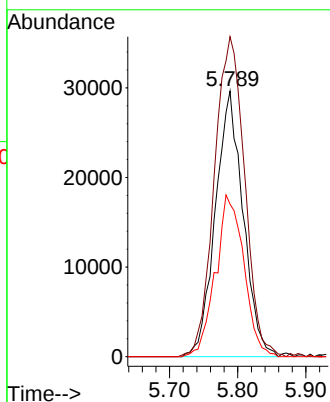
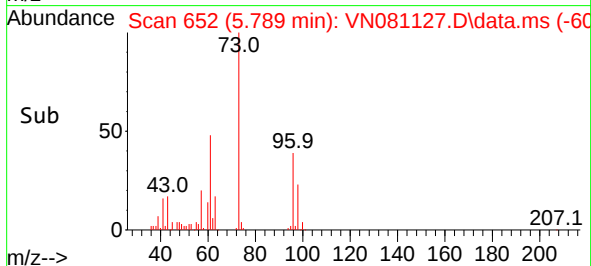
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



Tgt Ion: 96 Resp: 83940
Ion Ratio Lower Upper
96 100
61 120.5 112.8 169.2
98 57.4 51.0 76.4

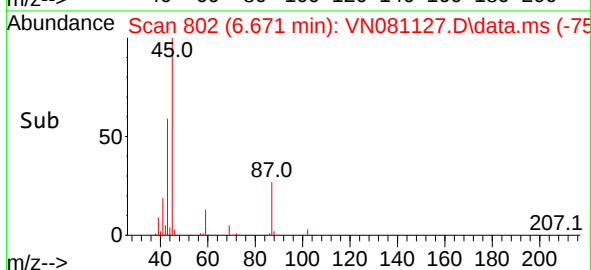
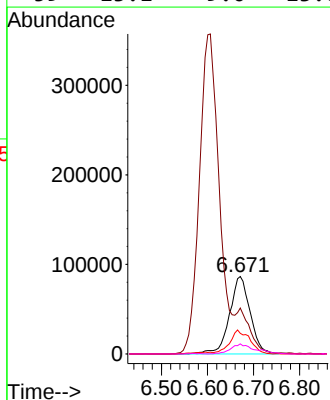
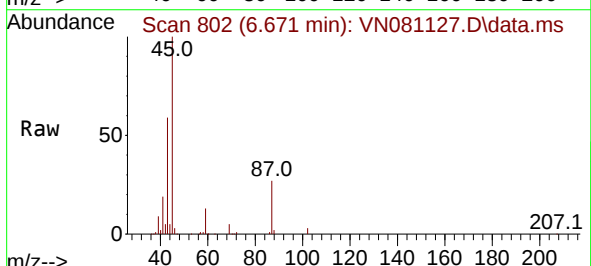
Manual Integrations
APPROVED

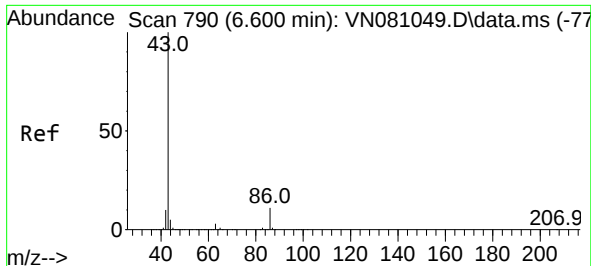
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#22
Diisopropyl ether
Concen: 21.996 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

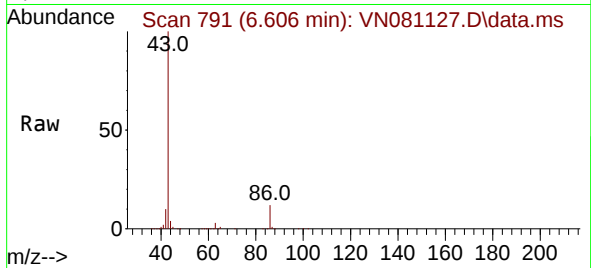
Tgt Ion: 45 Resp: 268440
Ion Ratio Lower Upper
45 100
43 58.2 41.8 62.8
87 26.4 18.1 27.1
59 13.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 108.347 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN081127.D
 Acq: 22 Feb 2024 11:50

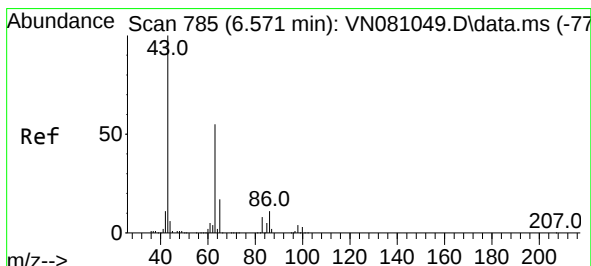
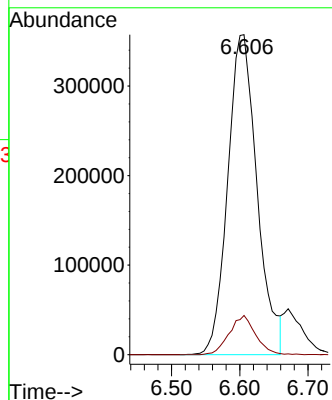
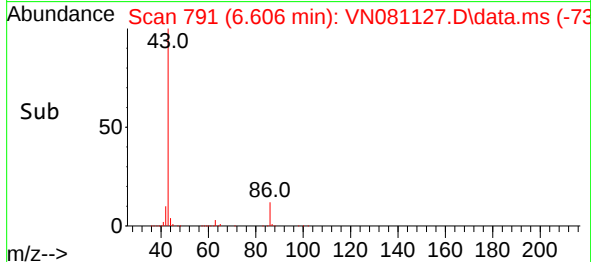
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222MBS01



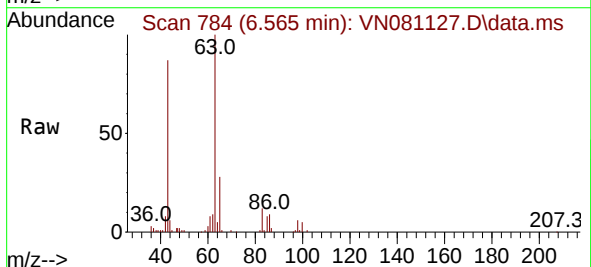
Tgt Ion: 43 Resp: 1072798
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7

Manual Integrations
 APPROVED

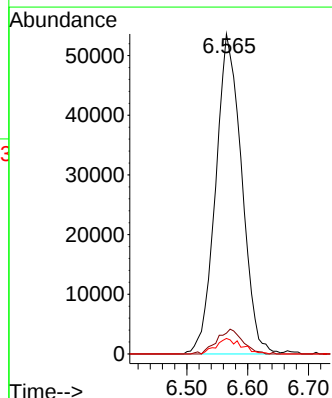
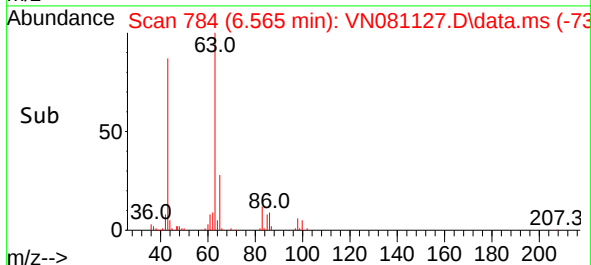
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

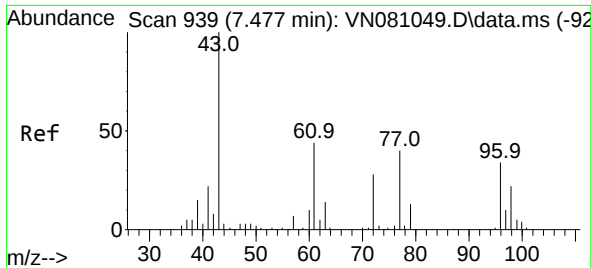


#24
 1,1-Dichloroethane
 Concen: 22.520 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081127.D
 Acq: 22 Feb 2024 11:50



Tgt Ion: 63 Resp: 158911
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.6
 100 4.9 1.9 5.7





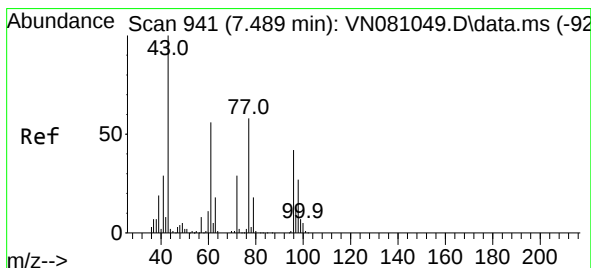
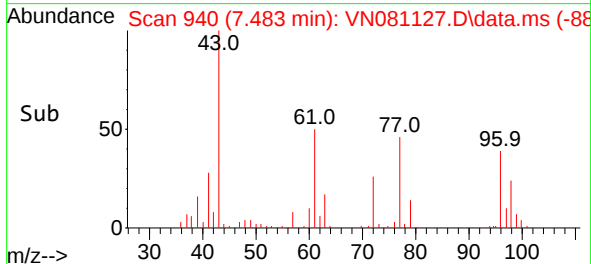
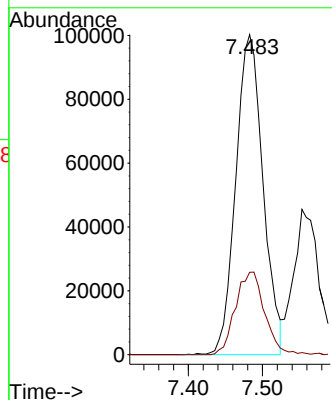
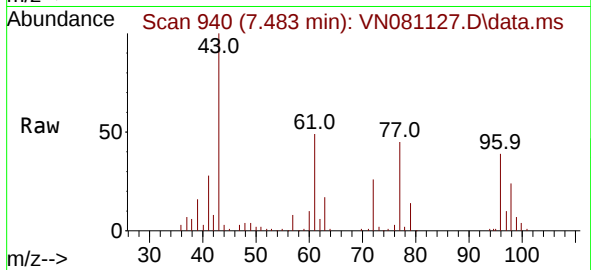
#25
2-Butanone
Concen: 102.362 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion: 43 Resp: 255719
Ion Ratio Lower Upper
43 100
72 25.8 19.5 29.3

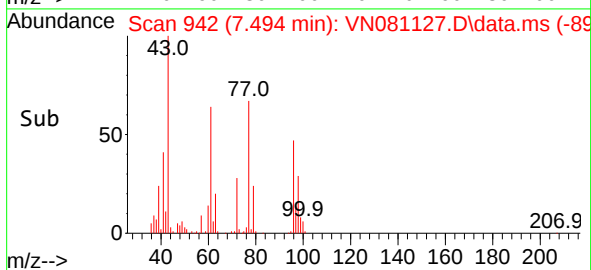
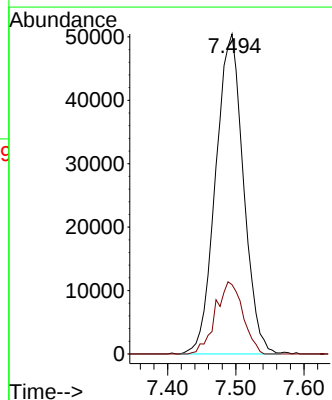
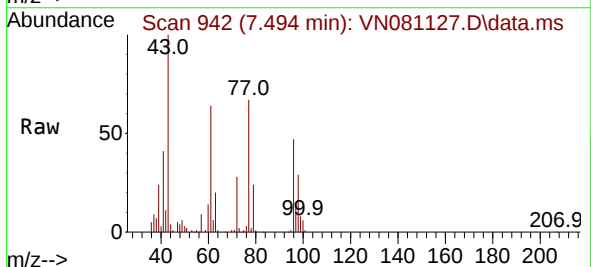
Manual Integrations
APPROVED

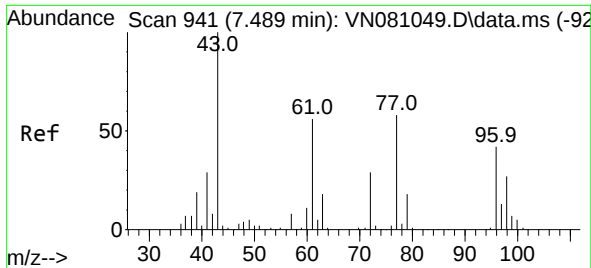
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#26
2,2-Dichloropropane
Concen: 21.689 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion: 77 Resp: 143403
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5





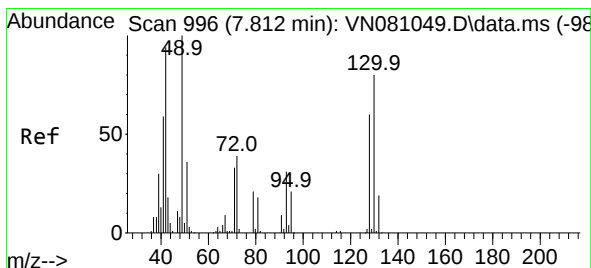
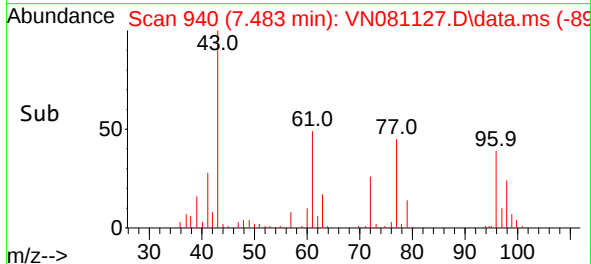
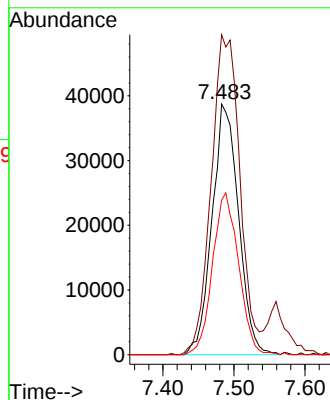
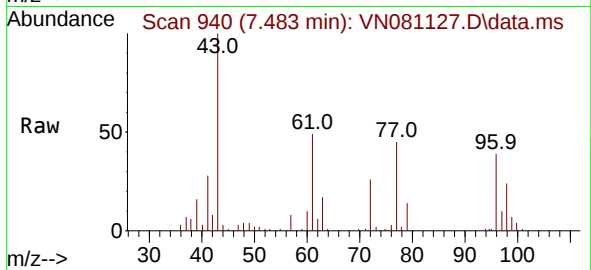
#27
 cis-1,2-Dichloroethene
 Concen: 21.363 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081127.D
 Acq: 22 Feb 2024 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222MBS01

Tgt Ion: 96 Resp: 10040
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 325.4
 98 63.5 0.0 130.4

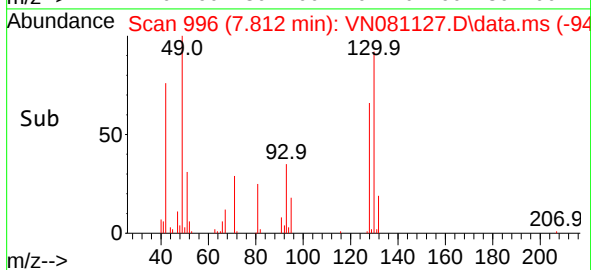
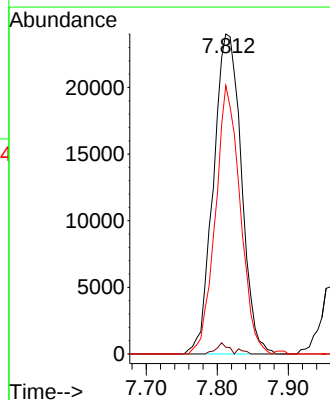
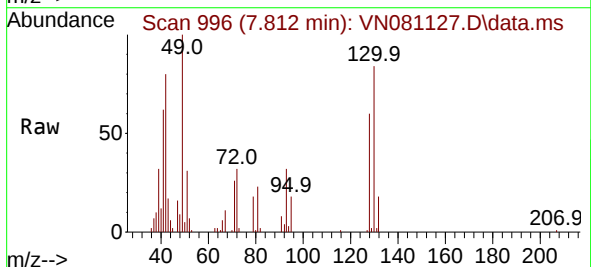
Manual Integrations
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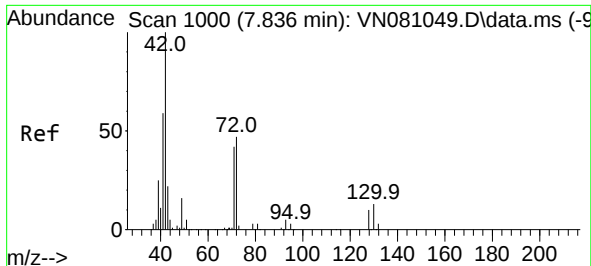
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#28
 Bromochloromethane
 Concen: 22.419 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081127.D
 Acq: 22 Feb 2024 11:50

Tgt Ion: 49 Resp: 65585
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 1.6
 130 74.2 42.3 63.5#





#29

Tetrahydrofuran

Concen: 106.793 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0222MBS01

Tgt Ion: 42 Resp: 178094

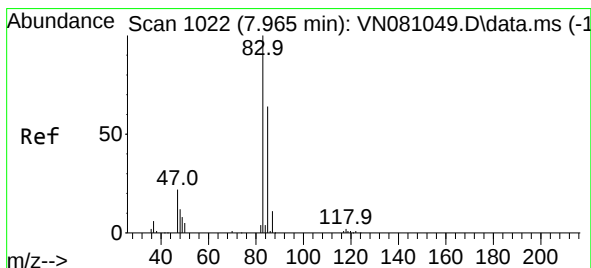
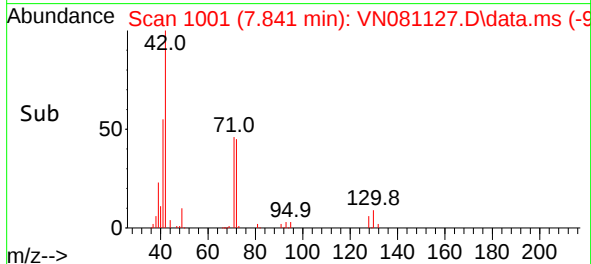
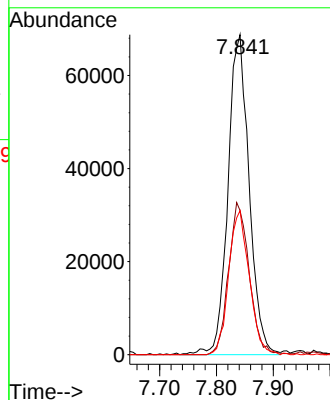
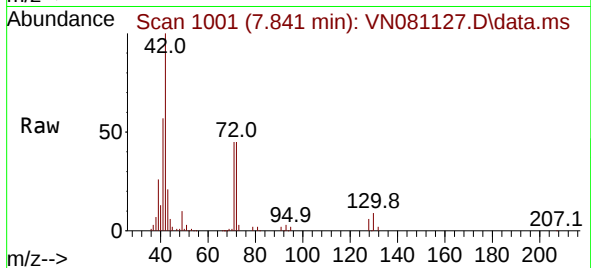
Ion	Ratio	Lower	Upper
42	100		
72	46.5	31.1	46.7
71	43.7	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#30

Chloroform

Concen: 21.986 ug/l

RT: 7.965 min Scan# 1022

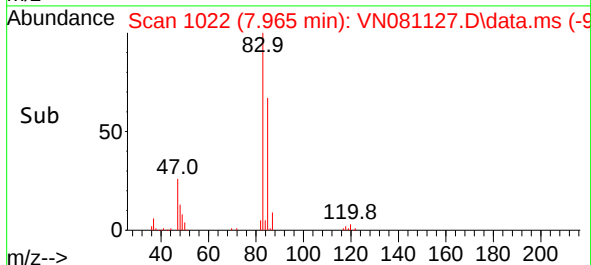
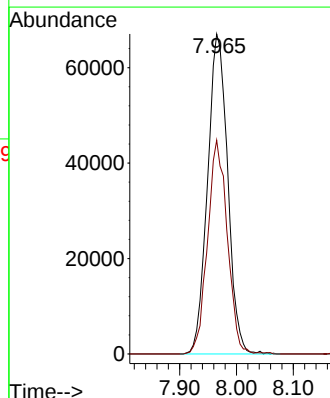
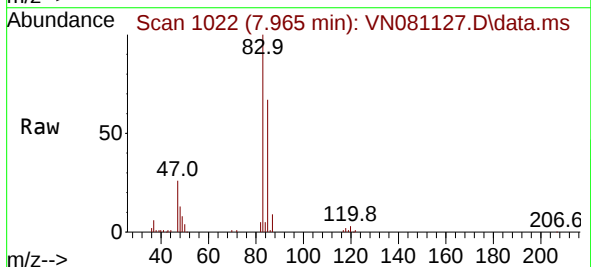
Delta R.T. 0.000 min

