

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081785.D
 Acq On : 18 Apr 2024 14:18
 Operator : JC\MD
 Sample : VN0418MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/19/2024
 Supervised By : Mahesh Dadoda 04/19/2024

Quant Time: Apr 19 01:23:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	261494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	460397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	428211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	189900	51.608	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.220%			
35) Dibromofluoromethane	8.165	113	154708	50.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.780%			
50) Toluene-d8	10.571	98	593464	52.988	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.980%			
62) 4-Bromofluorobenzene	12.847	95	211584	55.282	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 110.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	63144	19.067	ug/l	99
3) Chloromethane	2.360	50	64838	21.552	ug/l	94
4) Vinyl Chloride	2.512	62	73477	18.129	ug/l	97
5) Bromomethane	2.965	94	51281	20.941	ug/l	94
6) Chloroethane	3.124	64	47912	18.354	ug/l	97
7) Trichlorofluoromethane	3.501	101	99965	19.100	ug/l	98
8) Diethyl Ether	3.959	74	32467	17.671	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	55301	16.869	ug/l	97
10) Methyl Iodide	4.589	142	47699	27.109	ug/l	98
11) Tert butyl alcohol	5.518	59	51625	102.851	ug/l	98
12) 1,1-Dichloroethene	4.348	96	53101	17.092	ug/l	95
13) Acrolein	4.183	56	49600	92.954	ug/l	99
14) Allyl chloride	5.024	41	68806	17.450	ug/l	96
15) Acrylonitrile	5.718	53	131289	94.779	ug/l	99
16) Acetone	4.430	43	95352	93.105	ug/l #	87
17) Carbon Disulfide	4.712	76	144423	15.993	ug/l	97
18) Methyl Acetate	5.024	43	55114	19.241	ug/l #	74
19) Methyl tert-butyl Ether	5.795	73	176858	19.558	ug/l	95
20) Methylene Chloride	5.283	84	60541	18.656	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	57298	18.362	ug/l #	93
22) Diisopropyl ether	6.671	45	166207	19.371	ug/l	95
23) Vinyl Acetate	6.600	43	672919	100.470	ug/l	98
24) 1,1-Dichloroethane	6.565	63	106712	18.902	ug/l	96
25) 2-Butanone	7.483	43	163244	96.690	ug/l	95
26) 2,2-Dichloropropane	7.489	77	99343	20.187	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	68134	17.849	ug/l	95
28) Bromochloromethane	7.812	49	43085	17.876	ug/l	97
29) Tetrahydrofuran	7.841	42	112255	102.770	ug/l	99
30) Chloroform	7.971	83	116811	18.247	ug/l	93
31) Cyclohexane	8.259	56	90432	17.915	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	106982	18.846	ug/l	97
36) 1,1-Dichloropropene	8.365	75	77755	18.357	ug/l	100
37) Ethyl Acetate	7.565	43	73130	21.011	ug/l	98
38) Carbon Tetrachloride	8.365	117	94883	19.254	ug/l	90
39) Methylcyclohexane	9.600	83	88058	17.646	ug/l	97
40) Benzene	8.606	78	240515	18.228	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	38141	20.186	ug/l	98
42) 1,2-Dichloroethane	8.671	62	87453	19.013	ug/l	98
43) Isopropyl Acetate	8.688	43	120687	18.586	ug/l	99
44) Trichloroethene	9.353	130	63602	18.536	ug/l	95
45) 1,2-Dichloropropane	9.624	63	56672	18.629	ug/l	96
46) Dibromomethane	9.712	93	46657	18.376	ug/l	96
47) Bromodichloromethane	9.888	83	90873	18.736	ug/l	96
48) Methyl methacrylate	9.683	41	54716	20.674	ug/l	96
49) 1,4-Dioxane	9.694	88	26836	404.283	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	379355	105.033	ug/l	99
52) Toluene	10.630	92	159977	19.088	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	96035	19.877	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	98594	19.156	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	60322	19.159	ug/l	98
56) Ethyl methacrylate	10.877	69	89594	20.682	ug/l	96
57) 1,3-Dichloropropane	11.165	76	98208	18.635	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	208333	90.890	ug/l	98
59) 2-Hexanone	11.194	43	287710	110.040	ug/l	99
60) Dibromochloromethane	11.359	129	71332	18.745	ug/l	96
61) 1,2-Dibromoethane	11.471	107	62397	18.999	ug/l	95
64) Tetrachloroethene	11.106	164	64477	17.747	ug/l	95
65) Chlorobenzene	11.894	112	177696	18.034	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	60587	18.025	ug/l	96
67) Ethyl Benzene	11.965	91	305136	19.674	ug/l	98
68) m/p-Xylenes	12.071	106	237716	39.415	ug/l	98
69) o-Xylene	12.400	106	114955	19.889	ug/l	99
70) Styrene	12.412	104	195850	20.683	ug/l	98
71) Bromoform	12.582	173	47429	18.286	ug/l #	96
73) Isopropylbenzene	12.700	105	294257	19.914	ug/l	99
74) N-amyl acetate	12.494	43	106277	19.763	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	79927	18.411	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	75977m	18.866	ug/l	
77) Bromobenzene	12.982	156	68925	18.296	ug/l	94
78) n-propylbenzene	13.035	91	340457	19.856	ug/l	98
79) 2-Chlorotoluene	13.124	91	209208	19.574	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	245656	20.352	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	31237	19.397	ug/l	95
82) 4-Chlorotoluene	13.224	91	199871	18.930	ug/l	100
83) tert-Butylbenzene	13.441	119	212555	20.106	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	248873	20.441	ug/l	97
85) sec-Butylbenzene	13.618	105	291688	19.772	ug/l	100
86) p-Isopropyltoluene	13.729	119	243923	20.172	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	126590	17.979	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	129219	17.997	ug/l	97
89) n-Butylbenzene	14.059	91	209326	19.800	ug/l	99
90) Hexachloroethane	14.335	117	45528	17.688	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	126778	18.603	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	18702	21.983	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	67911	18.917	ug/l	96
94) Hexachlorobutadiene	15.506	225	25881	16.725	ug/l	93
95) Naphthalene	15.641	128	256306	22.347	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	70831	19.298	ug/l	98

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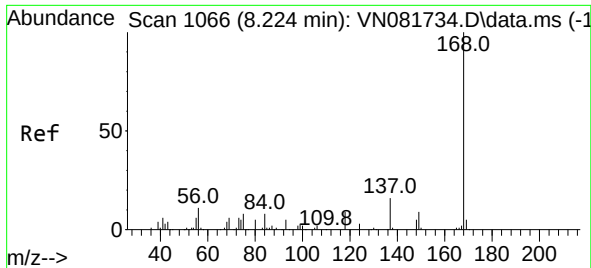
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

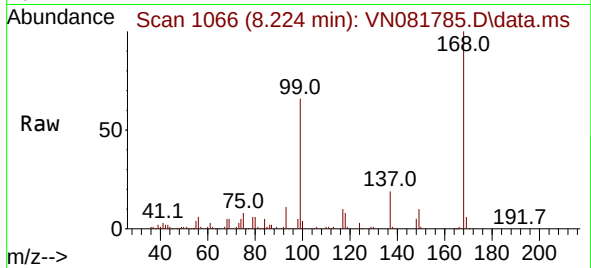
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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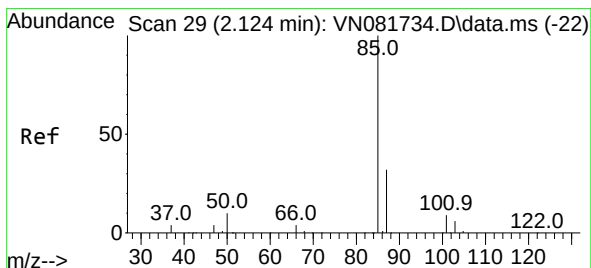
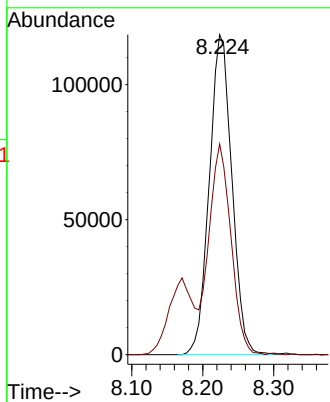
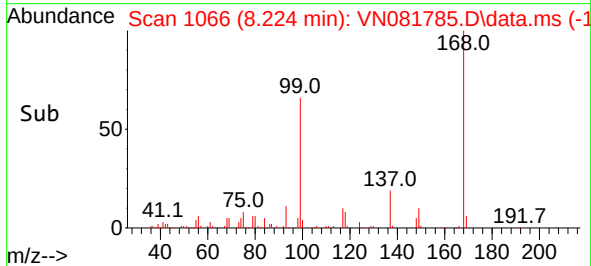
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