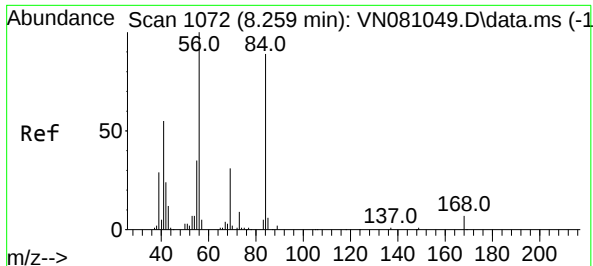
Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Tgt Ion: 83 Resp: 164929

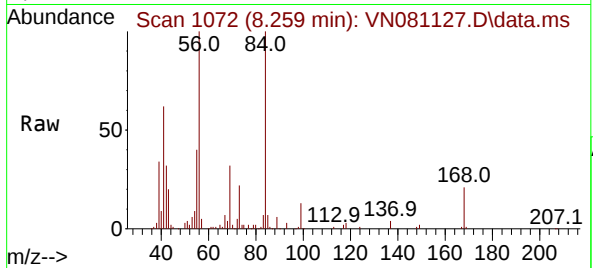
Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.0	76.6





#31
Cyclohexane
Concen: 20.424 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

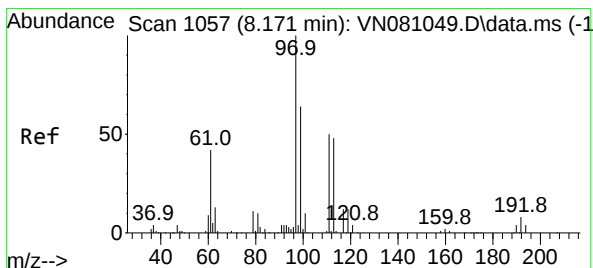
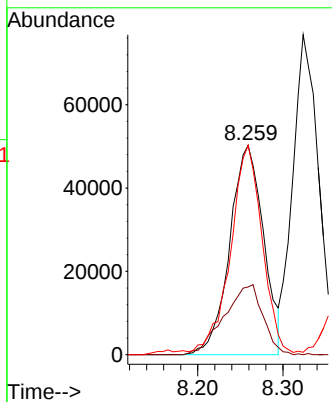
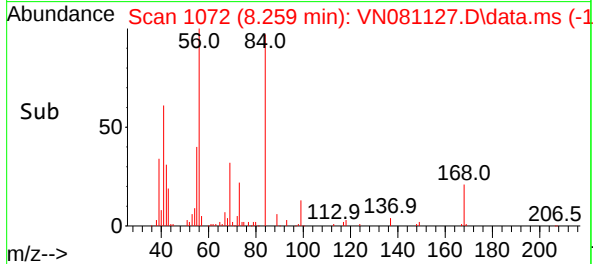
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



Tgt Ion: 56 Resp: 138592
Ion Ratio Lower Upper
56 100
69 32.3 20.1 30.1
84 97.7 56.9 85.3

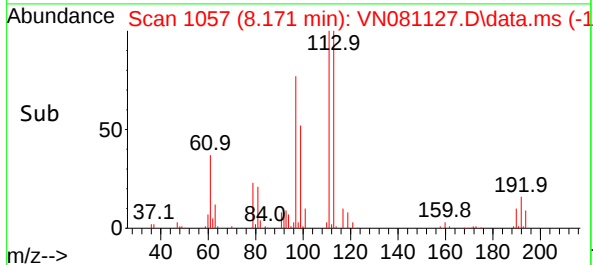
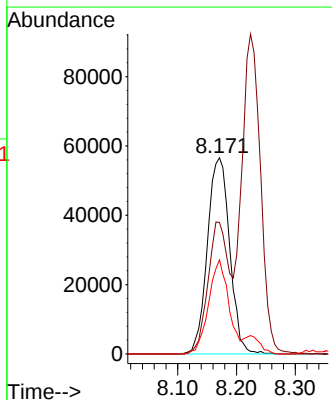
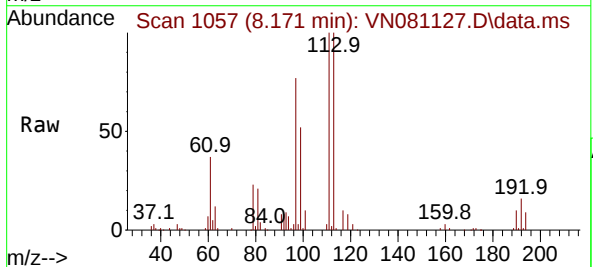
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APPROVED

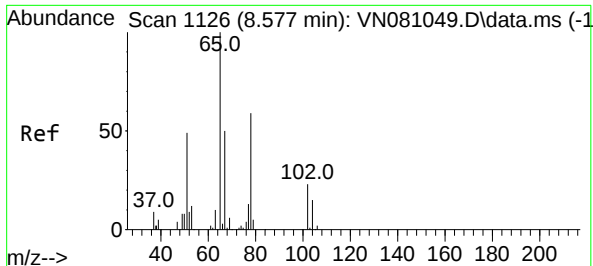
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#32
1,1,1-Trichloroethane
Concen: 21.836 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion: 97 Resp: 149180
Ion Ratio Lower Upper
97 100
99 64.1 53.4 80.0
61 43.2 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 52.370 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0222MBS01

Tgt Ion: 65 Resp: 20581

Ion Ratio Lower Upper

65 100

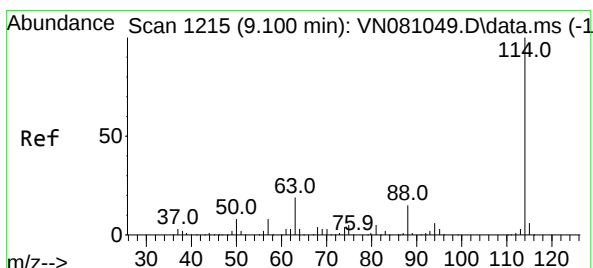
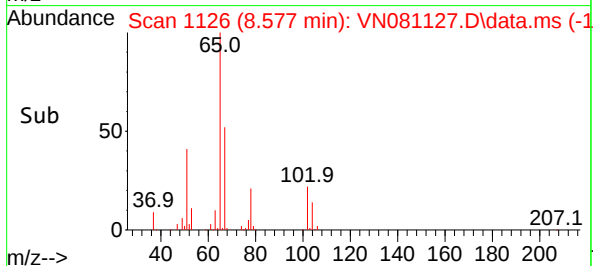
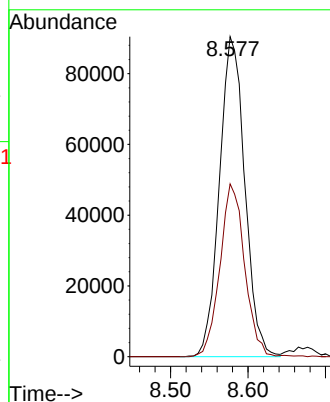
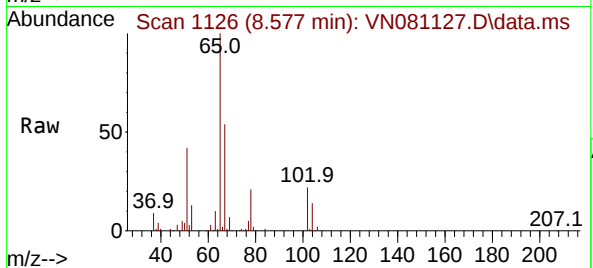
67 52.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

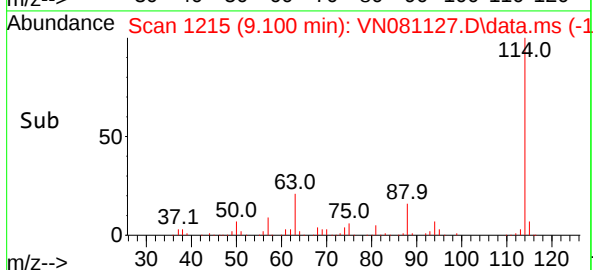
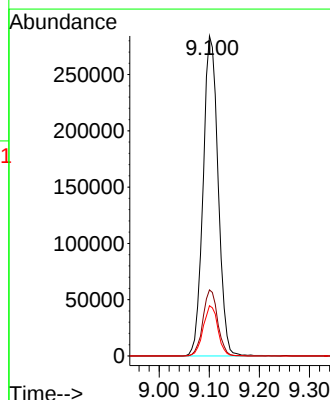
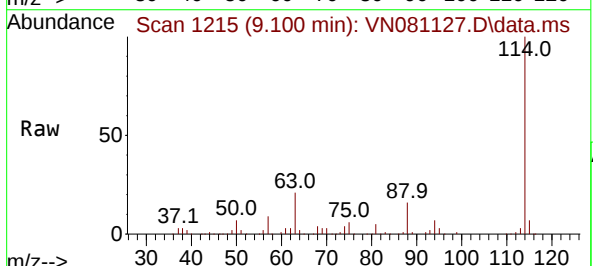
Tgt Ion:114 Resp: 590691

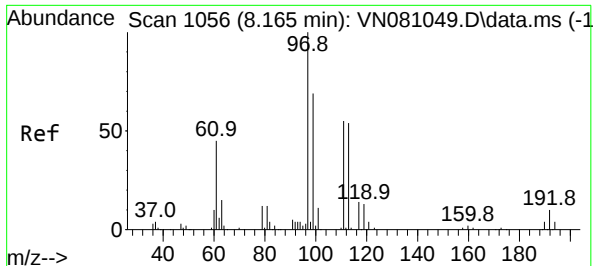
Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

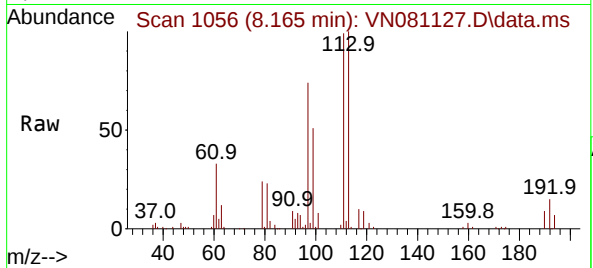
88 15.7 0.0 34.8





#35
Dibromofluoromethane
Concen: 53.511 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

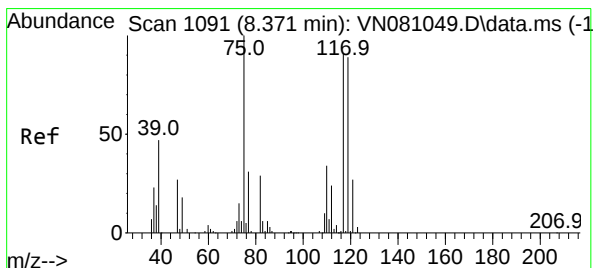
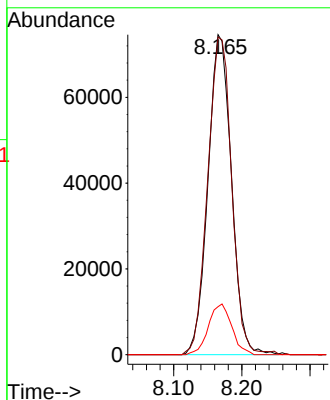
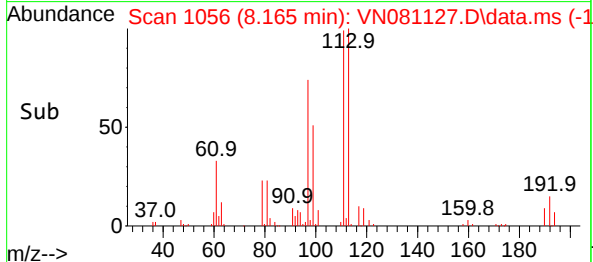
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



Tgt Ion:113 Resp: 178730
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 15.7 12.5 18.7

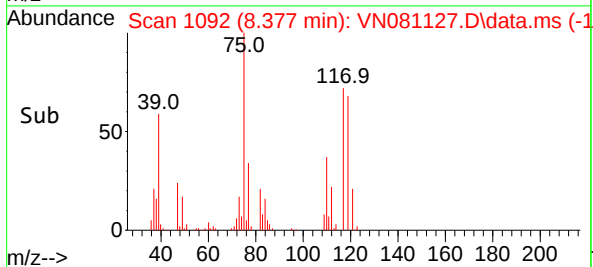
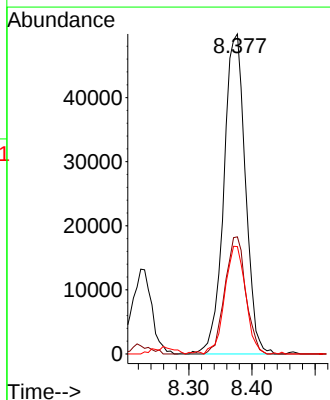
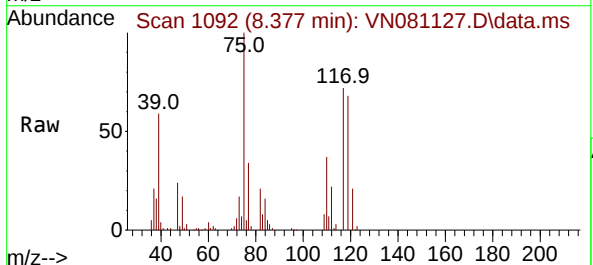
Manual Integrations
APPROVED

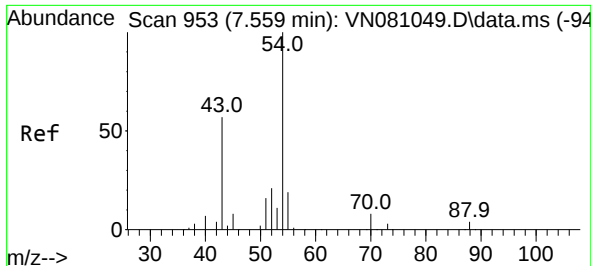
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#36
1,1-Dichloropropene
Concen: 20.707 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion: 75 Resp: 118493
Ion Ratio Lower Upper
75 100
110 35.5 16.0 48.0
77 32.5 25.8 38.6





#37

Ethyl Acetate

Concen: 21.612 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0222MBS01

Tgt Ion: 43 Resp: 111610

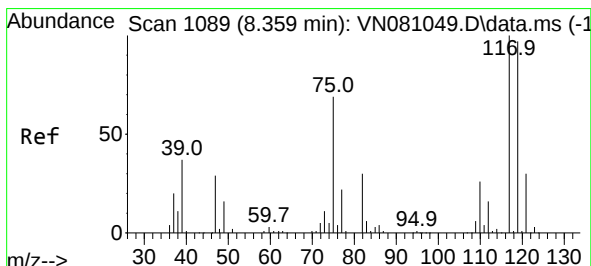
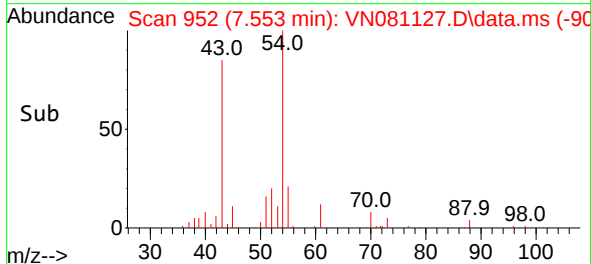
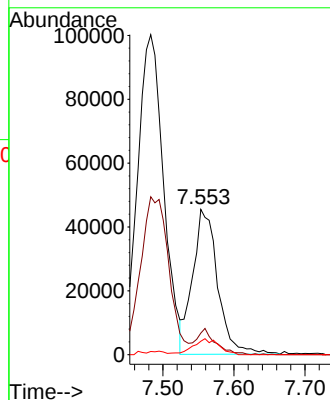
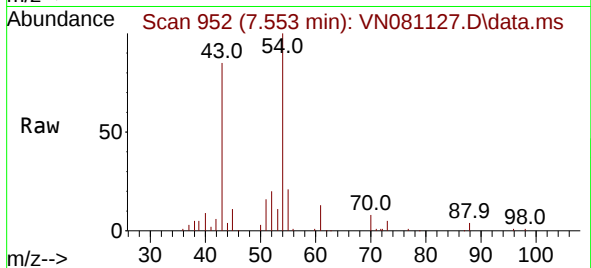
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	15.8
70	11.2	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#38

Carbon Tetrachloride

Concen: 21.710 ug/l

RT: 8.365 min Scan# 1090

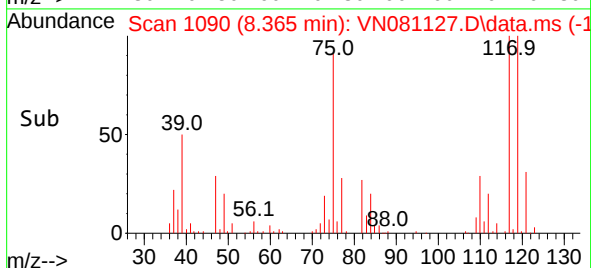
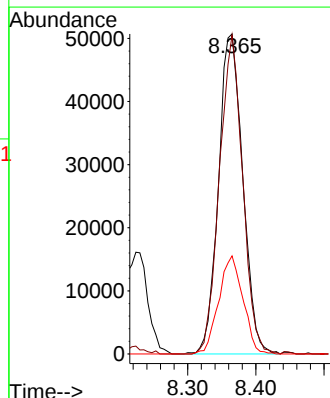
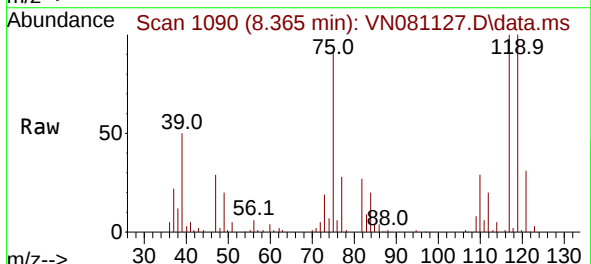
Delta R.T. 0.006 min

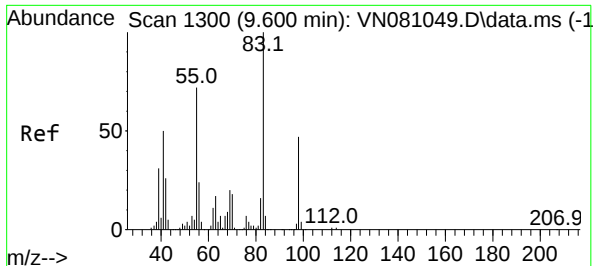
Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Tgt Ion:117 Resp: 125691

Ion	Ratio	Lower	Upper
117	100		
119	99.6	73.4	110.2
121	30.7	24.4	36.6





#39

Methylcyclohexane

Concen: 21.665 ug/l

RT: 9.600 min Scan# 1112

Delta R.T. 0.000 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0222MBS01

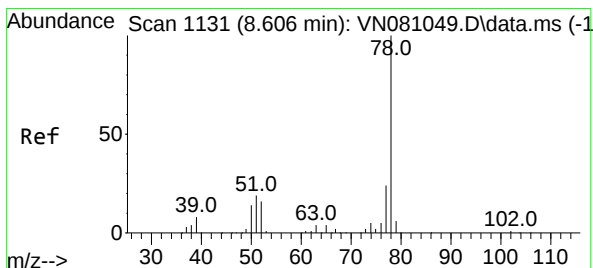
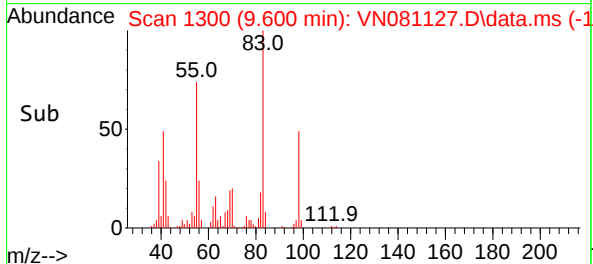
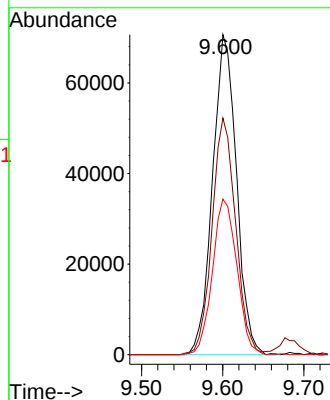
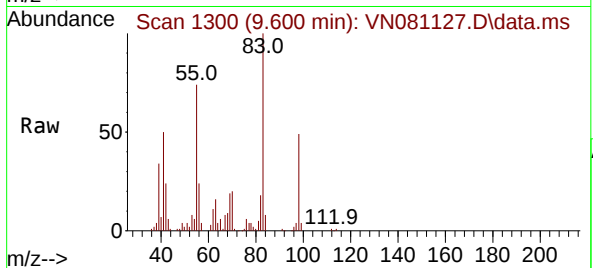
Tgt Ion:	83	Resp:	14452
Ion Ratio	Lower	Upper	
83	100		
55	73.9	65.7	98.5
98	48.6	33.8	50.6

Manual Integrations

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Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#40

Benzene

Concen: 21.858 ug/l

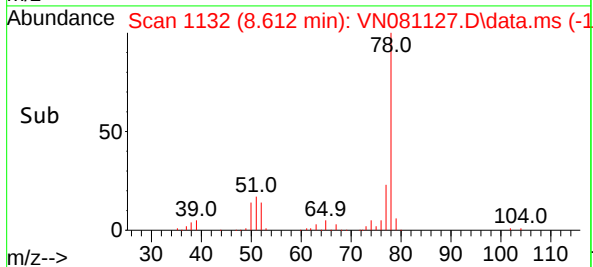
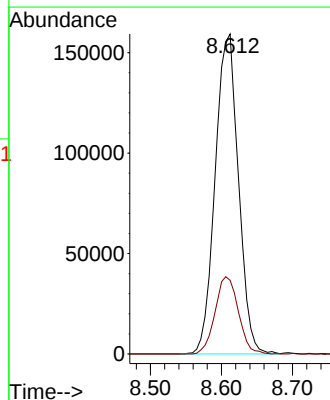
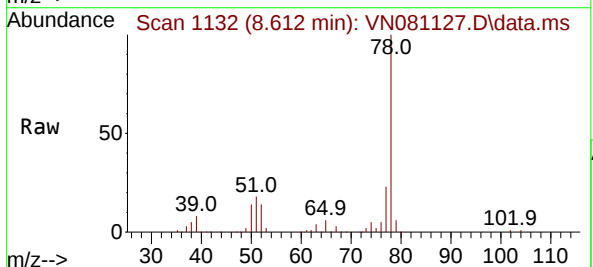
RT: 8.612 min Scan# 1132

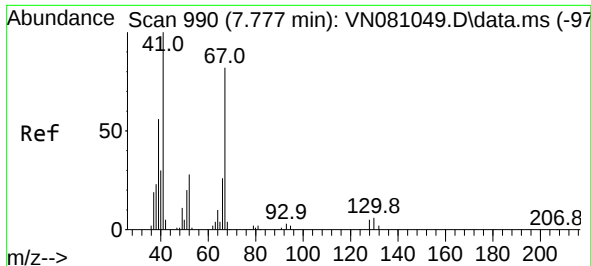
Delta R.T. 0.006 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Tgt Ion:	78	Resp:	362044
Ion Ratio	Lower	Upper	
78	100		
77	23.0	20.4	30.6





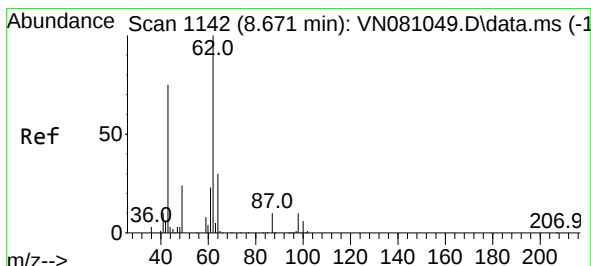
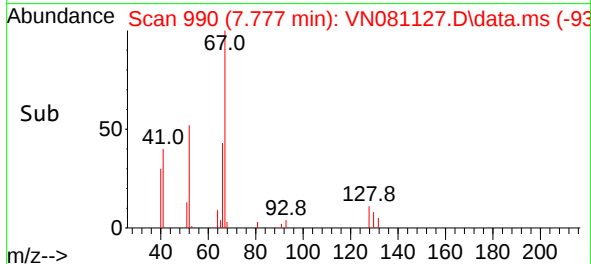
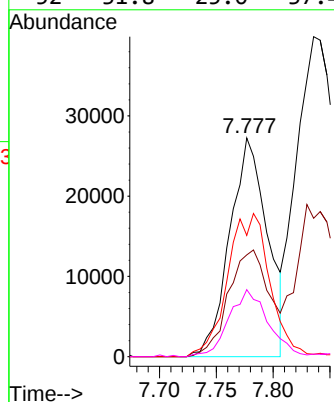
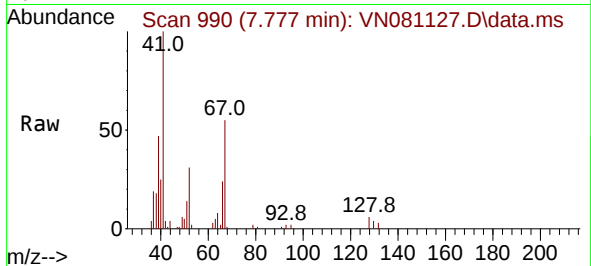
#41
Methacrylonitrile
Concen: 21.393 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion: 41 Resp: 62880
Ion Ratio Lower Upper
41 100
39 53.0 48.4 72.6
67 73.8 56.8 85.2
52 31.8 25.0 37.4

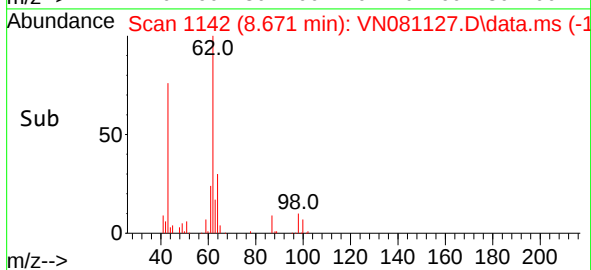
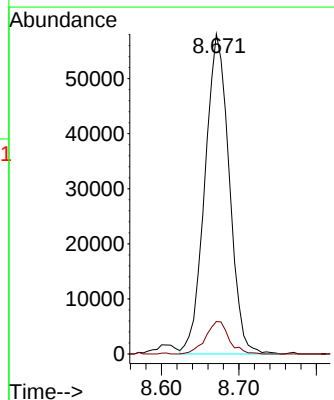
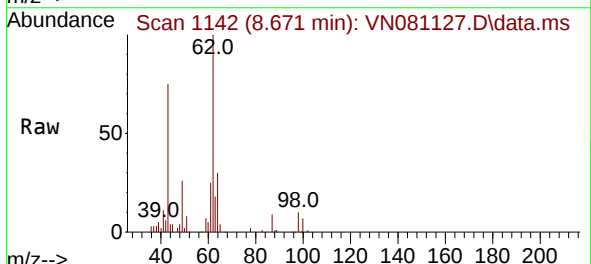
Manual Integrations
APPROVED

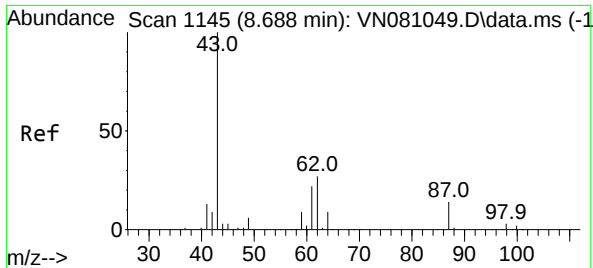
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#42
1,2-Dichloroethane
Concen: 21.903 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion: 62 Resp: 126572
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.0





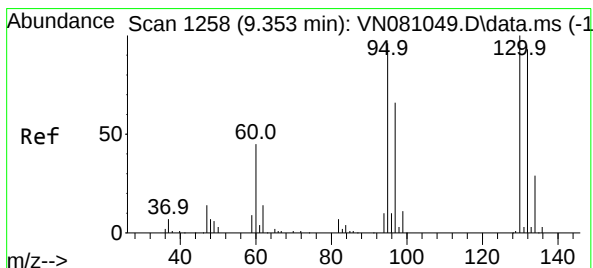
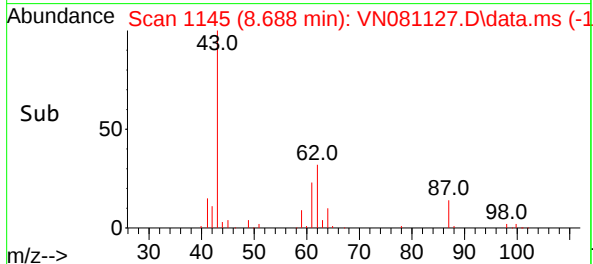
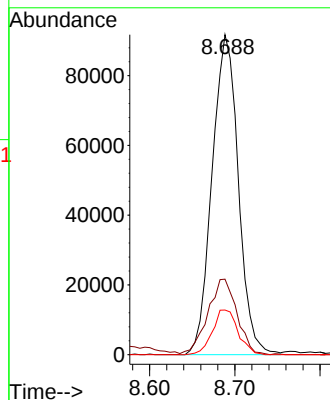
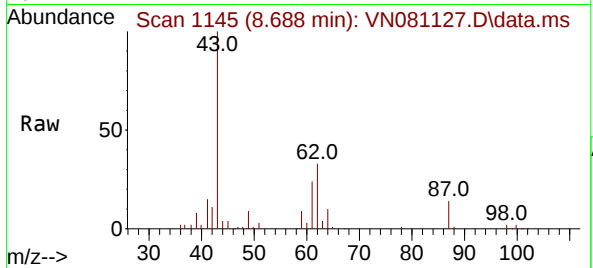
#43
Isopropyl Acetate
Concen: 21.768 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion: 43 Resp: 196610
Ion Ratio Lower Upper
43 100
61 26.1 19.9 29.9
87 13.6 9.0 13.6

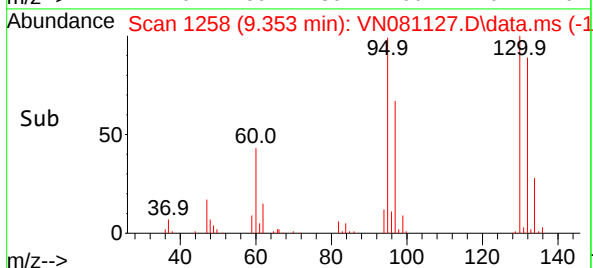
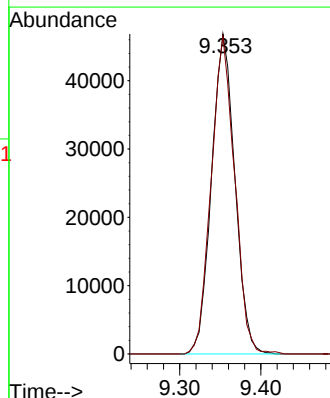
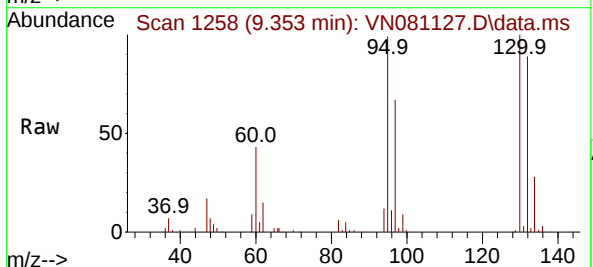
Manual Integrations
APPROVED

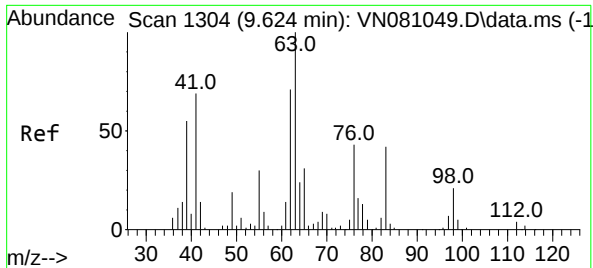
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#44
Trichloroethene
Concen: 21.210 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion:130 Resp: 93571
Ion Ratio Lower Upper
130 100
95 99.2 0.0 210.4





#45

1,2-Dichloropropane

Concen: 22.050 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0222MBS01

Tgt Ion: 63 Resp: 9136

Ion Ratio Lower Upper

63 100

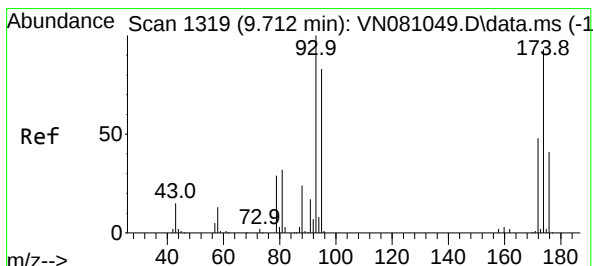
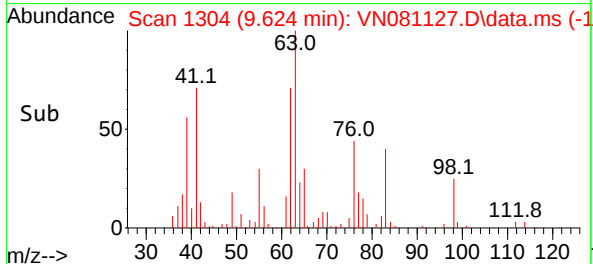
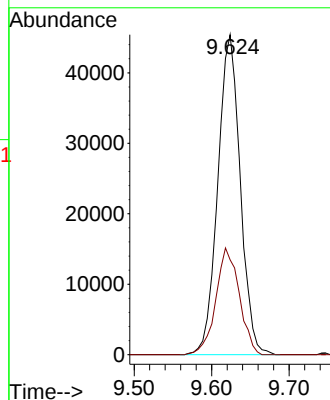
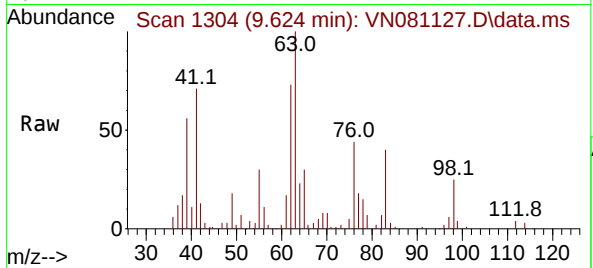
65 29.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#46

Dibromomethane

Concen: 21.915 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

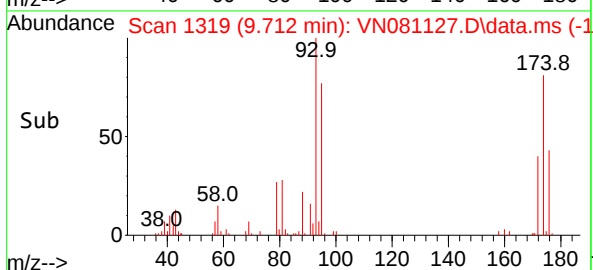
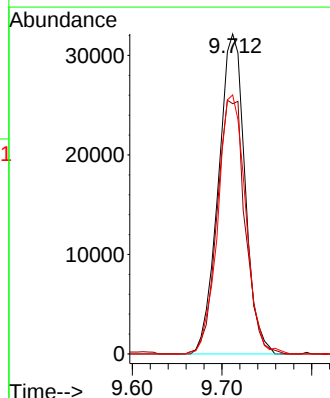
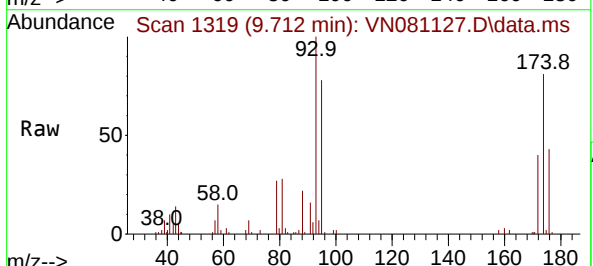
Tgt Ion: 93 Resp: 66159

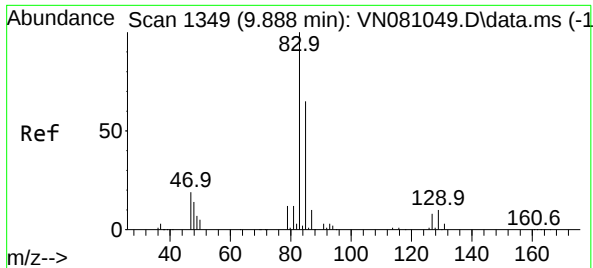
Ion Ratio Lower Upper

93 100

95 83.7 68.1 102.1

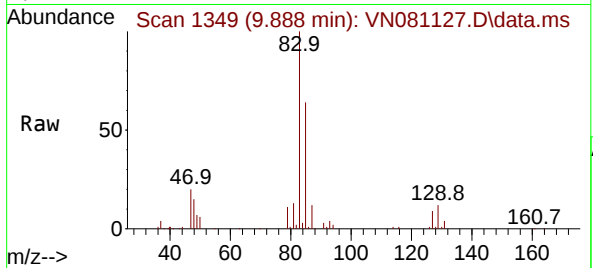
174 84.5 57.2 85.8





#47
Bromodichloromethane
Concen: 22.467 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

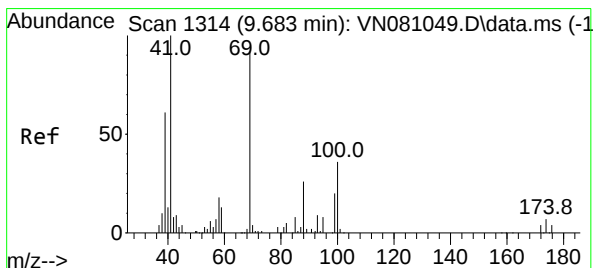
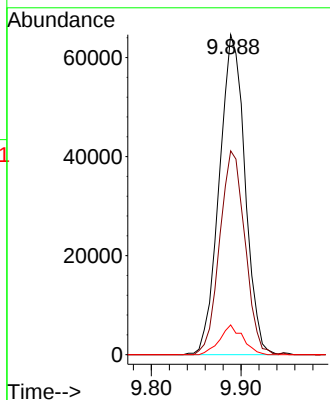
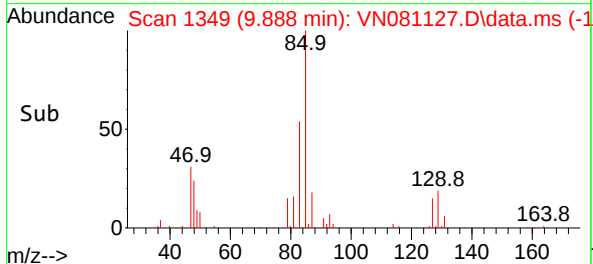
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



Tgt Ion: 83 Resp: 12845
Ion Ratio Lower Upper
83 100
85 63.7 52.3 78.5
127 9.3 4.6 7.0

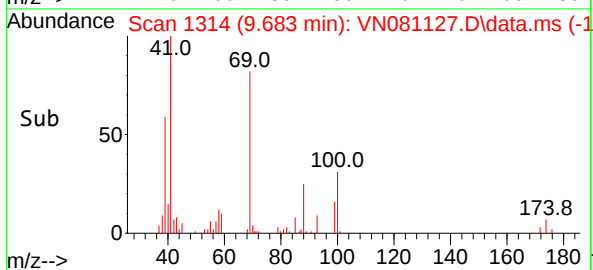
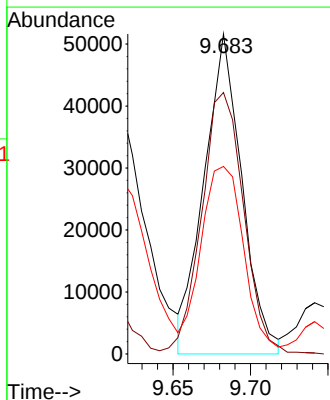
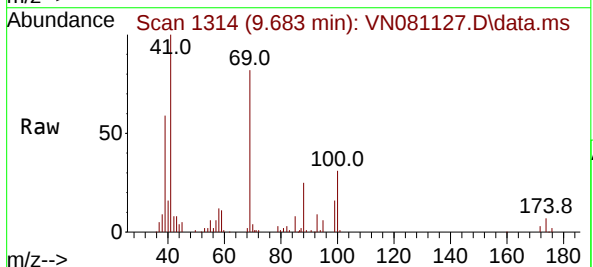
Manual Integrations
APPROVED

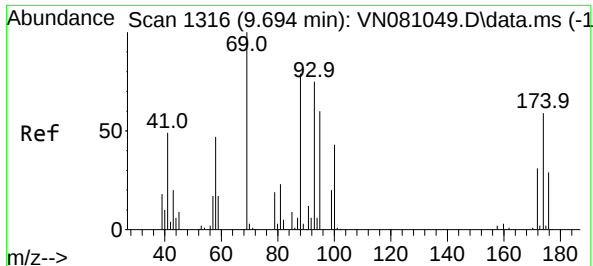
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#48
Methyl methacrylate
Concen: 20.848 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion: 41 Resp: 87622
Ion Ratio Lower Upper
41 100
69 91.0 62.2 93.2
39 66.6 47.6 71.4