Tgt Ion:168 Resp: 261494
Ion Ratio Lower Upper
168 100
99 65.7 48.2 72.4

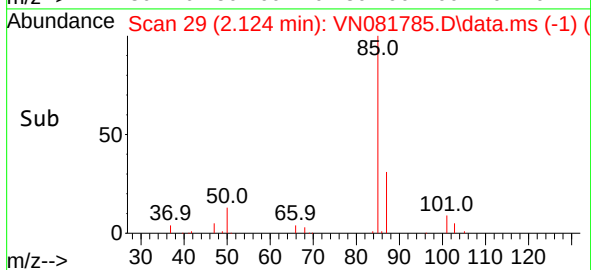
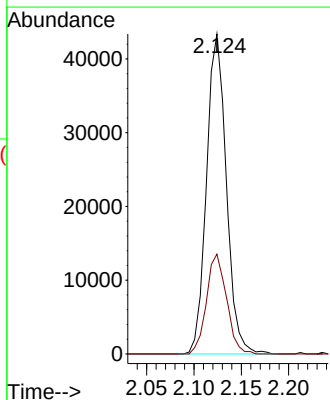
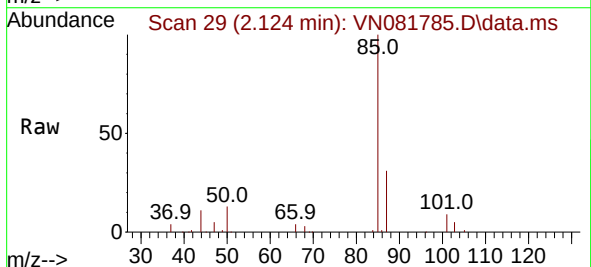
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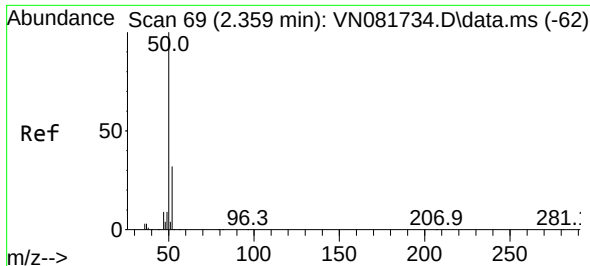
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#2
Dichlorodifluoromethane
Concen: 19.067 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

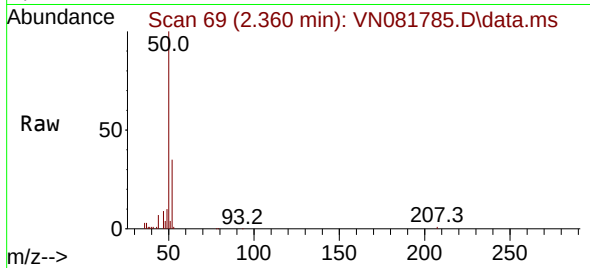
Tgt Ion: 85 Resp: 63144
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.4





#3
Chloromethane
Concen: 21.552 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

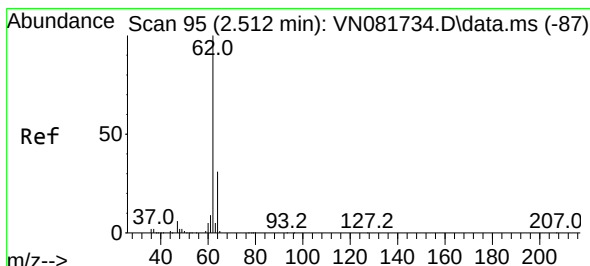
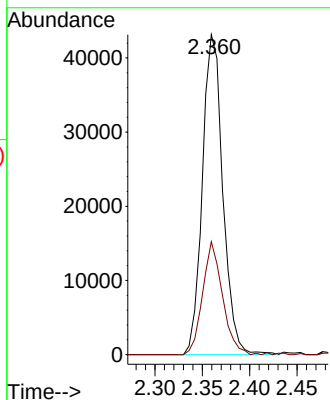
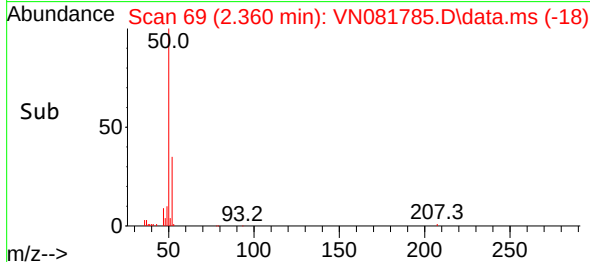
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Tgt Ion: 50 Resp: 64838
Ion Ratio Lower Upper
50 100
52 35.3 25.5 38.3

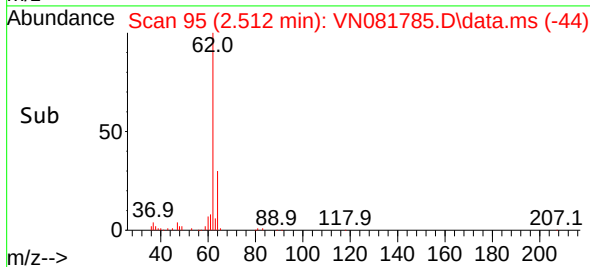
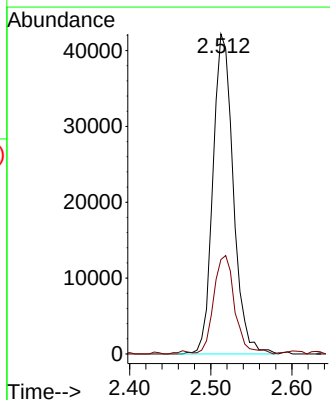
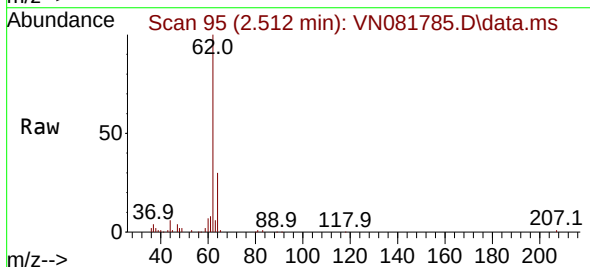
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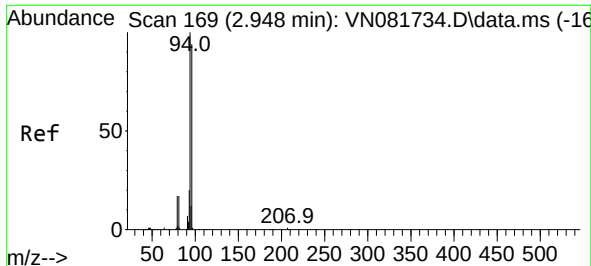
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#4
Vinyl Chloride
Concen: 18.129 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Tgt Ion: 62 Resp: 73477
Ion Ratio Lower Upper
62 100
64 29.2 24.6 37.0