#49

1,4-Dioxane

Concen: 413.462 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0222MBS01

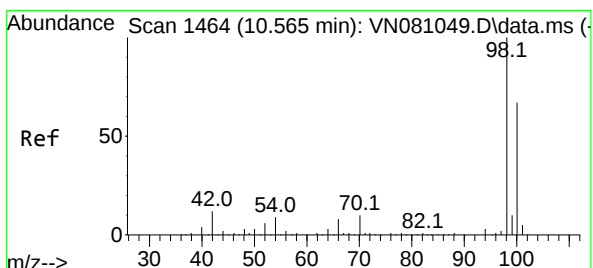
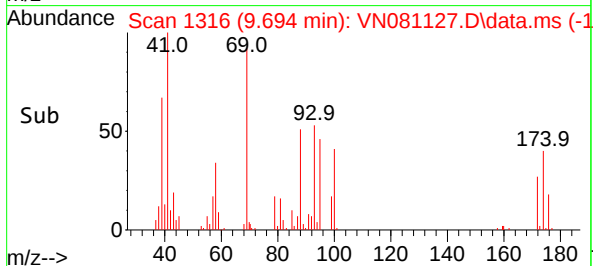
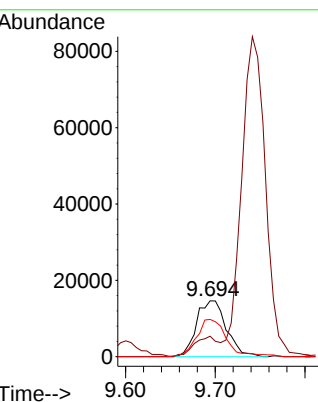
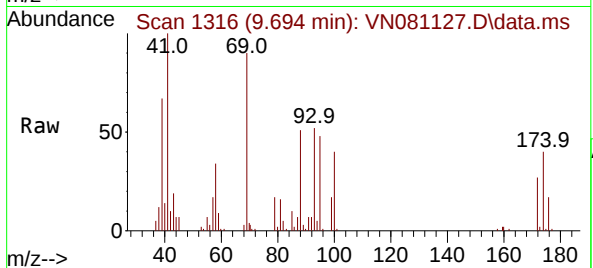
Tgt Ion:	88	Resp:	33789
Ion Ratio	Lower	Upper	
88	100		
43	29.8	30.1	45.1
58	67.1	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#50

Toluene-d8

Concen: 51.374 ug/l

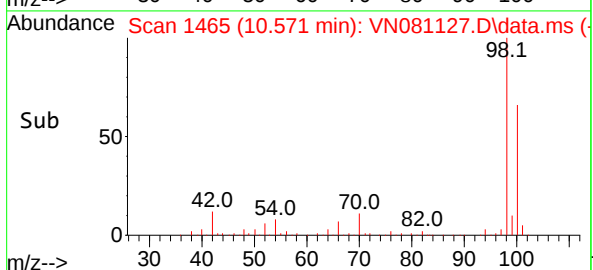
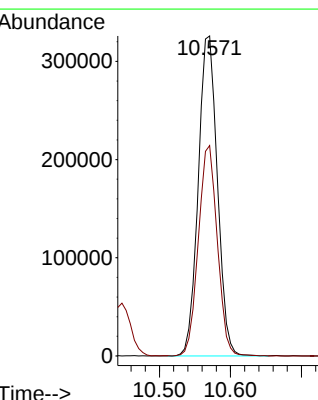
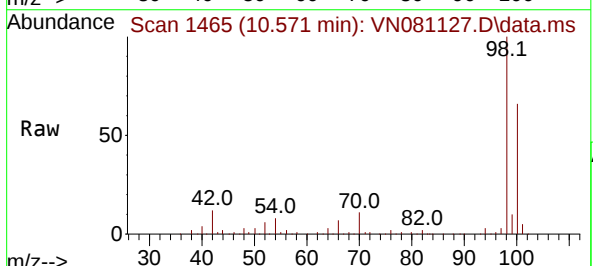
RT: 10.571 min Scan# 1465

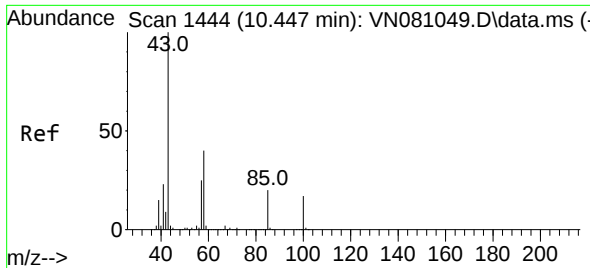
Delta R.T. 0.006 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

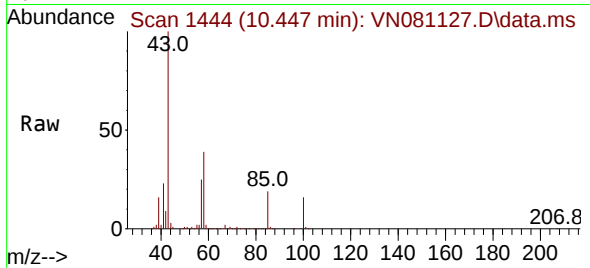
Tgt Ion:	98	Resp:	609467
Ion Ratio	Lower	Upper	
98	100		
100	65.1	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 112.991 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

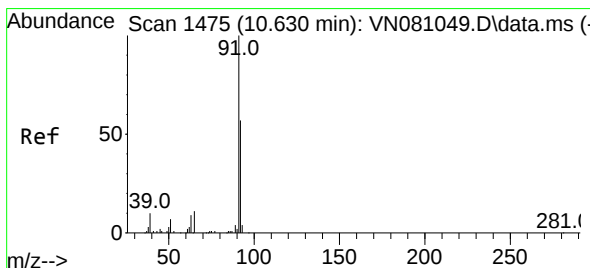
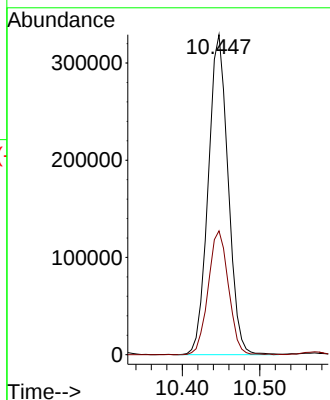
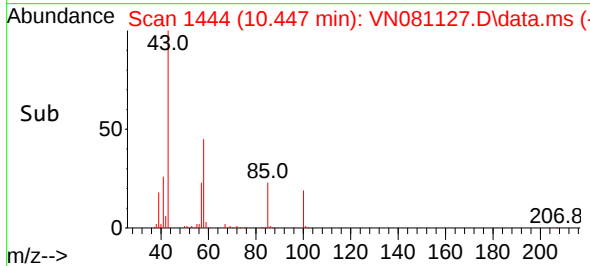
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



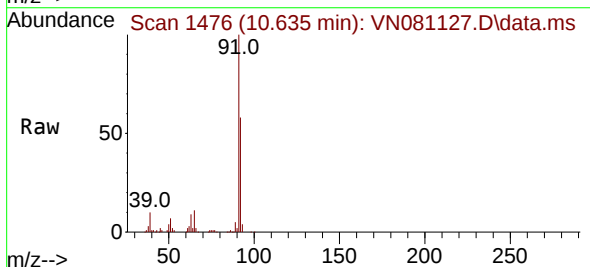
Tgt Ion: 43 Resp: 587099
Ion Ratio Lower Upper
43 100
58 39.4 29.4 44.0

Manual Integrations
APPROVED

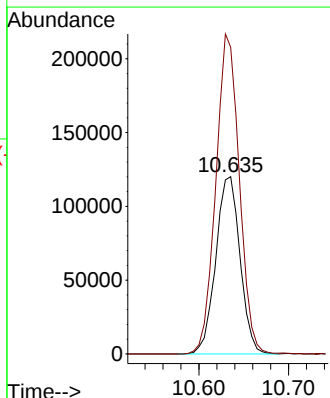
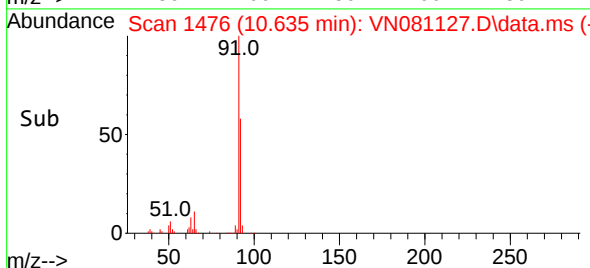
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

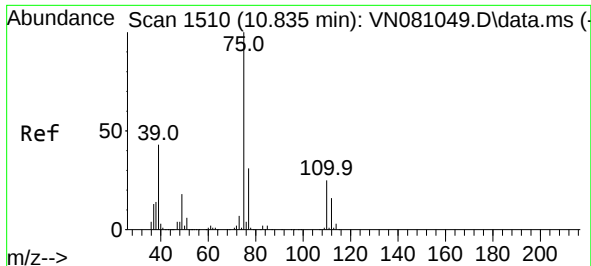


#52
Toluene
Concen: 21.488 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50



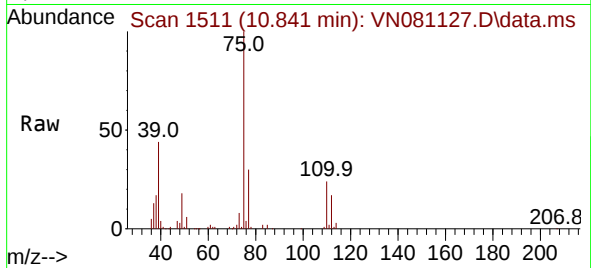
Tgt Ion: 92 Resp: 225318
Ion Ratio Lower Upper
92 100
91 175.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 21.450 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

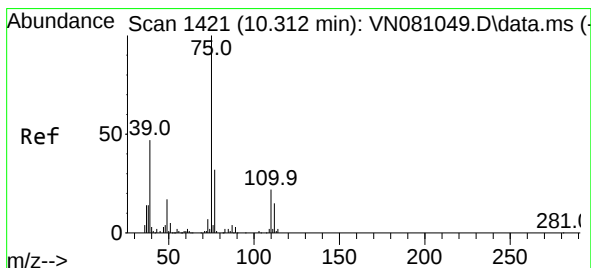
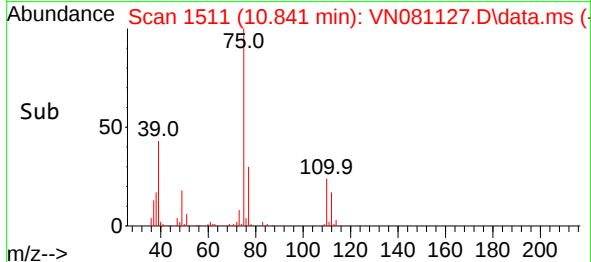
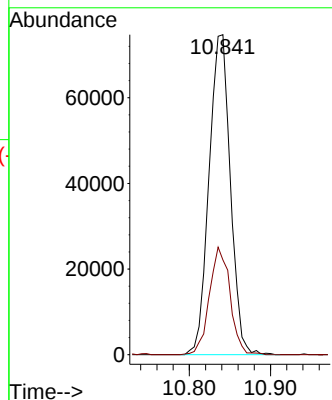
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



Tgt Ion: 75 Resp: 136284
Ion Ratio Lower Upper
75 100
77 29.6 25.5 38.3

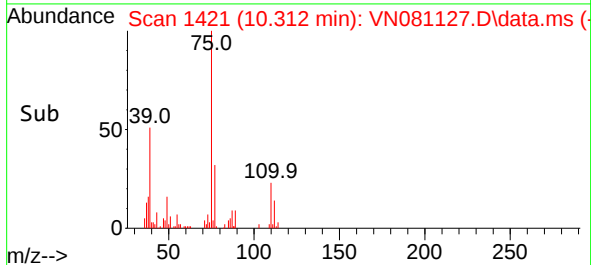
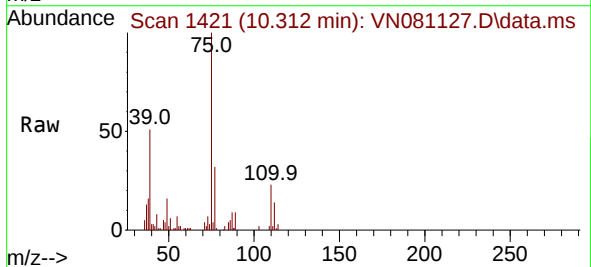
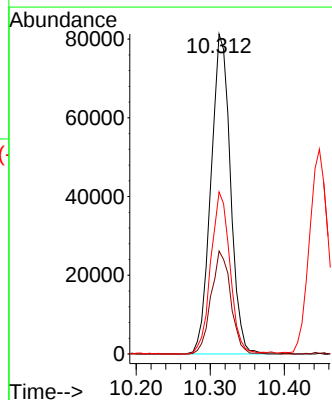
Manual Integrations
APPROVED

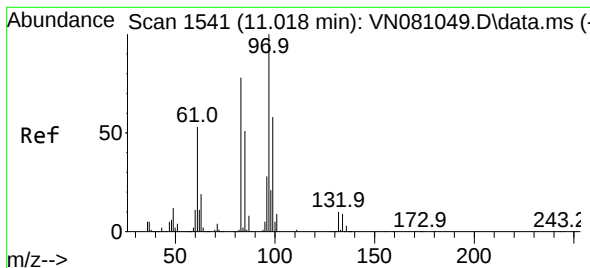
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#54
cis-1,3-Dichloropropene
Concen: 21.658 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

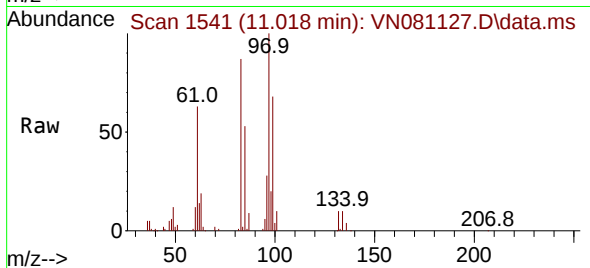
Tgt Ion: 75 Resp: 148673
Ion Ratio Lower Upper
75 100
77 32.1 23.3 34.9
39 50.6 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 22.795 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

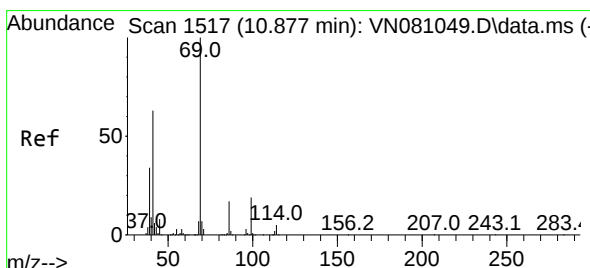
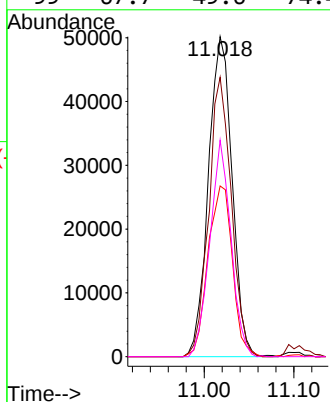
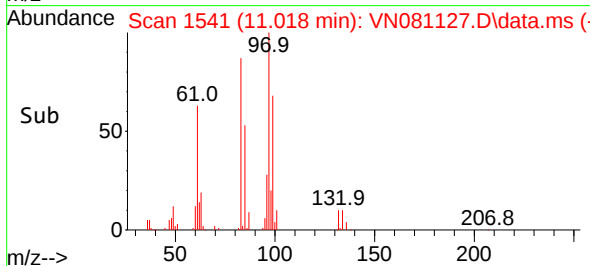
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



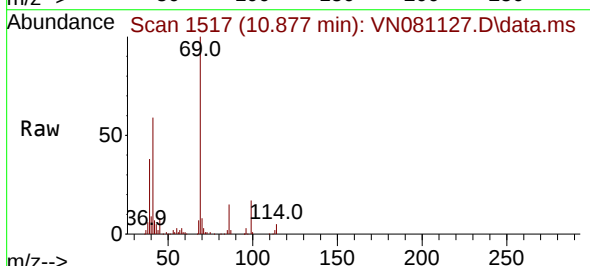
Tgt Ion: 97	Resp: 91930
Ion Ratio	Lower Upper
97 100	
83 87.3	72.9 109.3
85 53.4	50.2 75.2
99 67.7	49.6 74.4

Manual Integrations
APPROVED

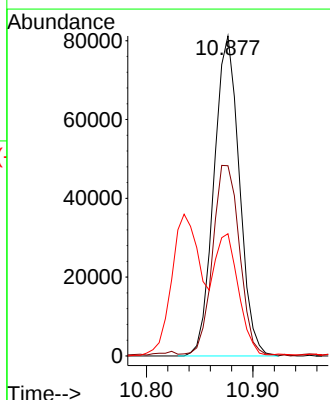
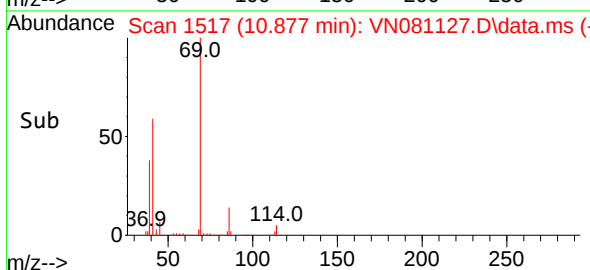
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#56
Ethyl methacrylate
Concen: 21.829 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50



Tgt Ion: 69	Resp: 134550
Ion Ratio	Lower Upper
69 100	
41 63.5	61.0 91.6
39 34.5	31.8 47.6





#57

1,3-Dichloropropane

Concen: 22.616 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0222MBS01

Tgt Ion: 76 Resp: 15771

Ion Ratio Lower Upper

76 100

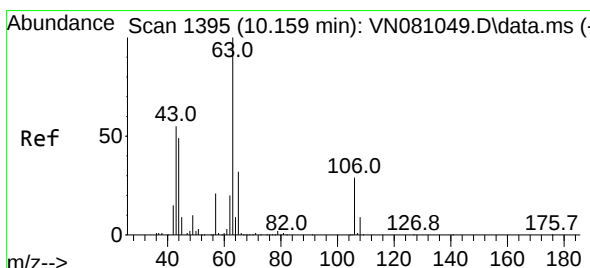
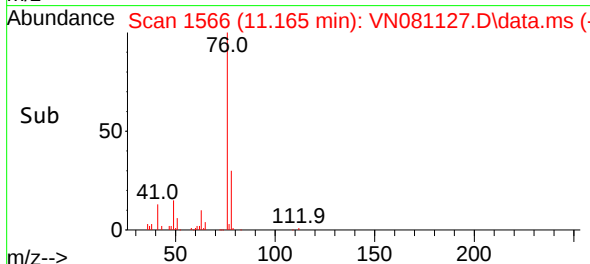
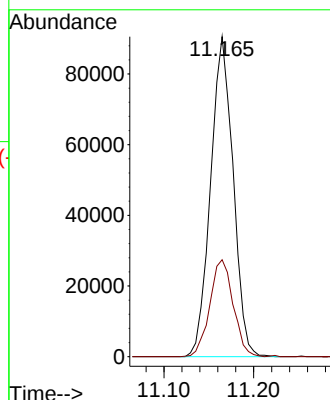
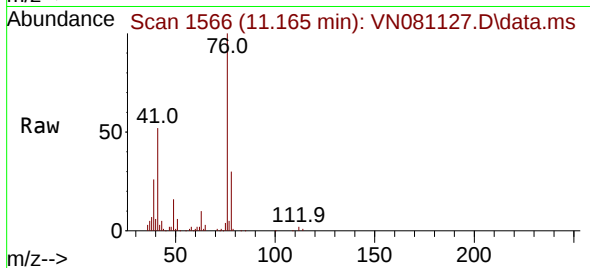
78 31.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 88.962 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081127.D

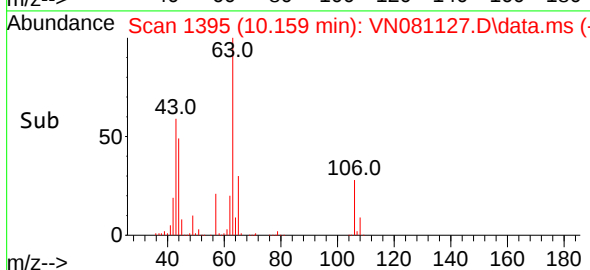
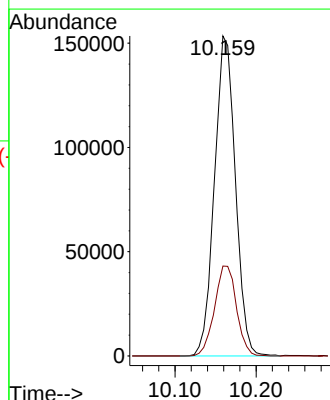
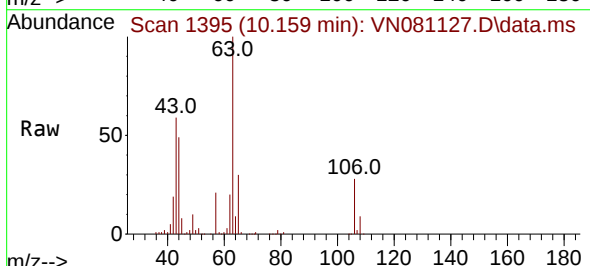
Acq: 22 Feb 2024 11:50

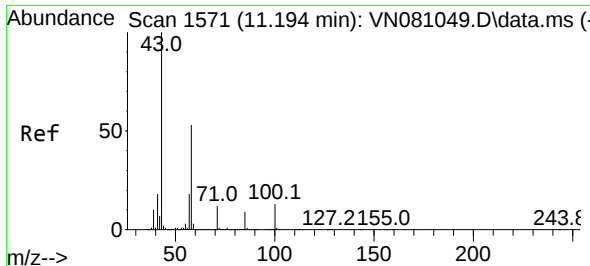
Tgt Ion: 63 Resp: 275134

Ion Ratio Lower Upper

63 100

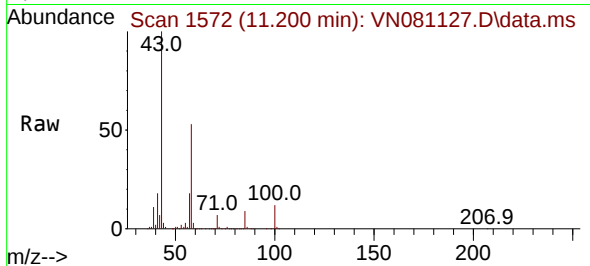
106 29.4 18.6 28.0#





#59
2-Hexanone
Concen: 103.250 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

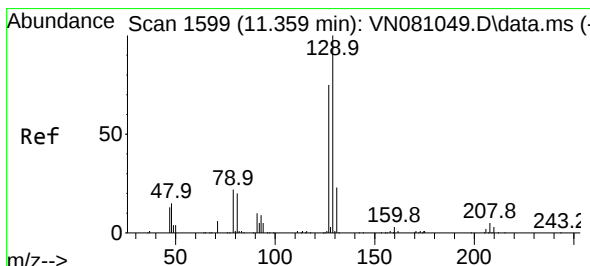
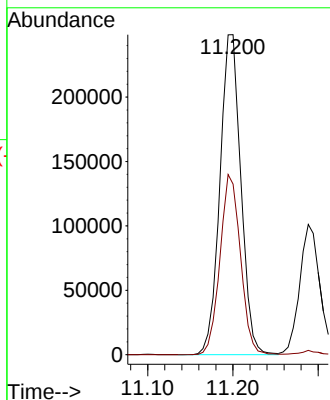
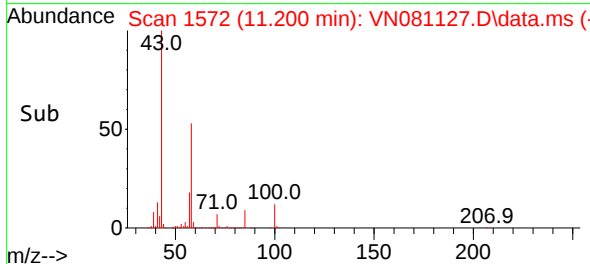
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



Tgt Ion: 43 Resp: 425329
Ion Ratio Lower Upper
43 100
58 54.9 25.9 77.8

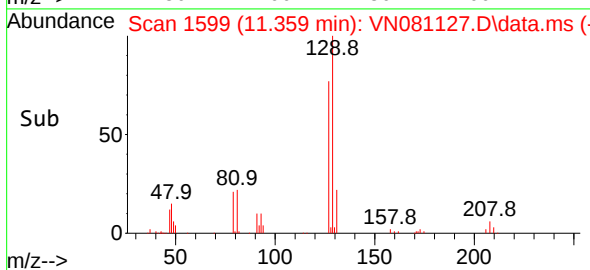
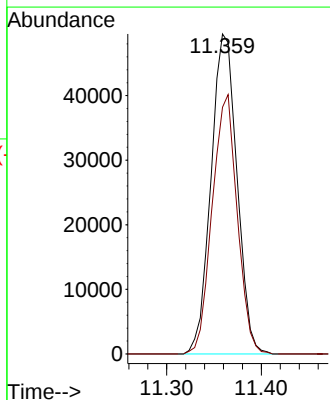
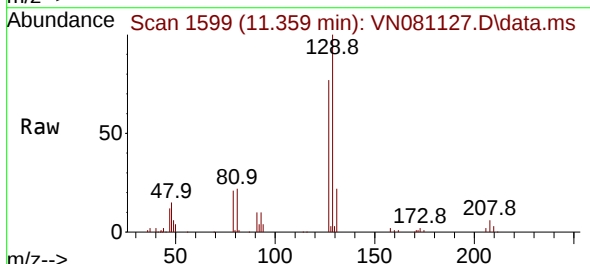
Manual Integrations
APPROVED

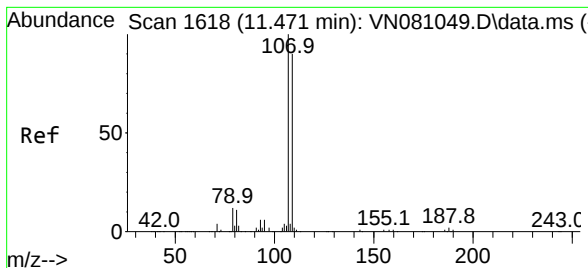
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#60
Dibromochloromethane
Concen: 22.082 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

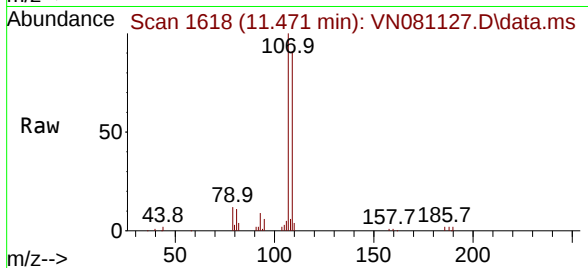
Tgt Ion:129 Resp: 94610
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 22.108 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

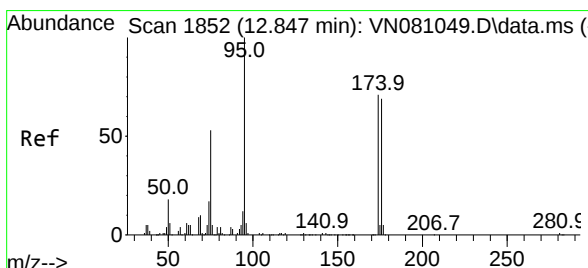
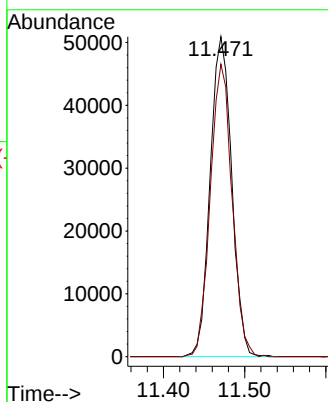
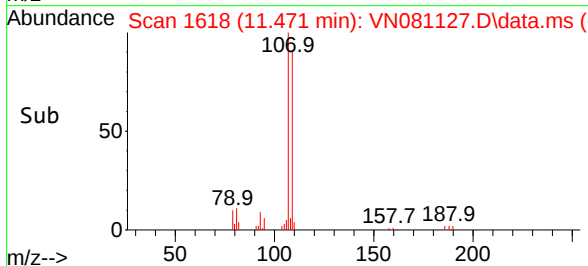
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



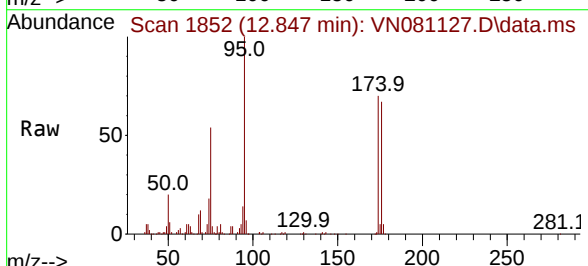
Tgt Ion:107 Resp: 93762
Ion Ratio Lower Upper
107 100
109 92.5 73.4 110.2

Manual Integrations
APPROVED

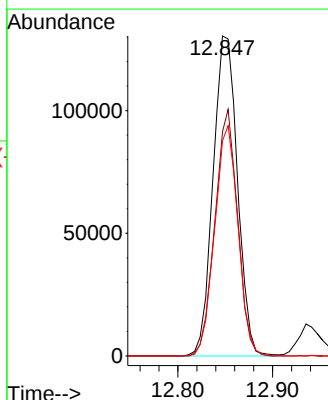
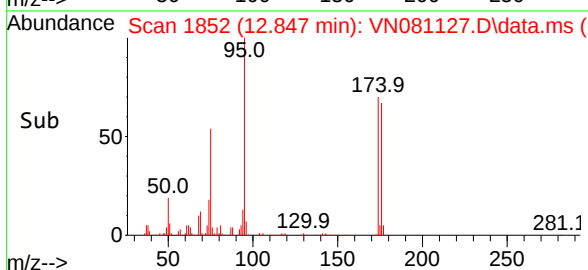
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

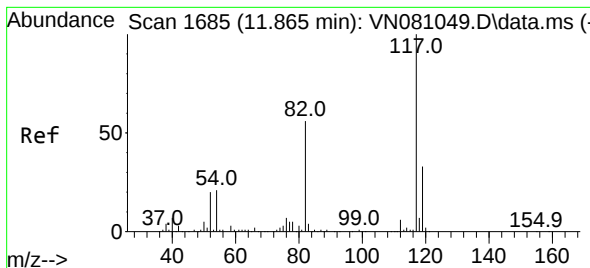


#62
4-Bromofluorobenzene
Concen: 52.337 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50



Tgt Ion: 95 Resp: 233302
Ion Ratio Lower Upper
95 100
174 71.5 0.0 120.4
176 68.9 0.0 121.0





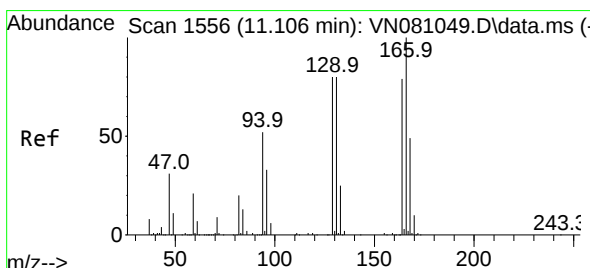
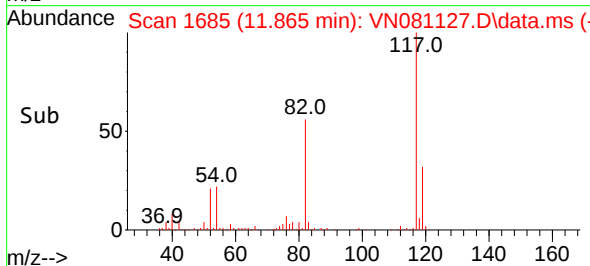
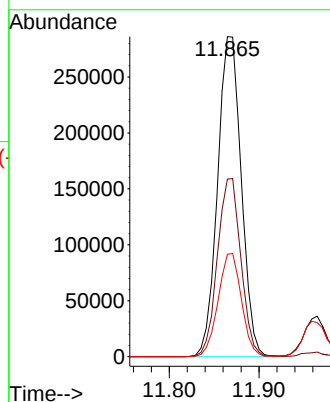
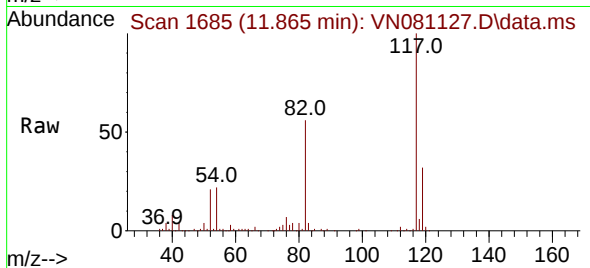
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion:117 Resp: 524814
Ion Ratio Lower Upper
117 100
82 55.5 52.7 79.1
119 32.0 25.3 37.9

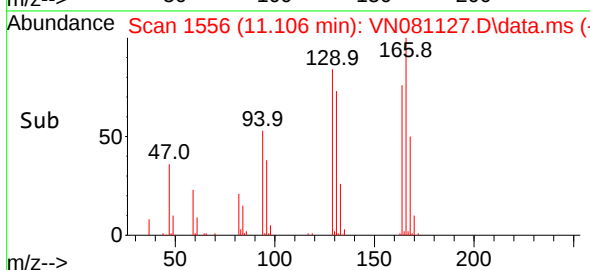
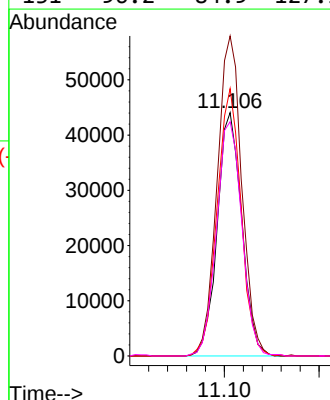
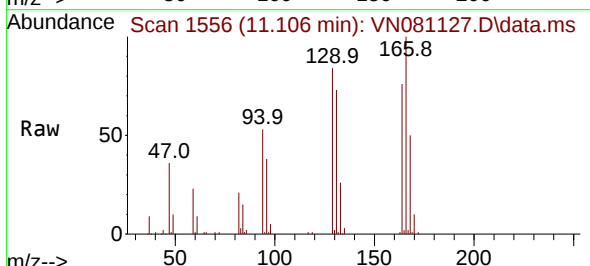
Manual Integrations
APPROVED

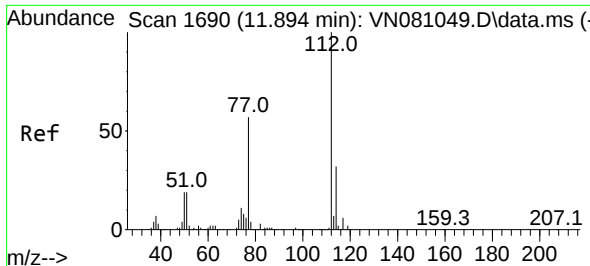
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#64
Tetrachloroethene
Concen: 22.069 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

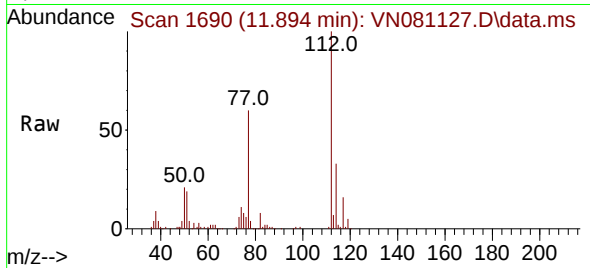
Tgt Ion:164 Resp: 79050
Ion Ratio Lower Upper
164 100
166 131.5 105.8 158.6
129 109.9 89.6 134.4
131 96.2 84.9 127.3





#65
Chlorobenzene
Concen: 21.231 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

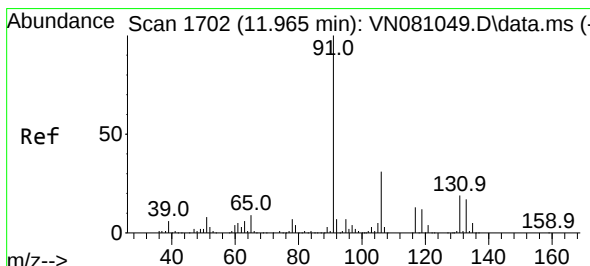
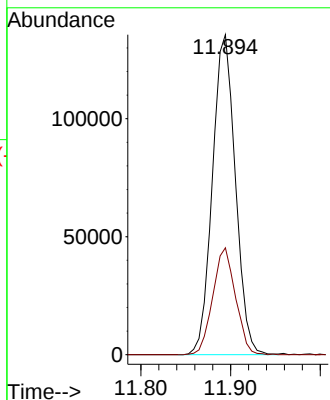
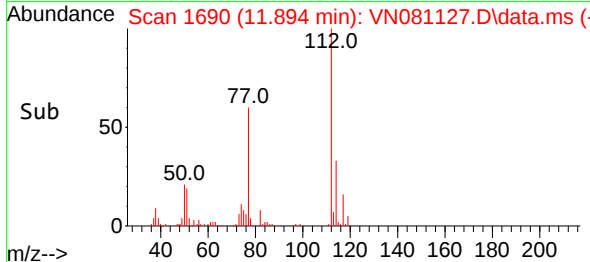
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



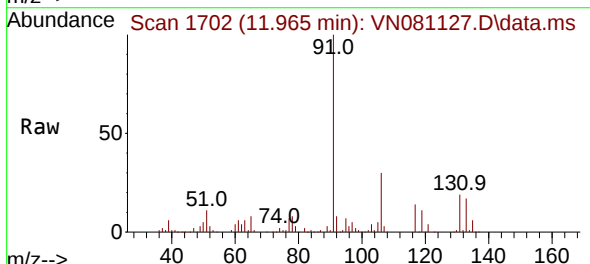
Tgt Ion:112 Resp: 24115
Ion Ratio Lower Upper
112 100
114 33.4 23.7 35.5

Manual Integrations
APPROVED

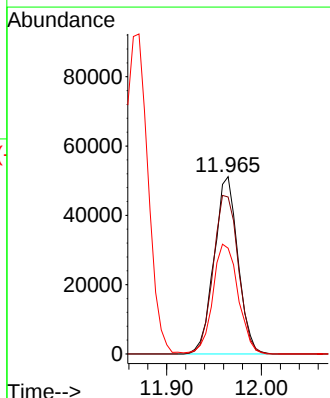
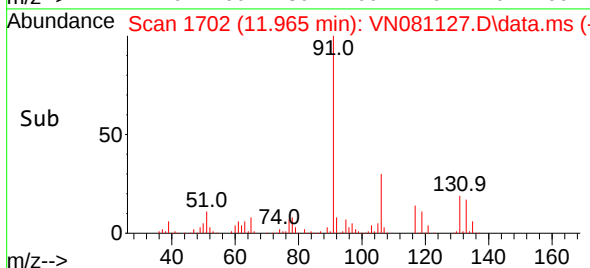
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

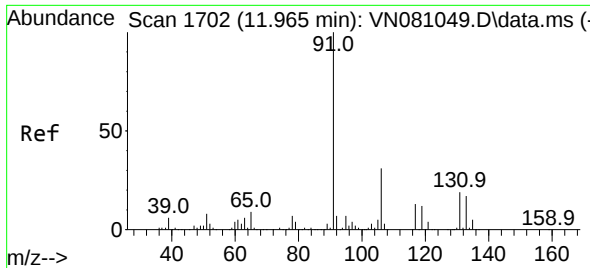


#66
1,1,1,2-Tetrachloroethane
Concen: 21.965 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50



Tgt Ion:131 Resp: 89612
Ion Ratio Lower Upper
131 100
133 94.4 46.8 140.3
119 65.7 34.6 103.9





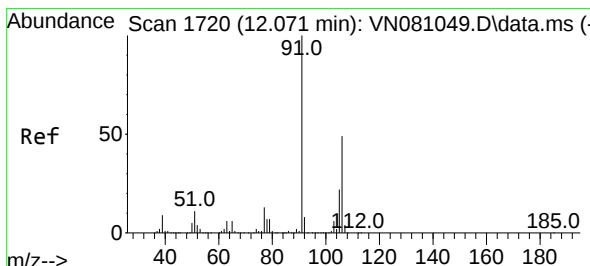
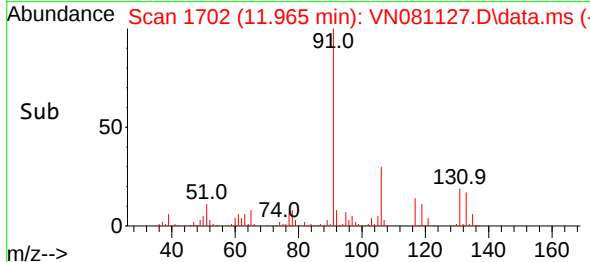
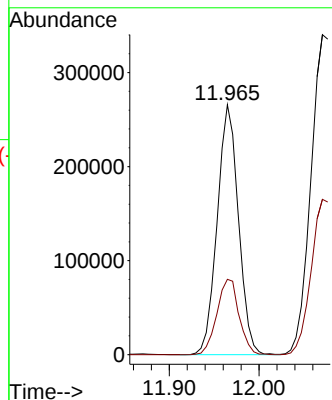
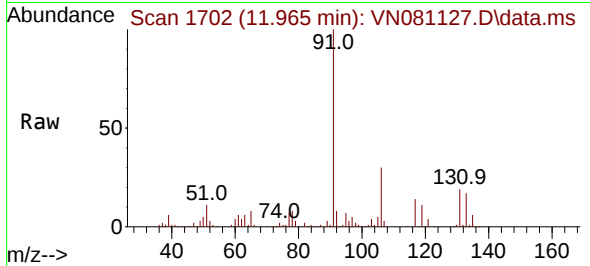
#67
Ethyl Benzene
Concen: 21.464 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion: 91 Resp: 436252
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6

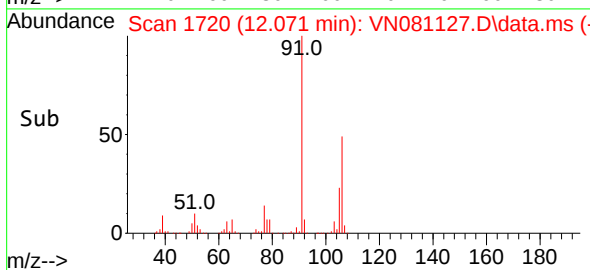
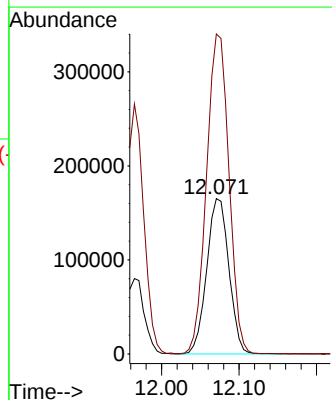
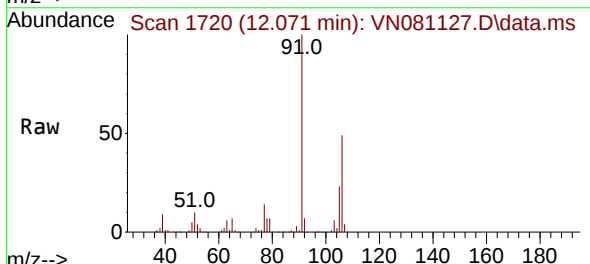
Manual Integrations
APPROVED