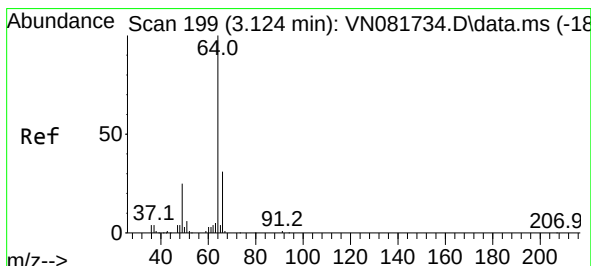
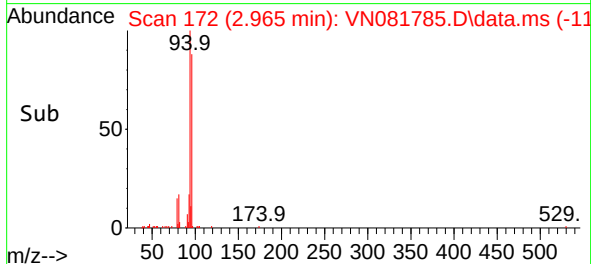
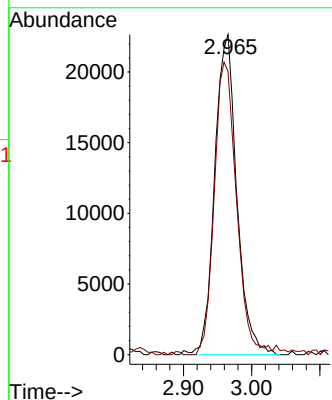
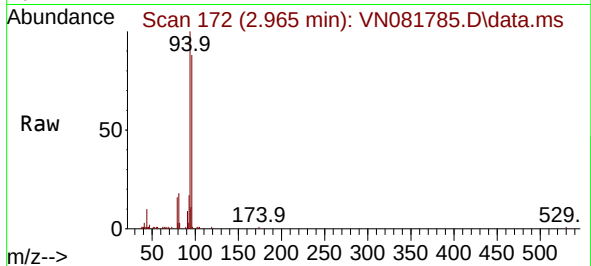
#5
Bromomethane
Concen: 20.941 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081785.D
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Tgt Ion: 94 Resp: 5128
Ion Ratio Lower Upper
94 100
96 87.7 74.8 112.2

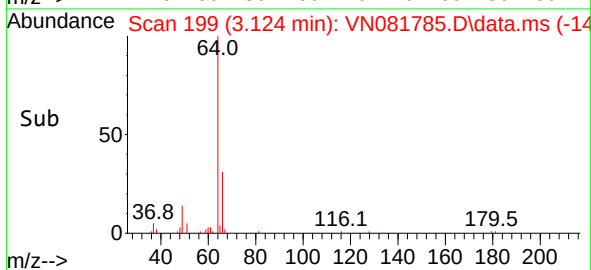
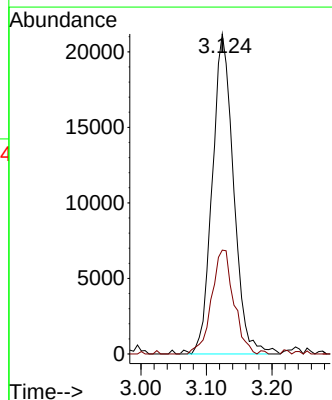
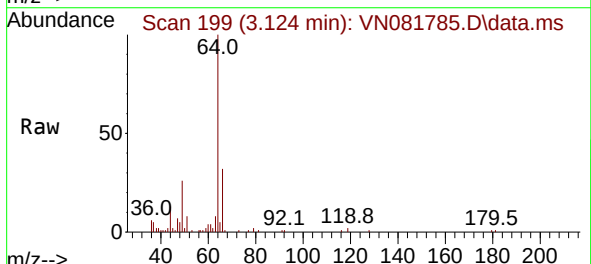
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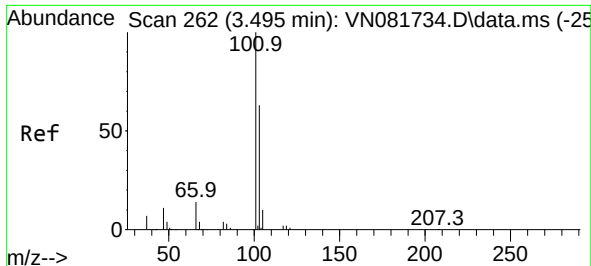
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#6
Chloroethane
Concen: 18.354 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

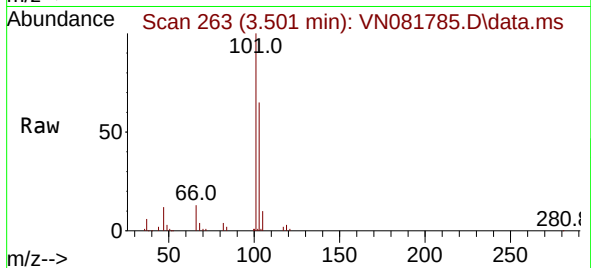
Tgt Ion: 64 Resp: 47912
Ion Ratio Lower Upper
64 100
66 32.4 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 19.100 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN081785.D
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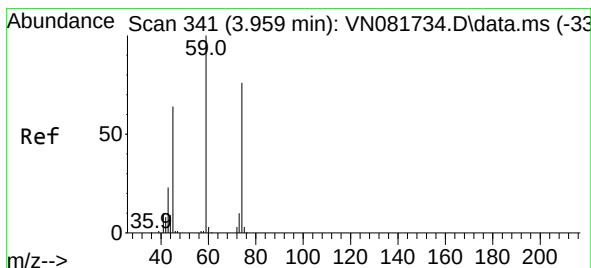
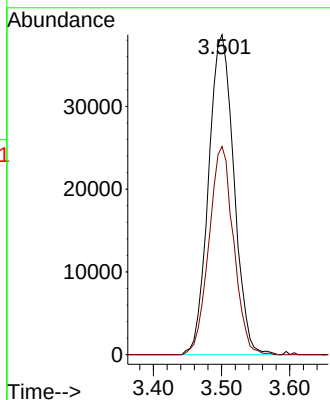
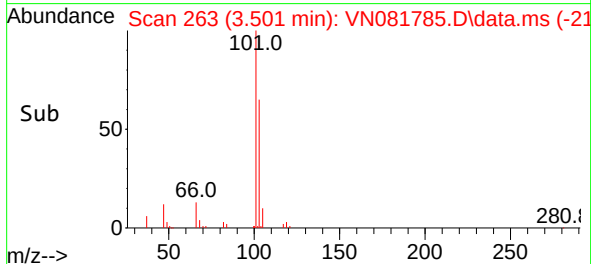
Instrument :
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Tgt Ion:101 Resp: 9996
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.6 75.8

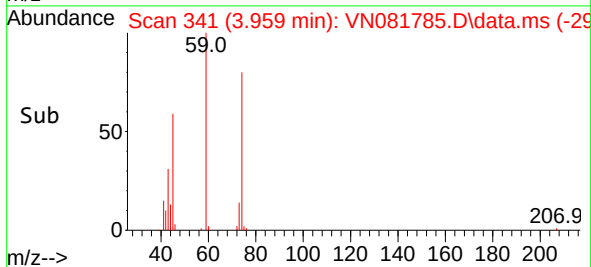
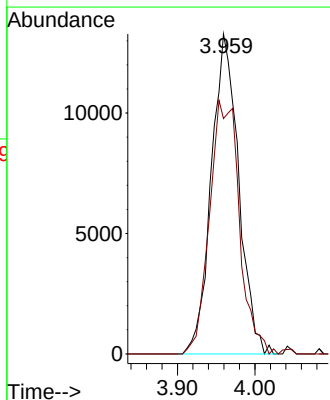
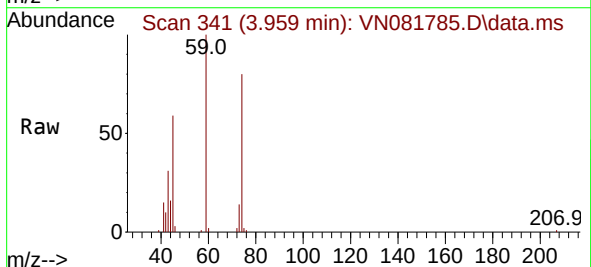
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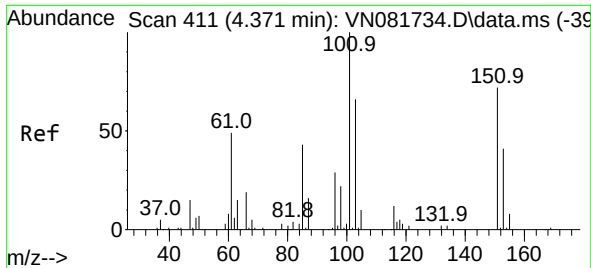
Reviewed By :John Carlone 04/19/2024
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#8
 Diethyl Ether
 Concen: 17.671 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 32467
 Ion Ratio Lower Upper
 74 100
 45 86.4 42.4 127.3