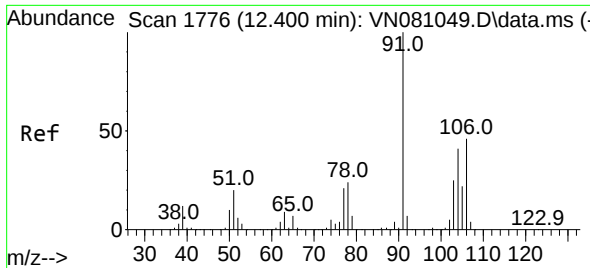
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#68
m/p-Xylenes
Concen: 42.240 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion:106 Resp: 329073
Ion Ratio Lower Upper
106 100
91 208.1 169.0 253.6





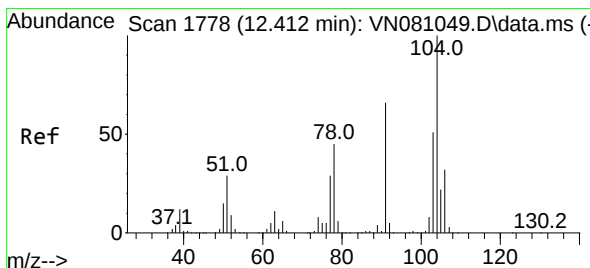
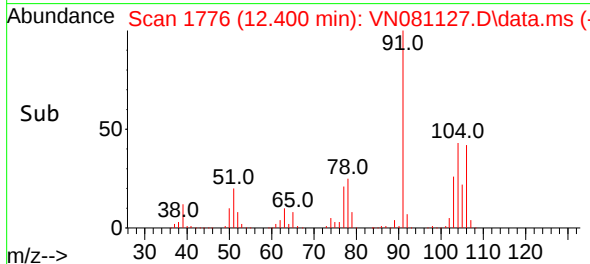
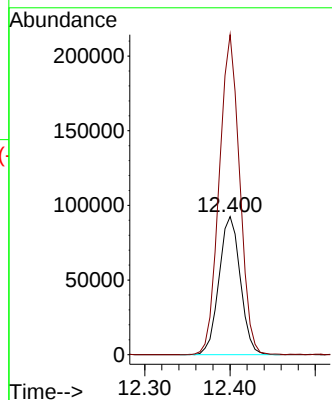
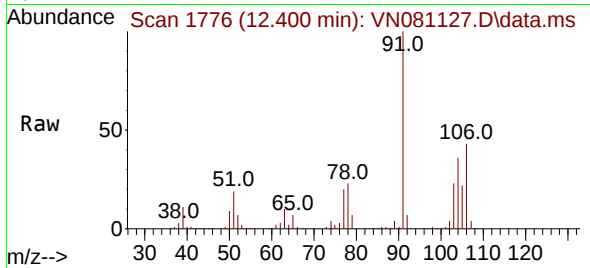
#69
o-Xylene
Concen: 20.786 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion:106 Resp: 160519
Ion Ratio Lower Upper
106 100
91 222.5 112.1 336.3

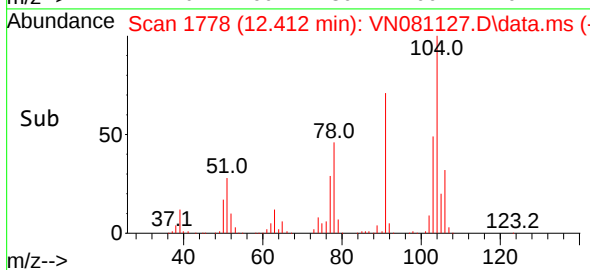
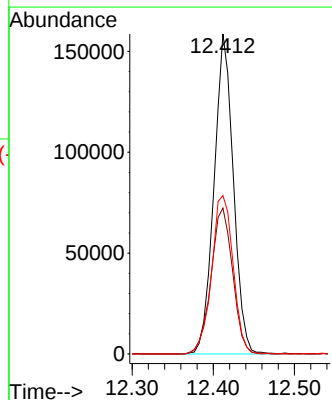
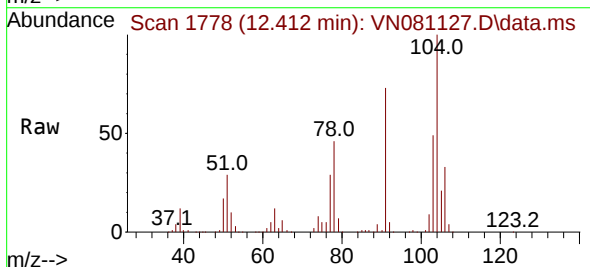
Manual Integrations
APPROVED

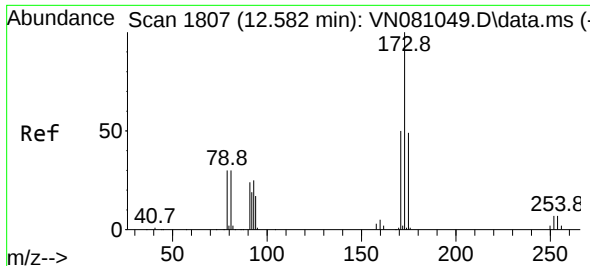
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#70
Styrene
Concen: 21.477 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion:104 Resp: 262823
Ion Ratio Lower Upper
104 100
78 50.8 43.8 65.8
103 54.9 44.2 66.2





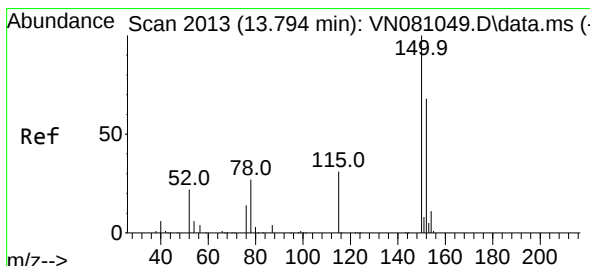
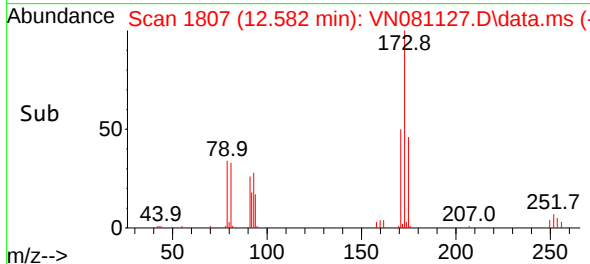
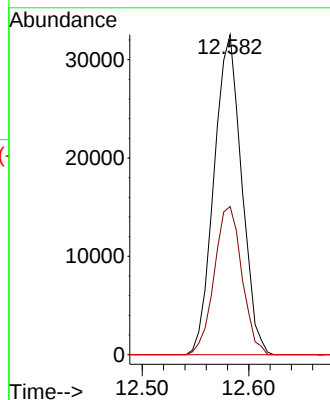
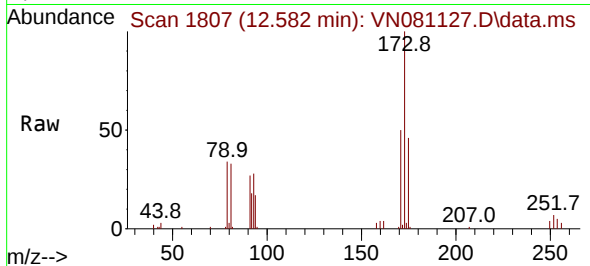
#71
Bromoform
Concen: 22.618 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion:173 Resp: 5854
Ion Ratio Lower Upper
173 100
175 46.4 23.1 69.2
254 0.0 0.0 0.0

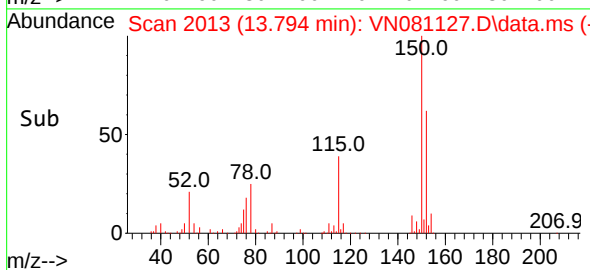
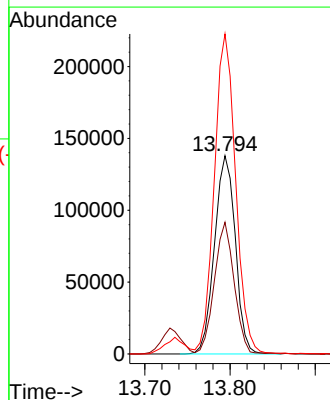
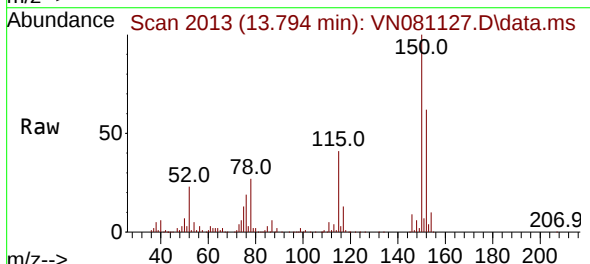
Manual Integrations
APPROVED

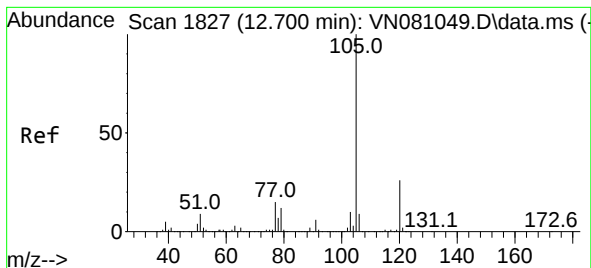
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion:152 Resp: 234503
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 164.8 0.0 339.8





#73

Isopropylbenzene

Concen: 20.714 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0222MBS01

Tgt Ion:105 Resp: 425000

Ion Ratio Lower Upper

105 100

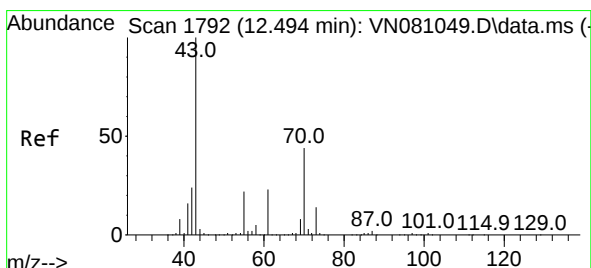
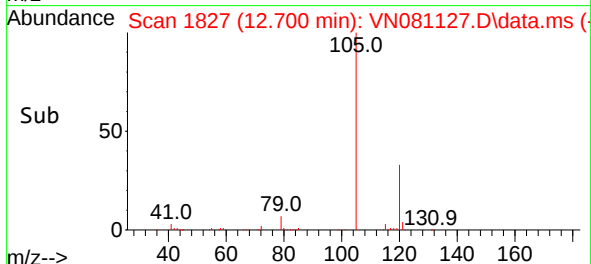
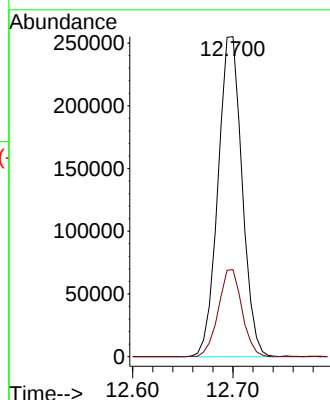
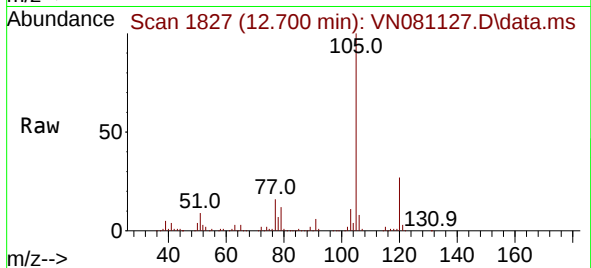
120 26.7 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#74

N-ethyl acetate

Concen: 19.598 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Tgt Ion: 43 Resp: 169940

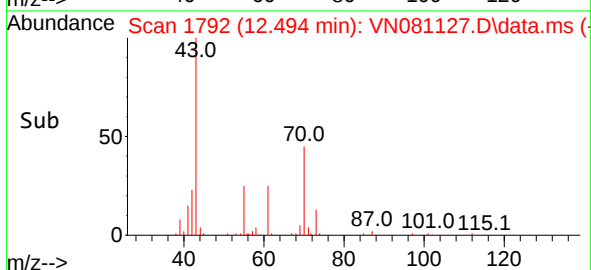
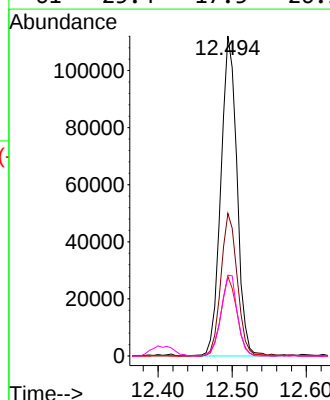
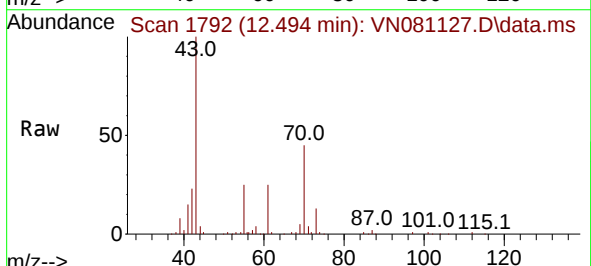
Ion Ratio Lower Upper

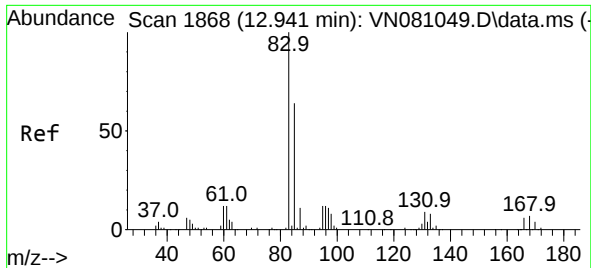
43 100

70 44.9 30.1 45.1

55 24.8 17.0 25.4

61 25.4 17.5 26.3





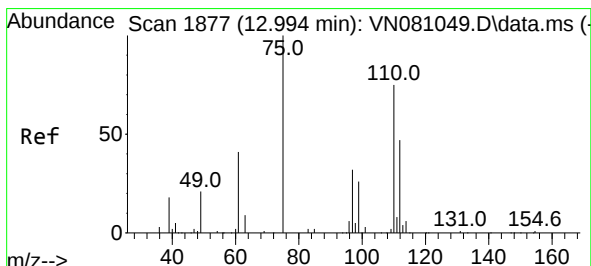
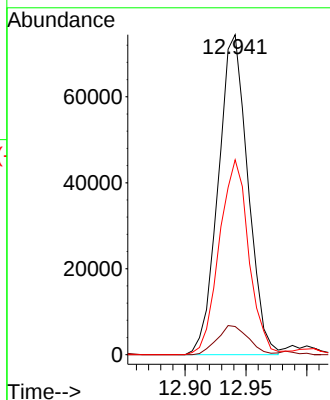
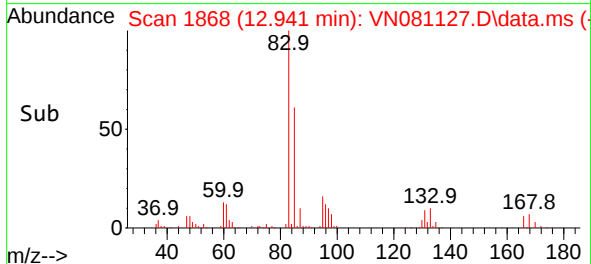
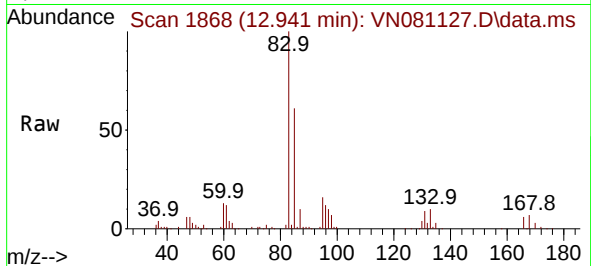
#75
1,1,2,2-Tetrachloroethane
Concen: 21.912 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion: 83 Resp: 126410
Ion Ratio Lower Upper
83 100
131 9.5 4.1 12.3
85 60.7 32.1 96.3

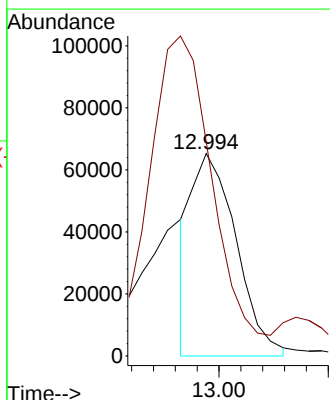
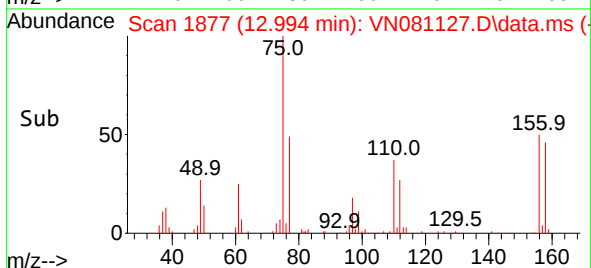
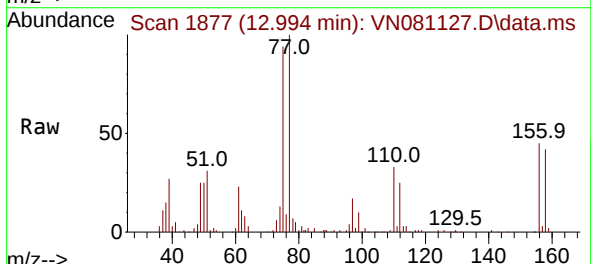
Manual Integrations
APPROVED

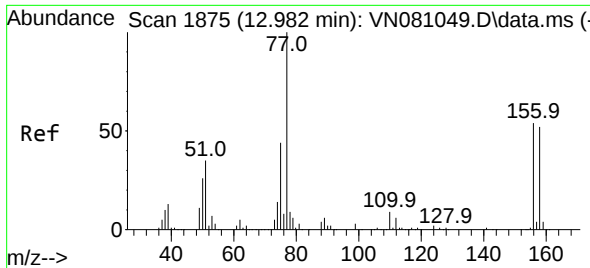
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#76
1,2,3-Trichloropropane
Concen: 17.517 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion: 75 Resp: 93330
Ion Ratio Lower Upper
75 100
77 226.4 91.0 272.8





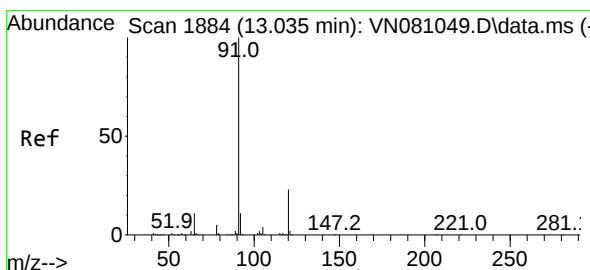
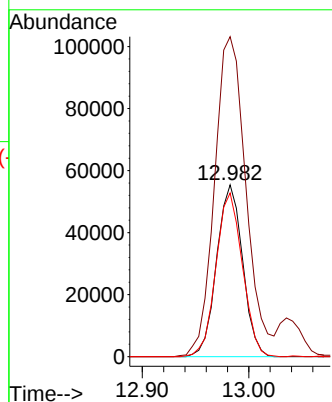
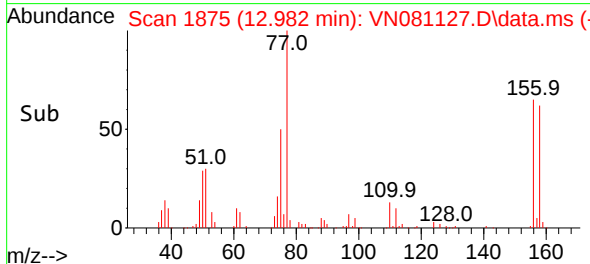
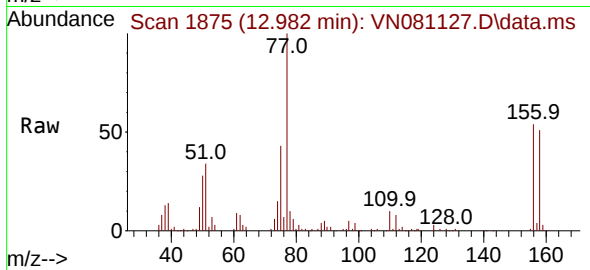
#77
Bromobenzene
Concen: 20.459 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion:156 Resp: 9359
Ion Ratio Lower Upper
156 100
77 225.8 138.1 414.3
158 97.2 46.5 139.5