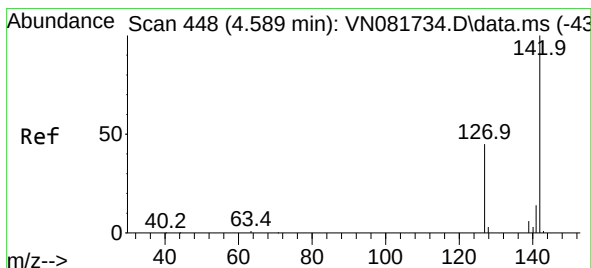
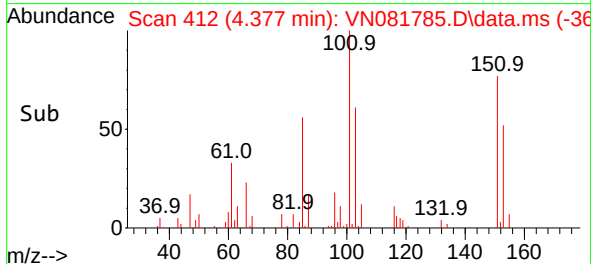
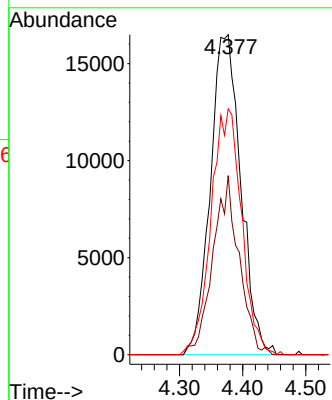
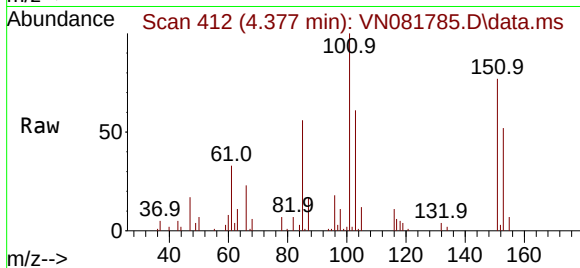
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.869 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01

Tgt Ion:101 Resp: 5530
Ion Ratio Lower Upper
101 100
85 48.0 37.3 55.9
151 77.1 59.2 88.8

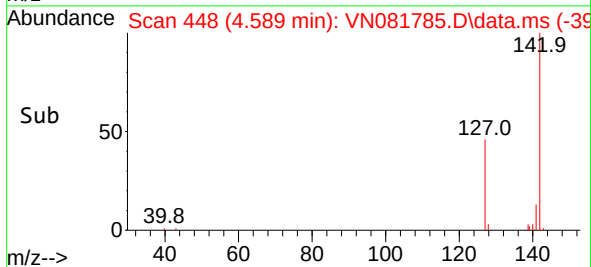
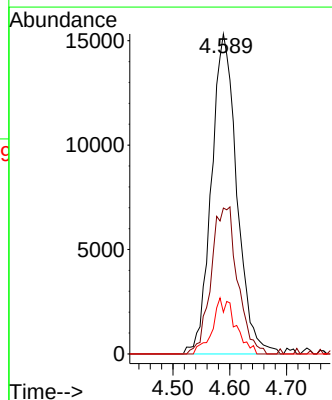
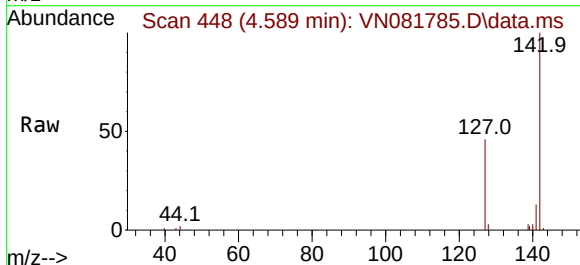
Manual Integrations
APPROVED

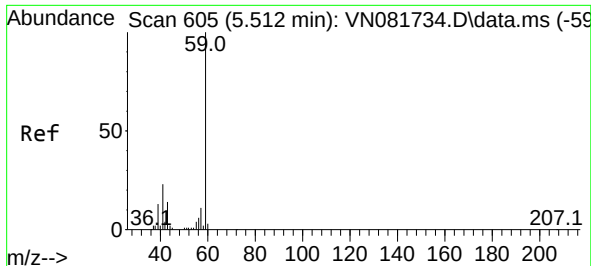
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#10
Methyl Iodide
Concen: 27.109 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Tgt Ion:142 Resp: 47699
Ion Ratio Lower Upper
142 100
127 45.6 35.8 53.6
141 13.1 11.4 17.2





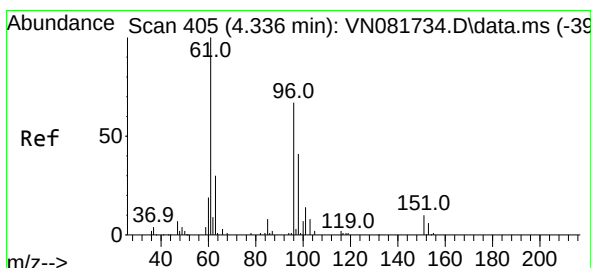
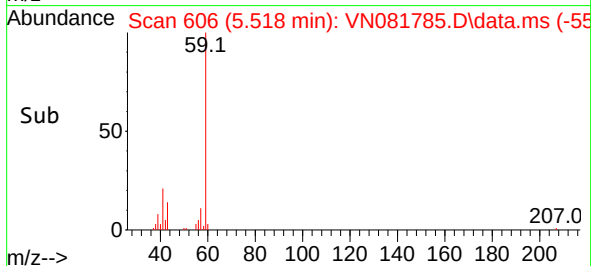
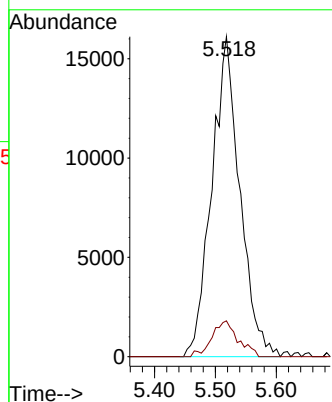
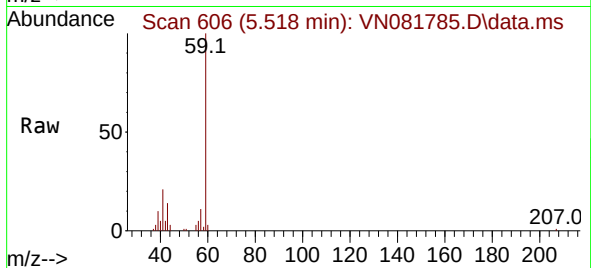
#11
Tert butyl alcohol
Concen: 102.851 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01