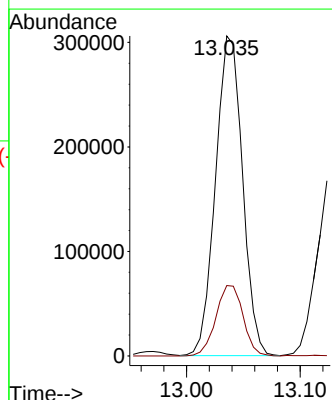
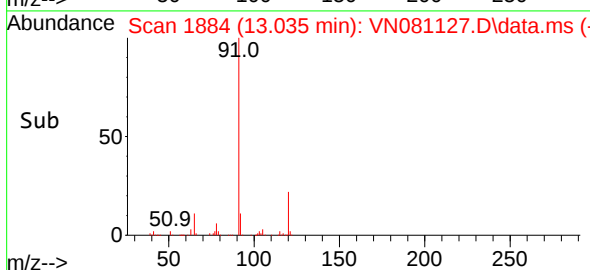
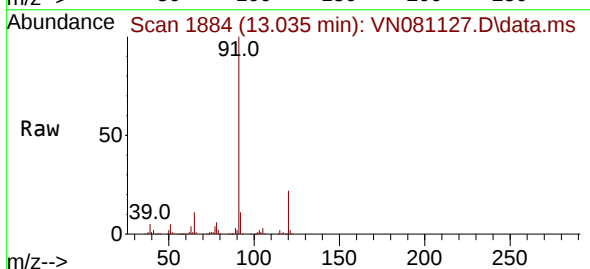
Manual Integrations
APPROVED

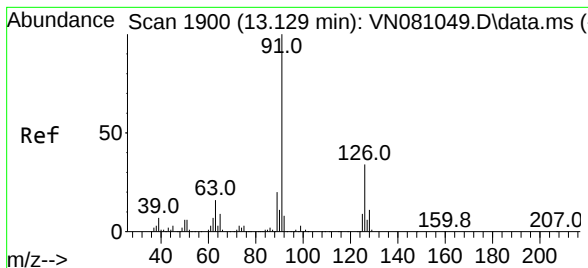
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#78
n-propylbenzene
Concen: 21.406 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion: 91 Resp: 505600
Ion Ratio Lower Upper
91 100
120 22.2 10.3 30.9





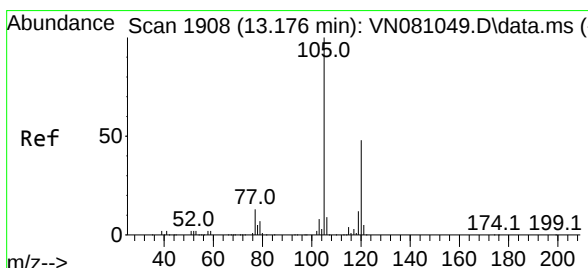
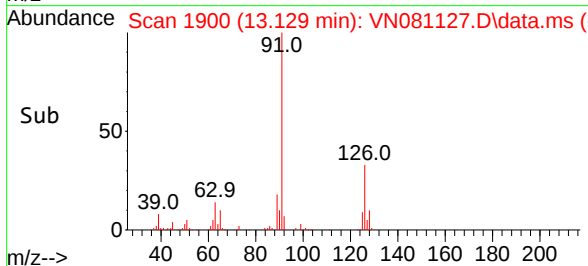
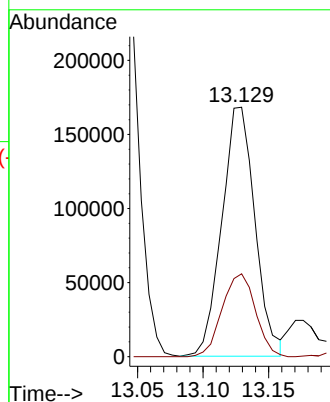
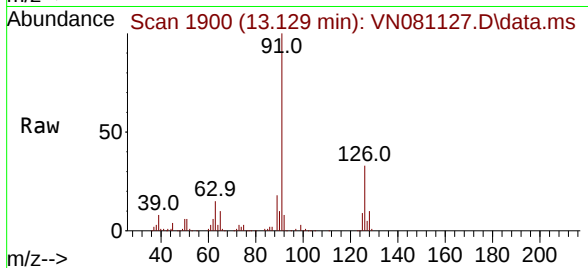
#79
2-Chlorotoluene
Concen: 20.420 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion: 91 Resp: 295840
Ion Ratio Lower Upper
91 100
126 33.3 14.8 44.4

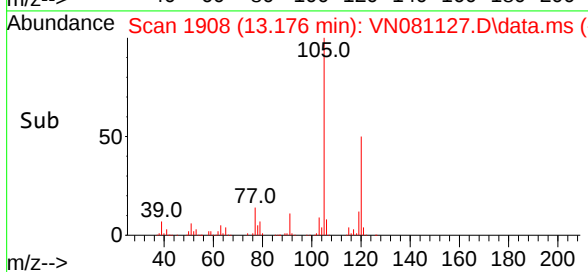
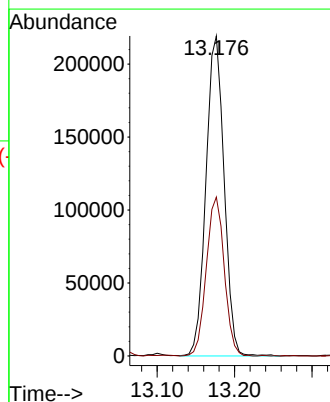
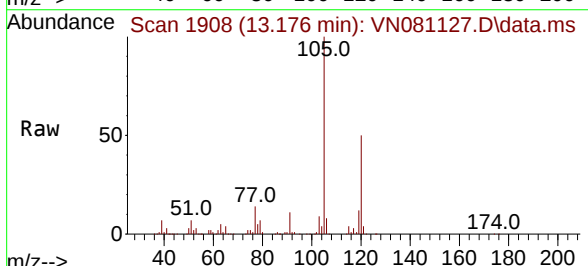
Manual Integrations
APPROVED

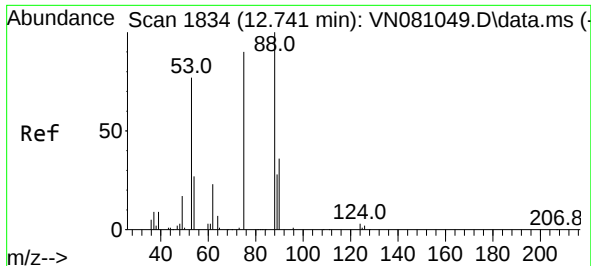
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.416 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

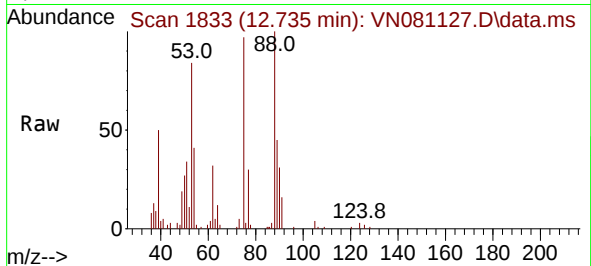
Tgt Ion:105 Resp: 356271
Ion Ratio Lower Upper
105 100
120 49.1 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.369 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

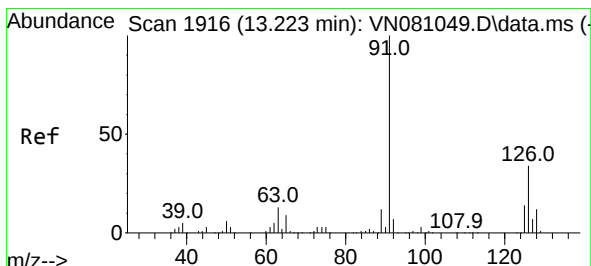
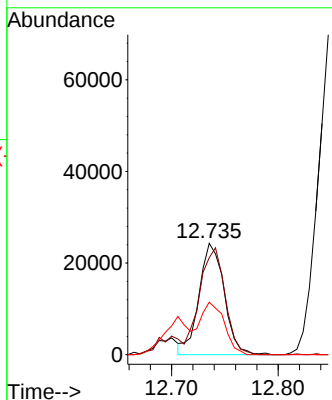
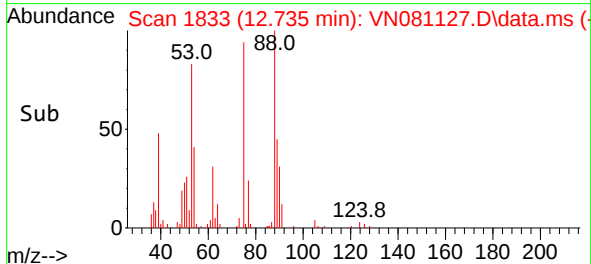
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



Tgt Ion: 75 Resp: 40095
Ion Ratio Lower Upper
75 100
53 113.1 71.4 107.2
89 45.9 33.4 50.0

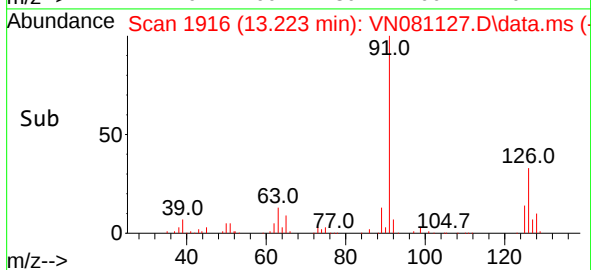
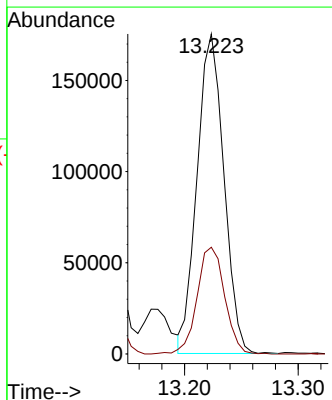
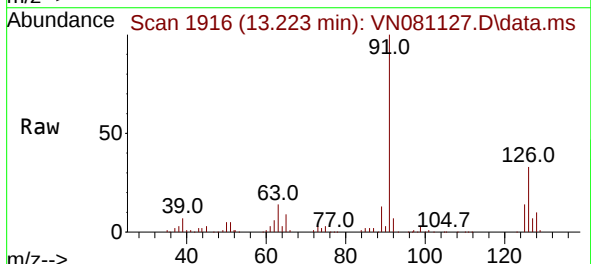
Manual Integrations
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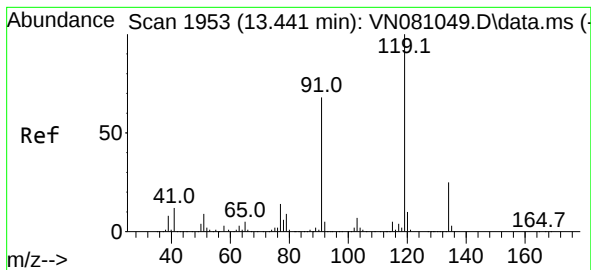
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#82
4-Chlorotoluene
Concen: 20.305 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion: 91 Resp: 287634
Ion Ratio Lower Upper
91 100
126 34.3 15.3 45.9





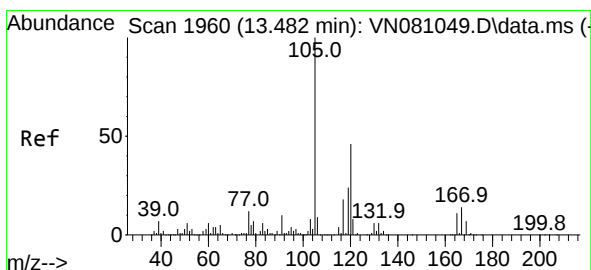
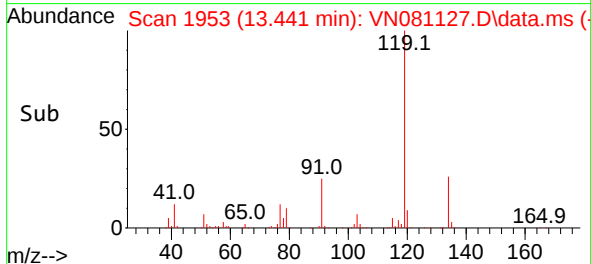
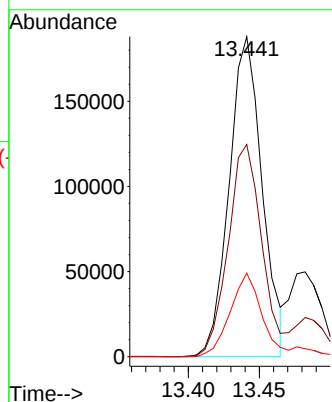
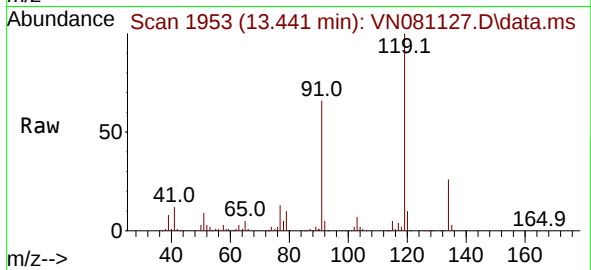
#83
tert-Butylbenzene
Concen: 21.155 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion:119 Resp: 30429
Ion Ratio Lower Upper
119 100
91 68.7 36.8 110.4
134 24.9 12.4 37.4

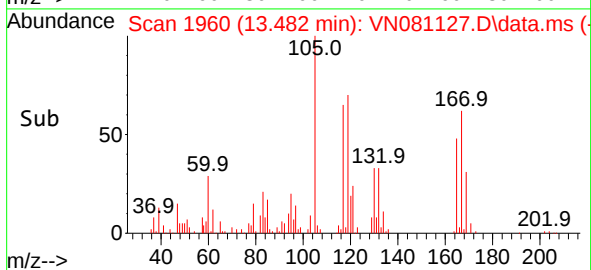
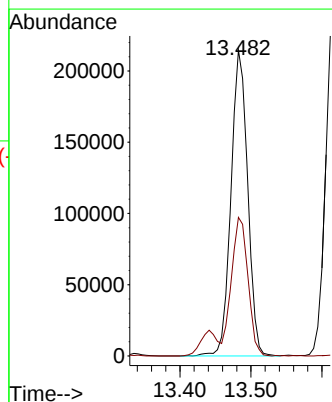
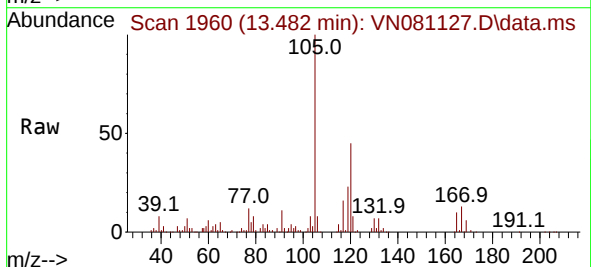
Manual Integrations
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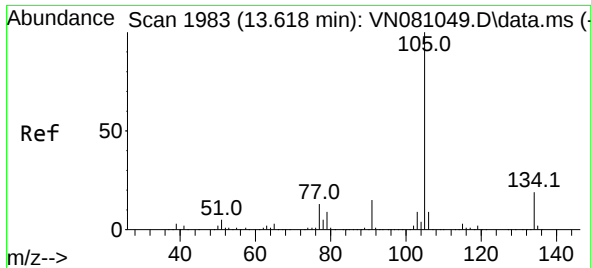
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#84
1,2,4-Trimethylbenzene
Concen: 21.126 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion:105 Resp: 350208
Ion Ratio Lower Upper
105 100
120 44.9 20.9 62.7





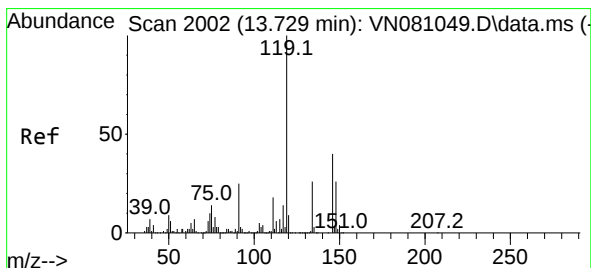
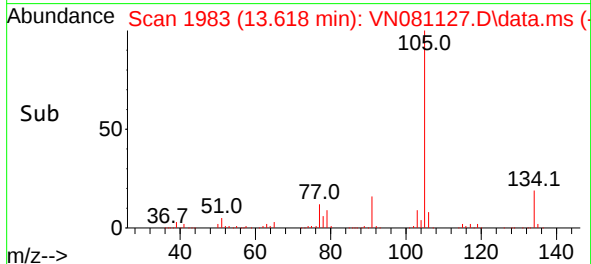
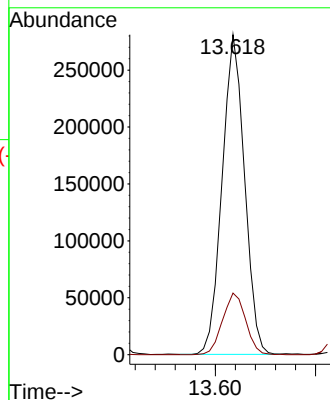
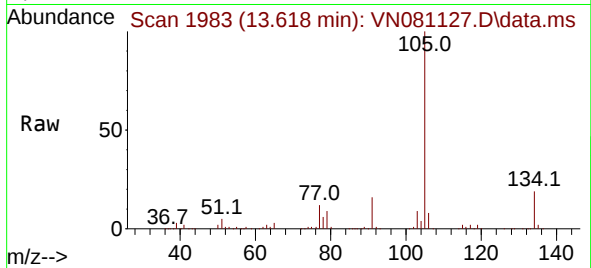
#85
 sec-Butylbenzene
 Concen: 21.778 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081127.D
 Acq: 22 Feb 2024 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222MBS01

Tgt Ion:105 Resp: 435494
 Ion Ratio Lower Upper
 105 100
 134 19.8 8.6 25.8

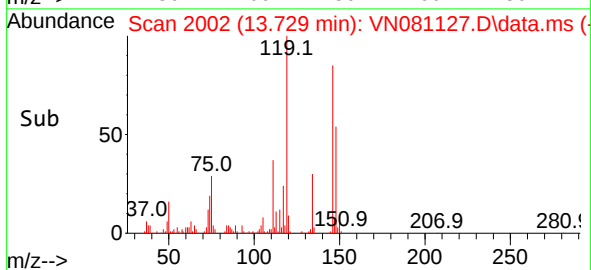
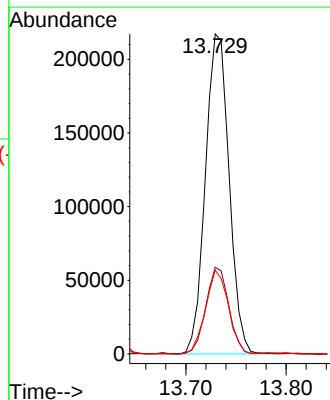
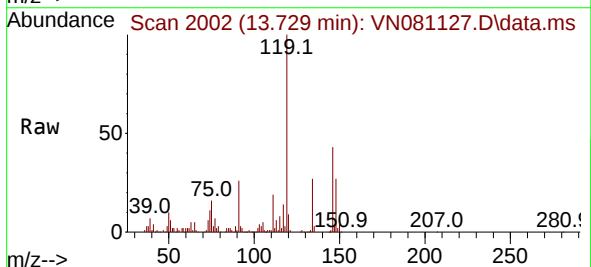
Manual Integrations
 APPROVED

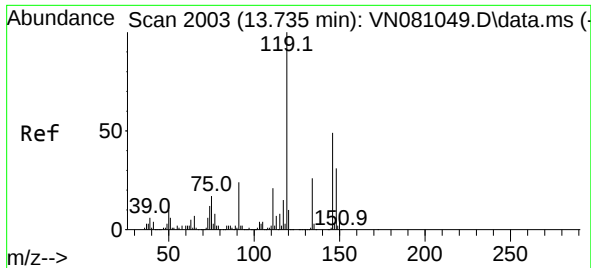
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#86
 p-Isopropyltoluene
 Concen: 21.549 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081127.D
 Acq: 22 Feb 2024 11:50

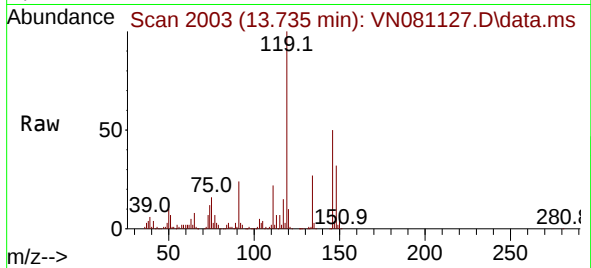
Tgt Ion:119 Resp: 357925
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.4 37.2
 91 25.3 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 20.476 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081127.D
 Acq: 22 Feb 2024 11:50