Tgt Ion: 59 Resp: 5162
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3

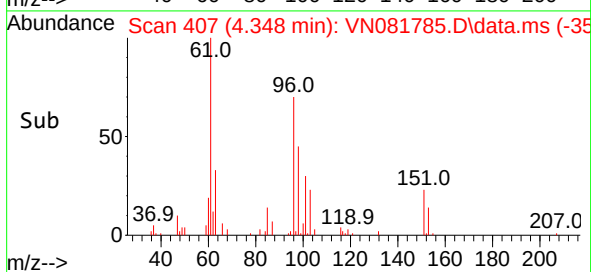
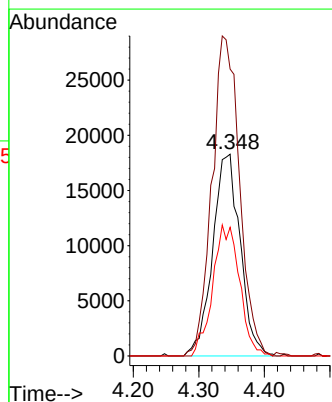
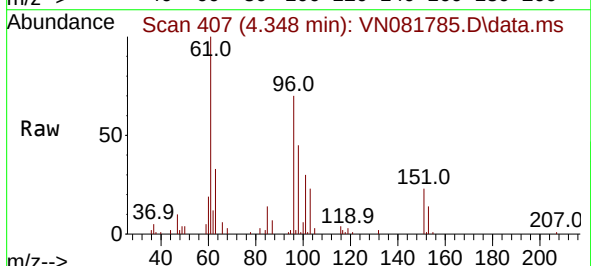
Manual Integrations
APPROVED

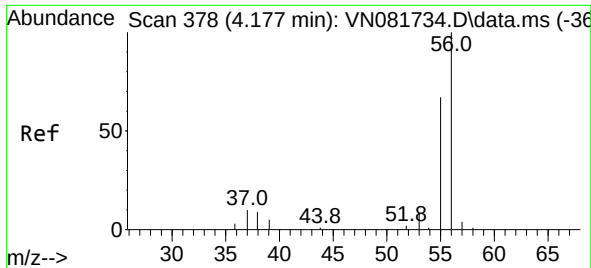
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#12
1,1-Dichloroethene
Concen: 17.092 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Tgt Ion: 96 Resp: 53101
Ion Ratio Lower Upper
96 100
61 142.1 119.7 179.5
98 63.7 49.6 74.4





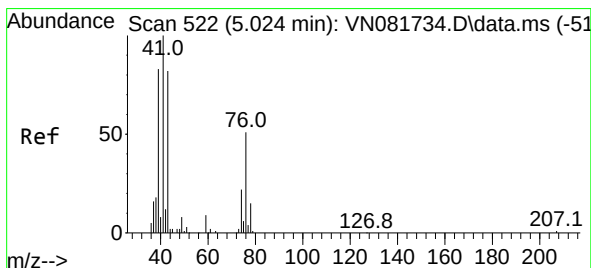
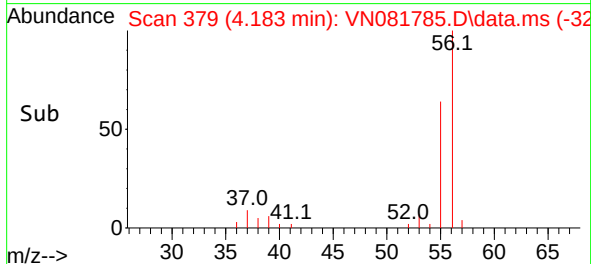
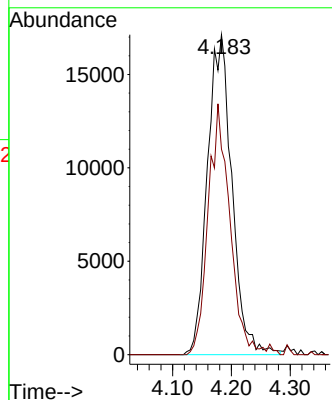
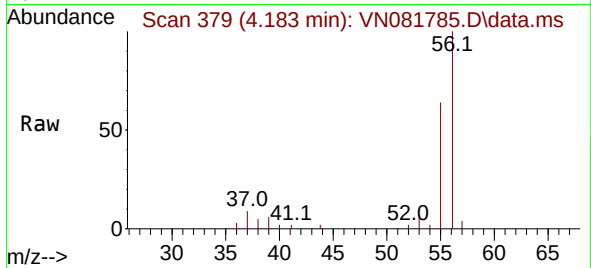
#13
Acrolein
Concen: 92.954 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01

Tgt Ion: 56 Resp: 49600
Ion Ratio Lower Upper
56 100
55 68.8 55.8 83.8

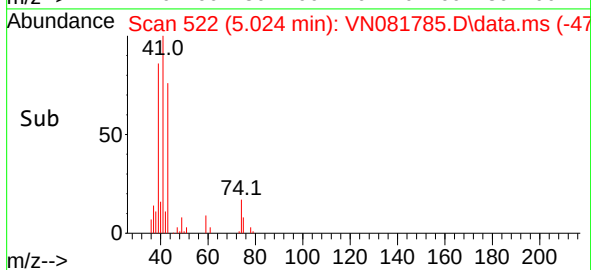
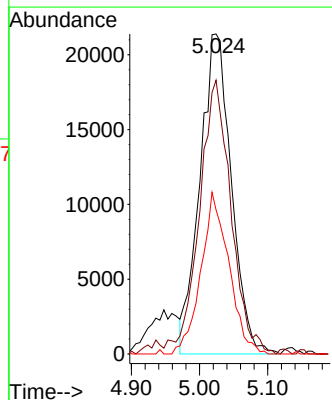
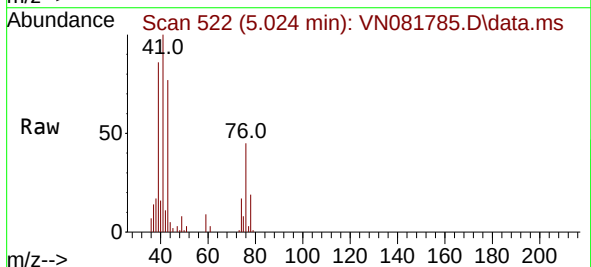
Manual Integrations
APPROVED

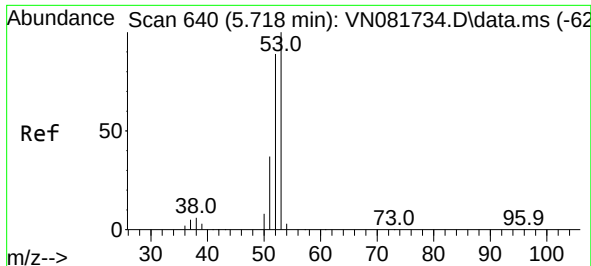
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#14
Allyl chloride
Concen: 17.450 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

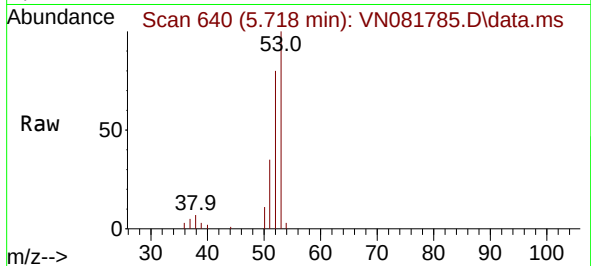
Tgt Ion: 41 Resp: 68806
Ion Ratio Lower Upper
41 100
39 85.8 65.4 98.0
76 44.8 37.3 55.9





#15
Acrylonitrile
Concen: 94.779 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

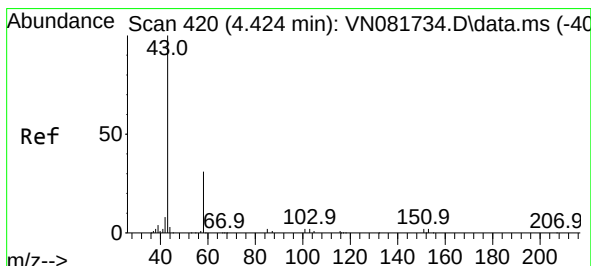
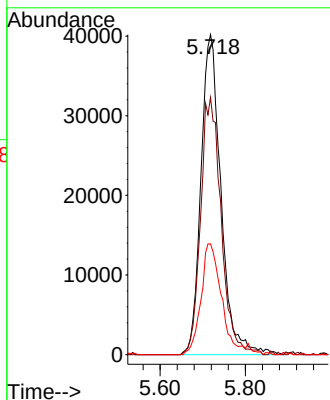
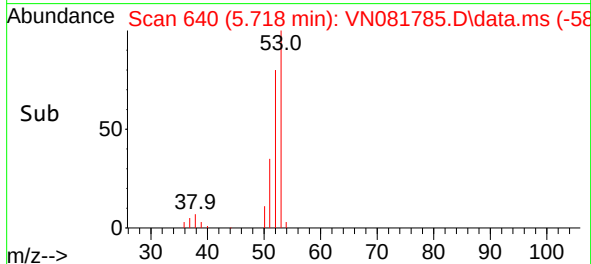
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



Tgt Ion: 53 Resp: 131289
Ion Ratio Lower Upper
53 100
52 82.4 66.1 99.1
51 34.8 29.4 44.2

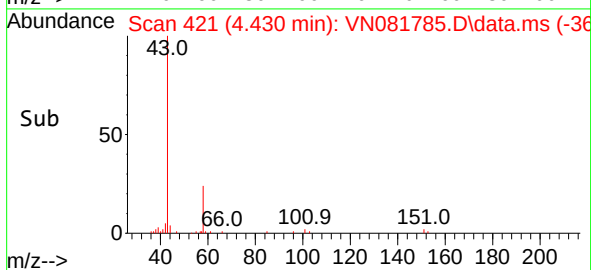
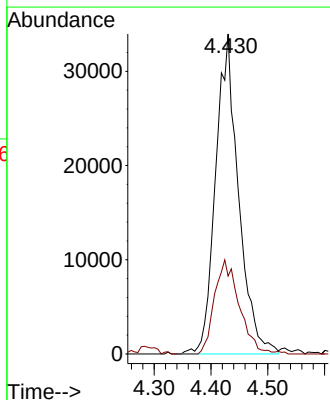
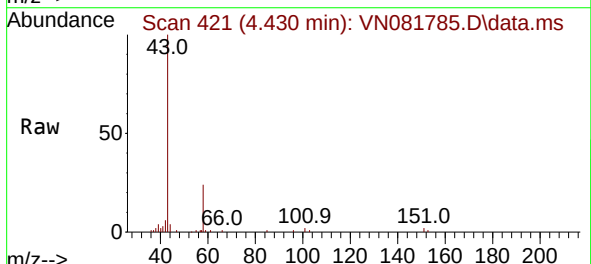
Manual Integrations
APPROVED

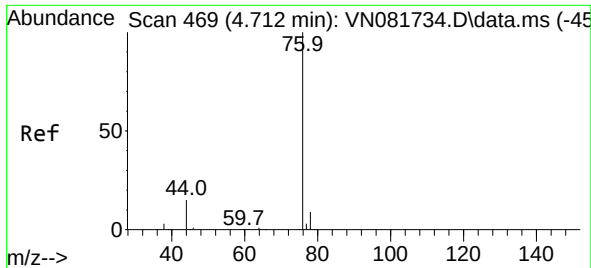
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#16
Acetone
Concen: 93.105 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

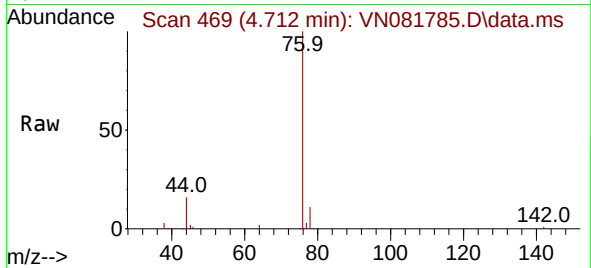
Tgt Ion: 43 Resp: 95352
Ion Ratio Lower Upper
43 100
58 24.4 25.2 37.8#





#17
Carbon Disulfide
Concen: 15.993 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

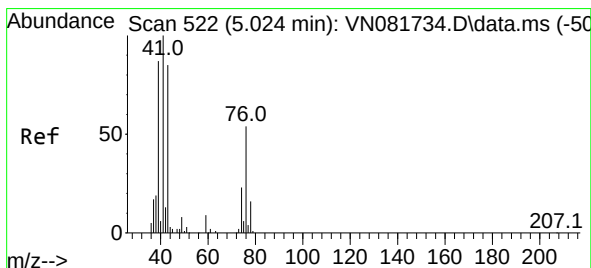
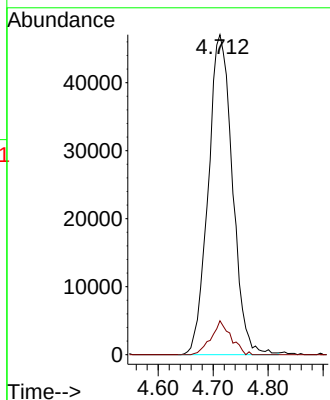
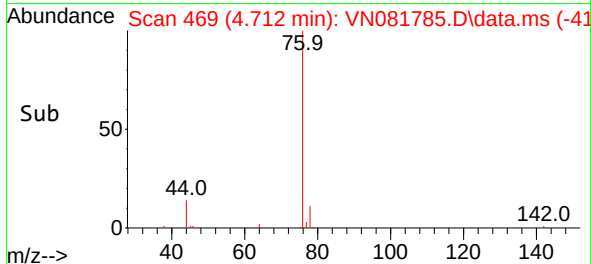
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



Tgt Ion: 76 Resp: 14442
Ion Ratio Lower Upper
76 100
78 10.6 7.5 11.3

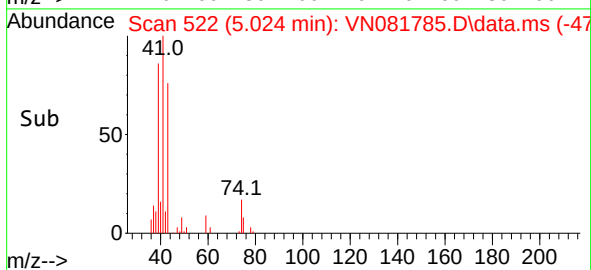
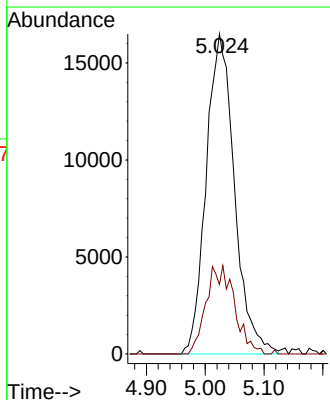
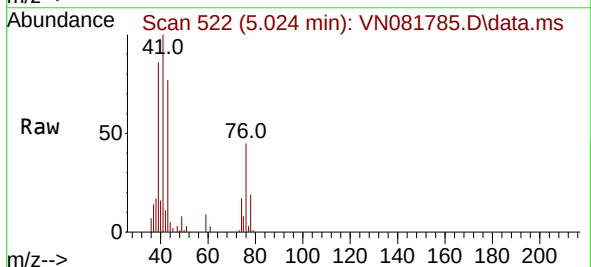
Manual Integrations
APPROVED

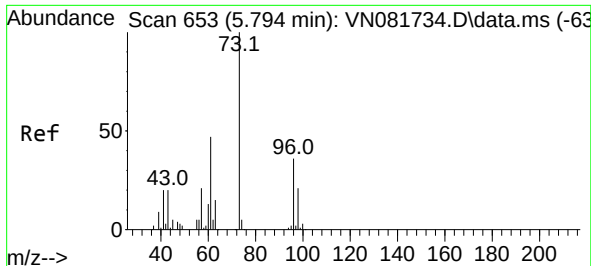
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#18
Methyl Acetate
Concen: 19.241 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

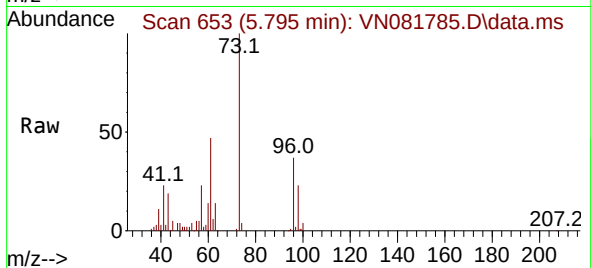
Tgt Ion: 43 Resp: 55114
Ion Ratio Lower Upper
43 100
74 13.8 22.2 33.2#





#19
Methyl tert-butyl Ether
Concen: 19.558 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