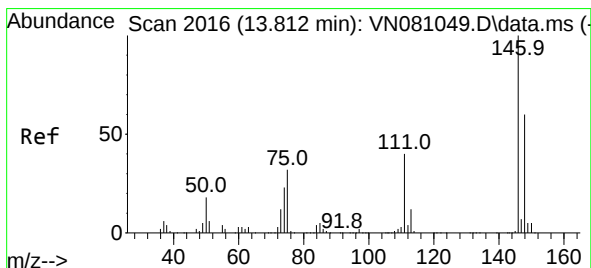
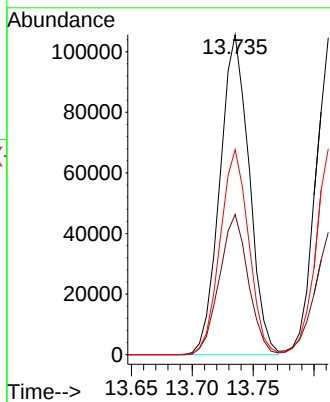
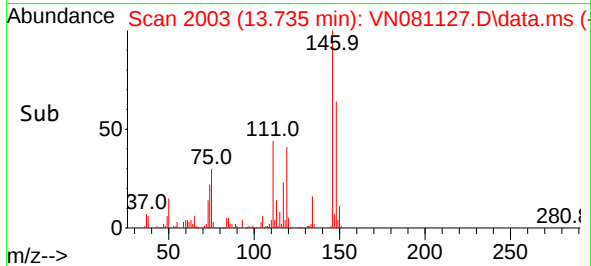
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222MBS01



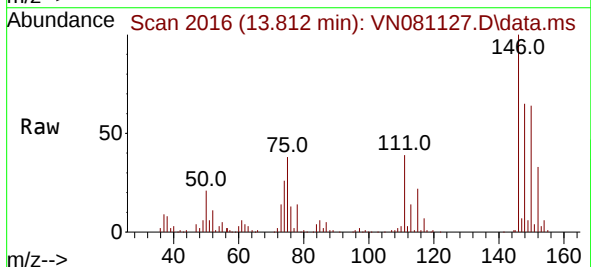
Tgt Ion:146 Resp: 17699
 Ion Ratio Lower Upper
 146 100
 111 43.1 23.9 71.7
 148 62.5 32.6 97.7

Manual Integrations
 APPROVED

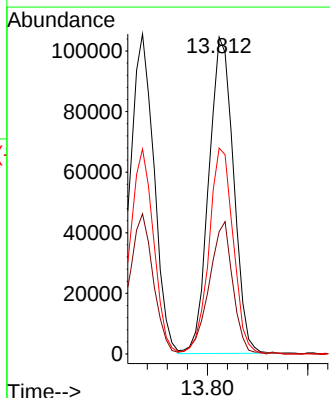
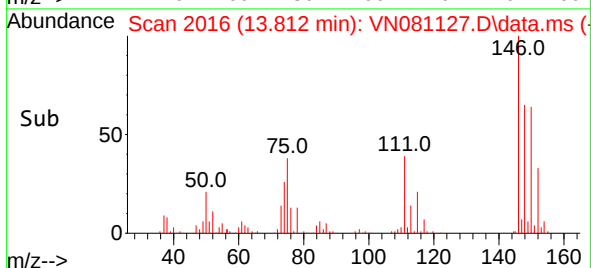
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

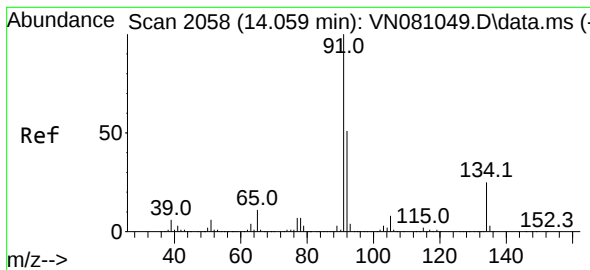


#88
 1,4-Dichlorobenzene
 Concen: 21.073 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081127.D
 Acq: 22 Feb 2024 11:50



Tgt Ion:146 Resp: 178985
 Ion Ratio Lower Upper
 146 100
 111 40.1 22.6 67.7
 148 64.0 31.9 95.5





#89

n-Butylbenzene

Concen: 21.517 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0222MBS01

Tgt Ion: 91 Resp: 31136

Ion Ratio Lower Upper

91 100

92 51.2 26.7 80.1

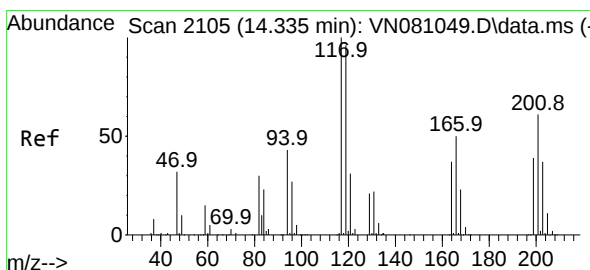
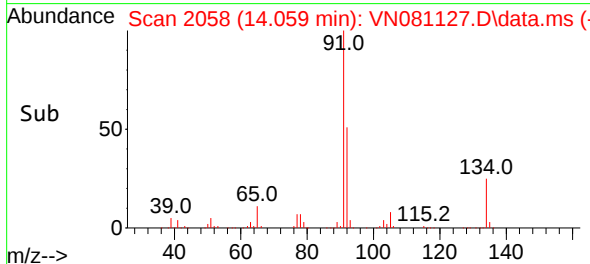
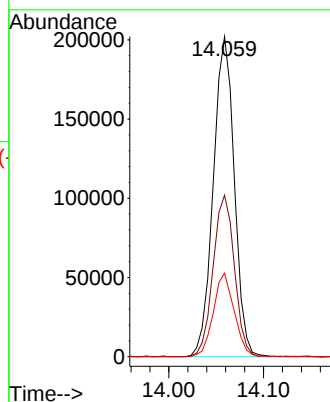
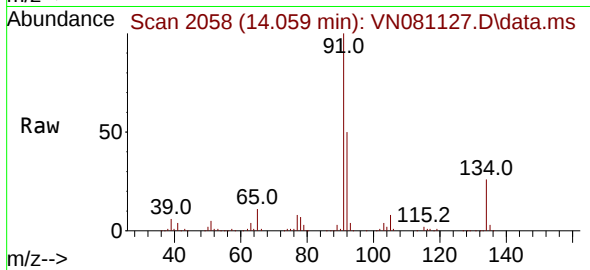
134 25.9 10.8 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#90

Hexachloroethane

Concen: 21.865 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081127.D

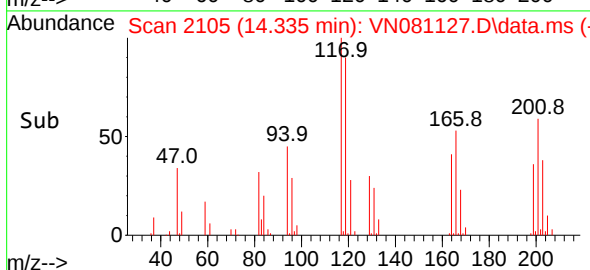
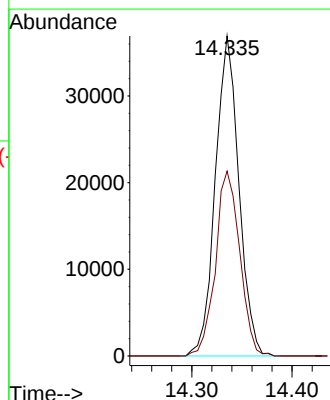
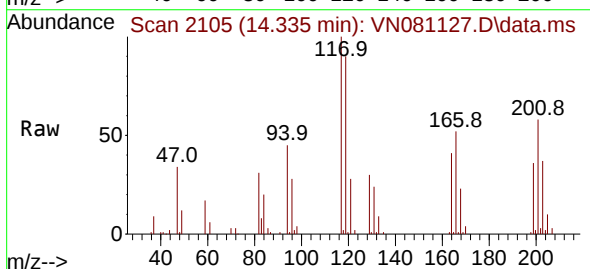
Acq: 22 Feb 2024 11:50

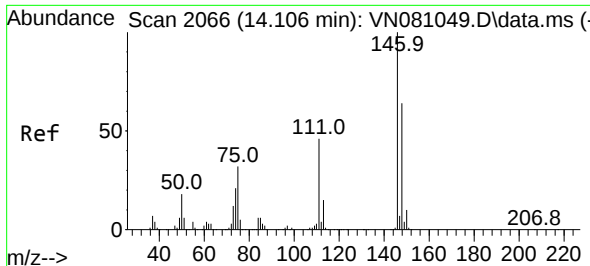
Tgt Ion:117 Resp: 60032

Ion Ratio Lower Upper

117 100

201 59.5 30.0 90.0





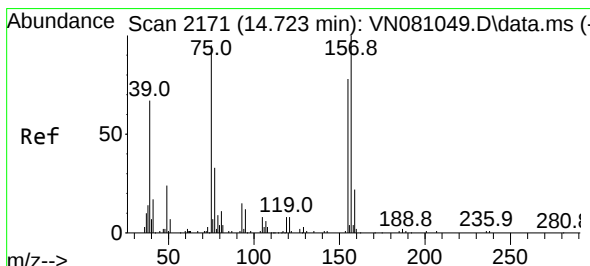
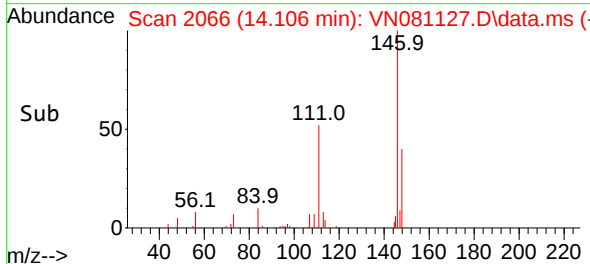
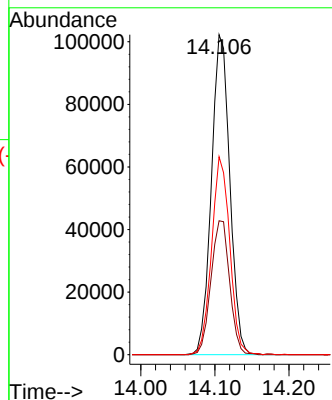
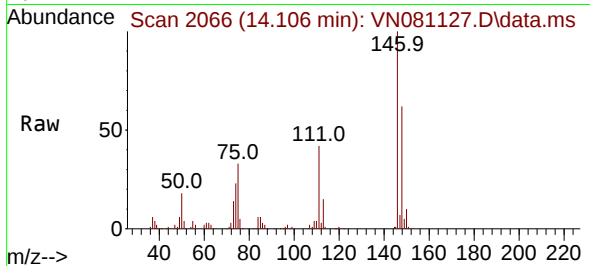
#91
1,2-Dichlorobenzene
Concen: 21.153 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Tgt Ion:146 Resp: 176340
Ion Ratio Lower Upper
146 100
111 42.4 23.9 71.8
148 61.0 31.4 94.0

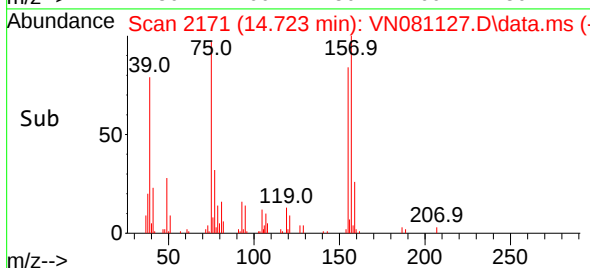
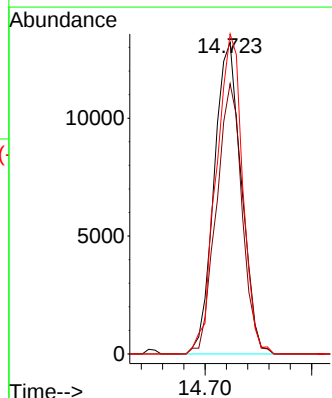
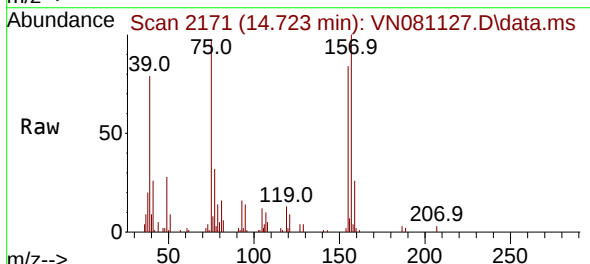
Manual Integrations
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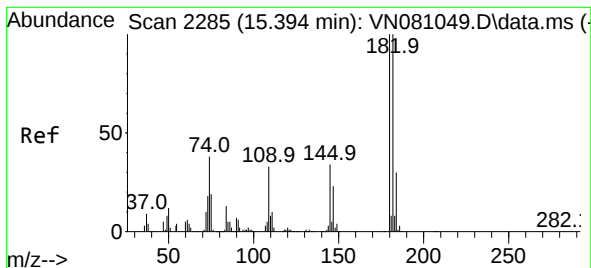
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.543 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

Tgt Ion: 75 Resp: 23442
Ion Ratio Lower Upper
75 100
155 82.0 31.8 95.4
157 99.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 20.652 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0222MBS01

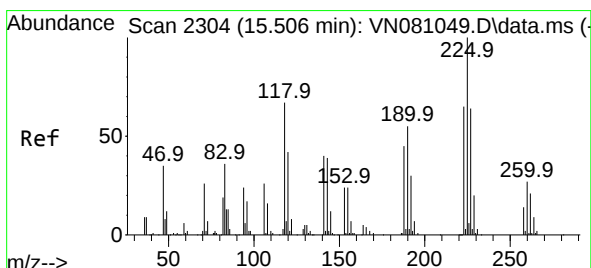
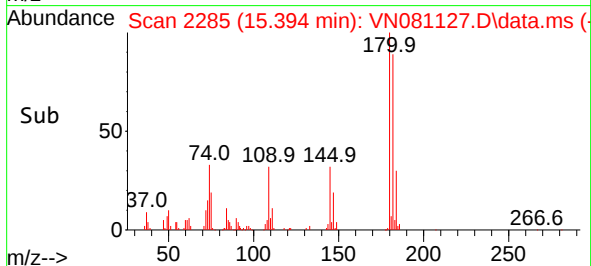
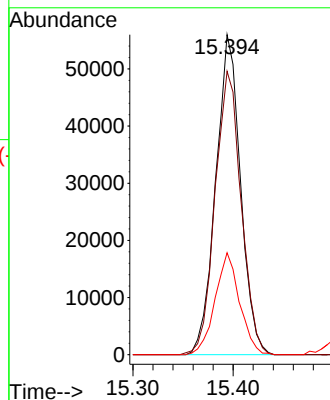
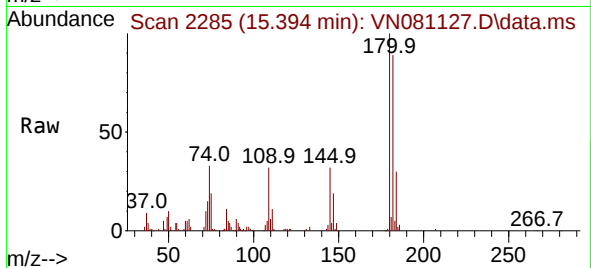
Tgt Ion:180	Resp:	9605
Ion Ratio	Lower	Upper
180	100	
182	93.0	46.6 139.7
145	31.6	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#94

Hexachlorobutadiene

Concen: 20.795 ug/l

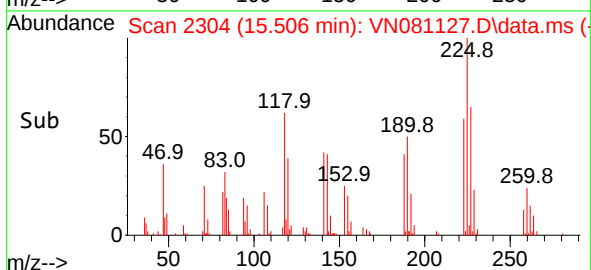
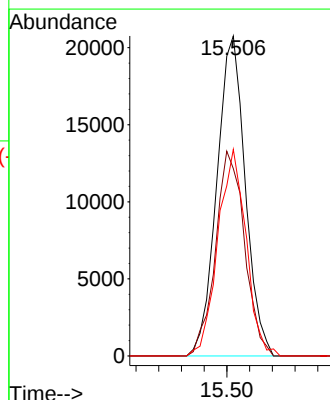
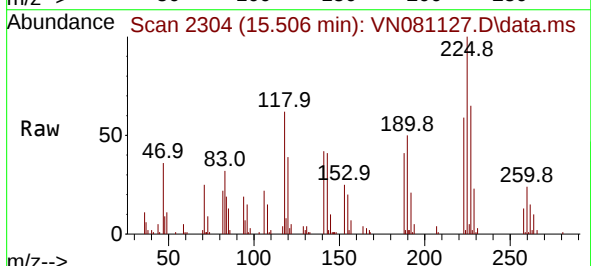
RT: 15.506 min Scan# 2304

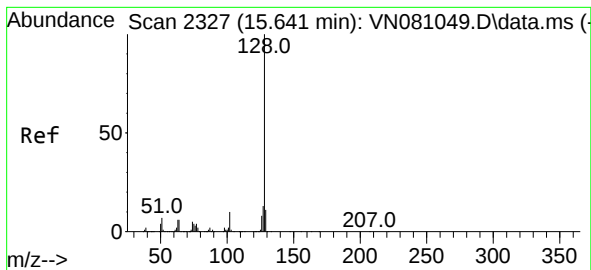
Delta R.T. 0.000 min

Lab File: VN081127.D

Acq: 22 Feb 2024 11:50

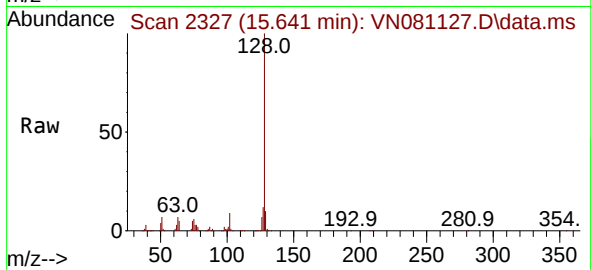
Tgt Ion:225	Resp:	36072
Ion Ratio	Lower	Upper
225	100	
223	65.5	33.3 99.8
227	63.9	33.1 99.2





#95
Naphthalene
Concen: 20.107 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50

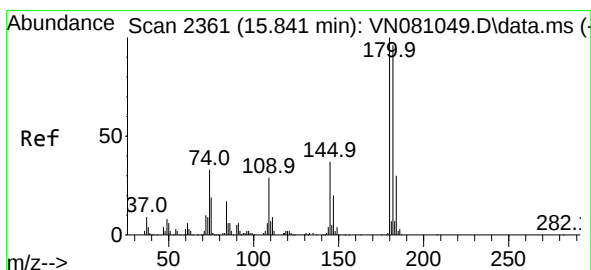
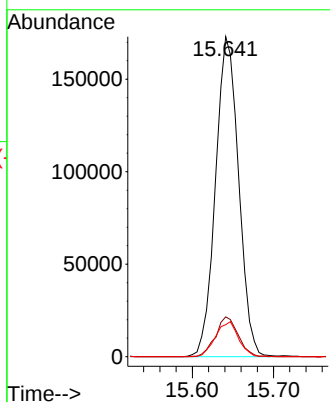
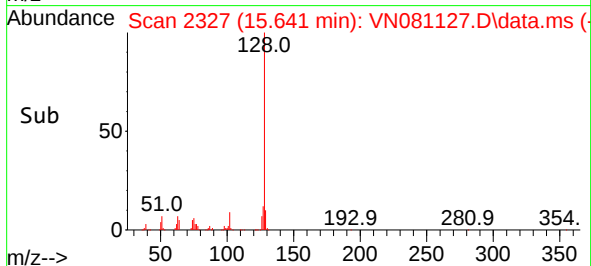
Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01



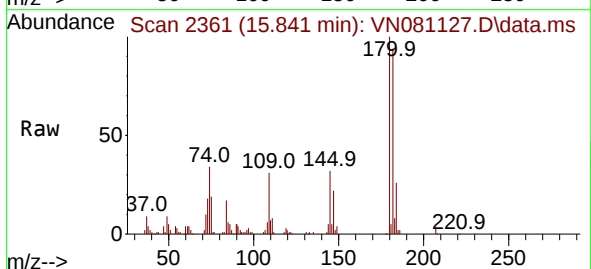
Tgt Ion:128 Resp: 34269
Ion Ratio Lower Upper
128 100
127 12.2 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.482 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081127.D
Acq: 22 Feb 2024 11:50



Tgt Ion:180 Resp: 94505
Ion Ratio Lower Upper
180 100
182 95.6 46.5 139.3
145 35.2 17.8 53.4