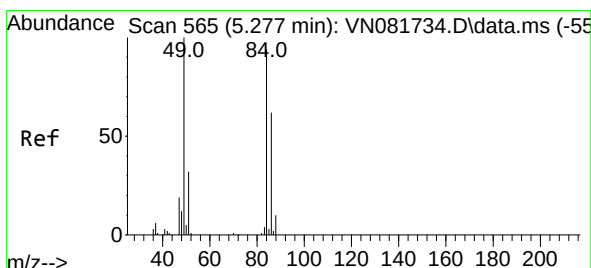
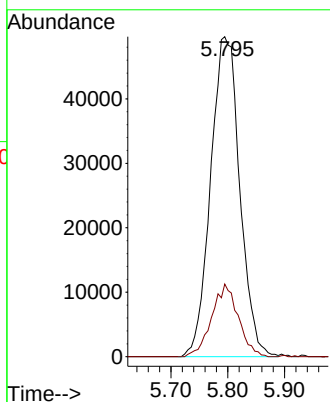
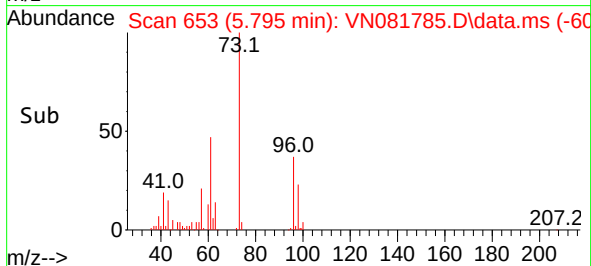
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01



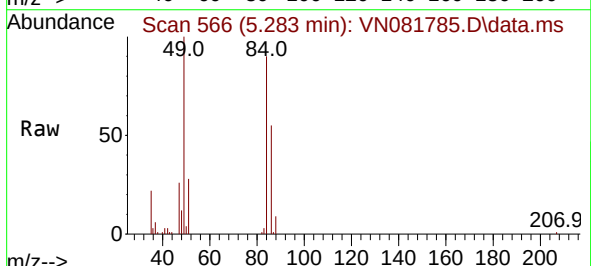
Tgt Ion: 73 Resp: 17685
Ion Ratio Lower Upper
73 100
57 22.7 16.5 24.7

Manual Integrations
APPROVED

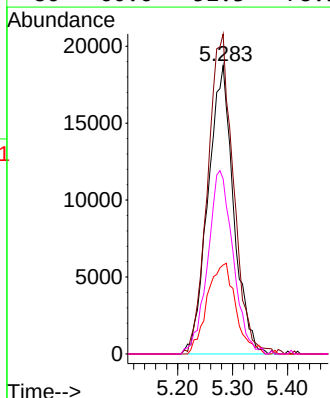
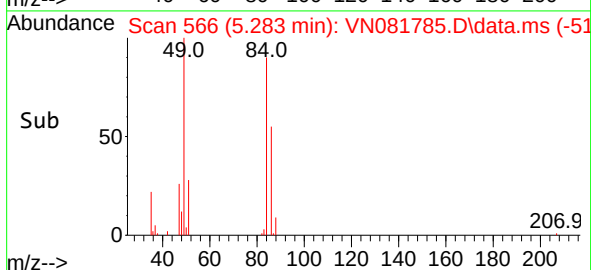
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

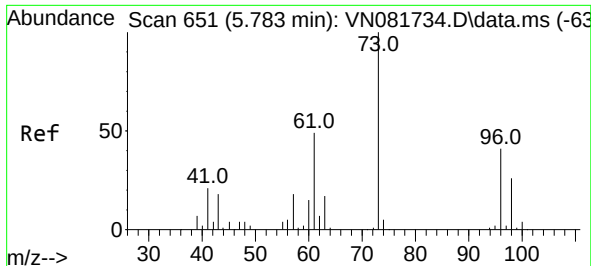


#20
Methylene Chloride
Concen: 18.656 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18



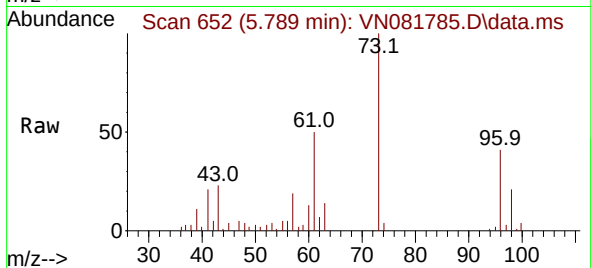
Tgt Ion: 84 Resp: 60541
Ion Ratio Lower Upper
84 100
49 110.9 84.9 127.3
51 30.8 27.0 40.6
86 60.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 18.362 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

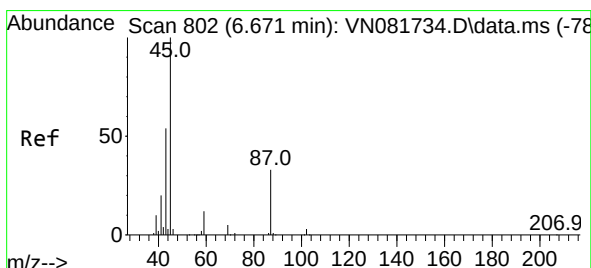
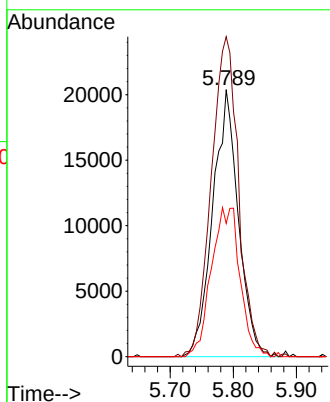
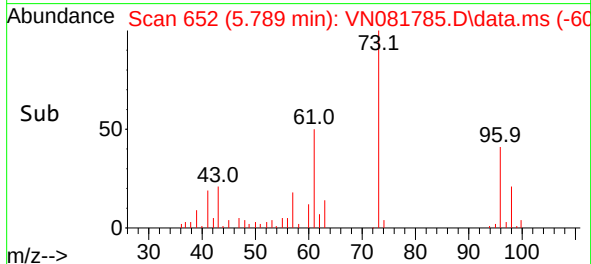
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01



Tgt Ion: 96 Resp: 57298
Ion Ratio Lower Upper
96 100
61 119.9 96.5 144.7
98 49.9 51.3 76.9

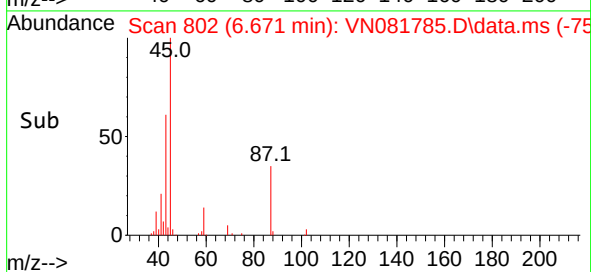
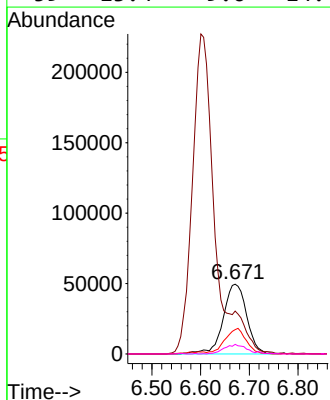
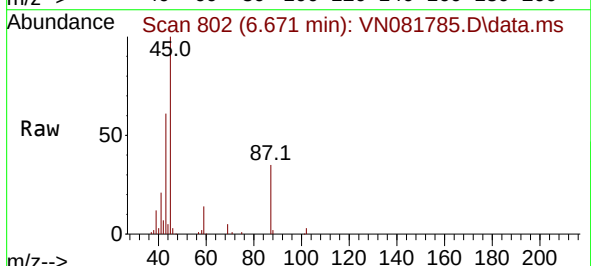
Manual Integrations
APPROVED

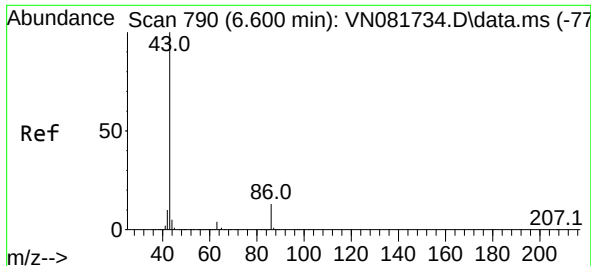
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#22
Diisopropyl ether
Concen: 19.371 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

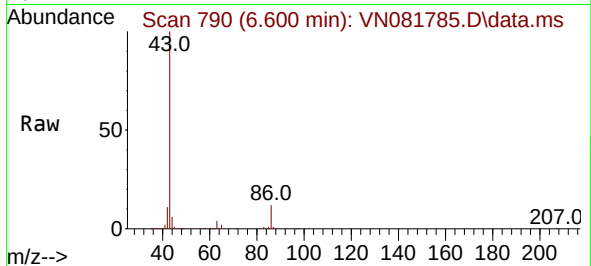
Tgt Ion: 45 Resp: 166207
Ion Ratio Lower Upper
45 100
43 60.4 44.1 66.1
87 34.9 27.0 40.6
59 13.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 100.470 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081785.D
 Acq: 18 Apr 2024 14:18

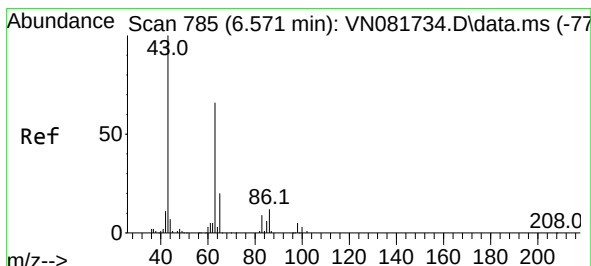
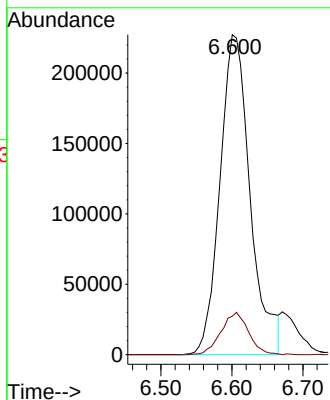
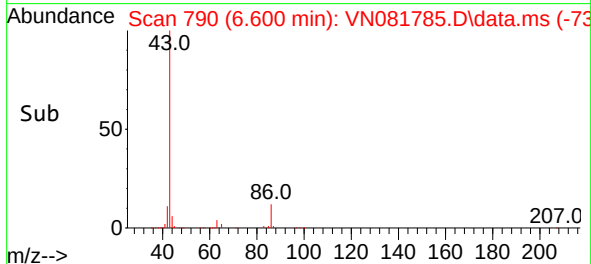
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418MBSD01



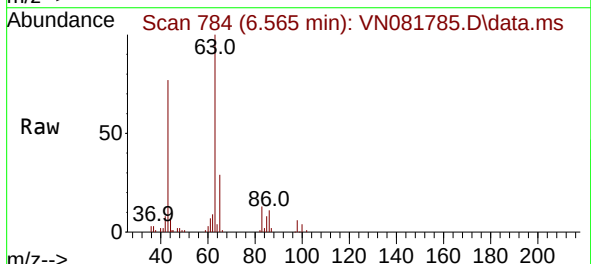
Tgt Ion: 43 Resp: 672919
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.2 15.4

Manual Integrations
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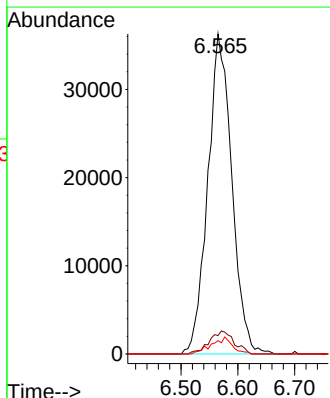
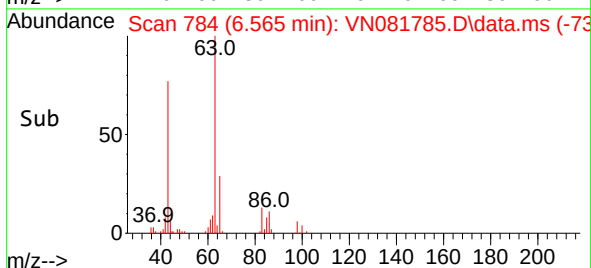
Reviewed By :John Carlone 04/19/2024
 Supervised By :Mahesh Dadoda 04/19/2024

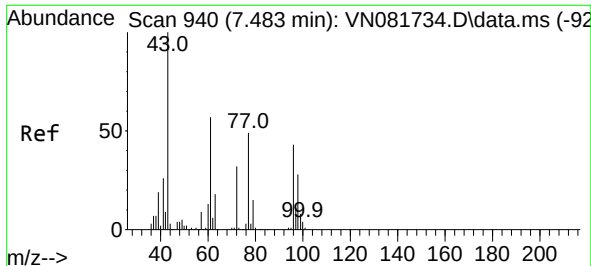


#24
 1,1-Dichloroethane
 Concen: 18.902 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081785.D
 Acq: 18 Apr 2024 14:18



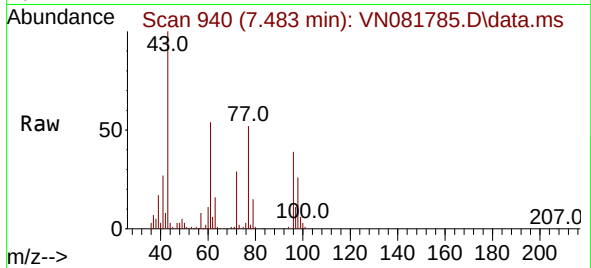
Tgt Ion: 63 Resp: 106712
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.6 10.9
 100 4.2 2.6 7.8





#25
2-Butanone
Concen: 96.690 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

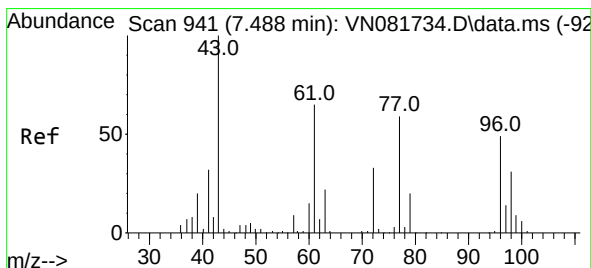
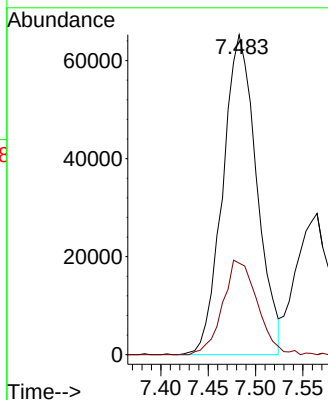
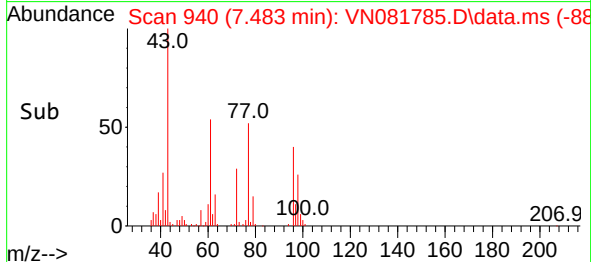
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01



Tgt Ion: 43 Resp: 163244
Ion Ratio Lower Upper
43 100
72 28.6 25.3 37.9

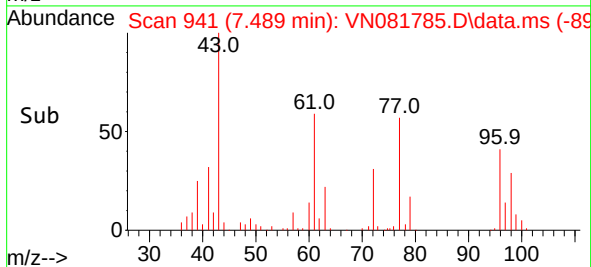
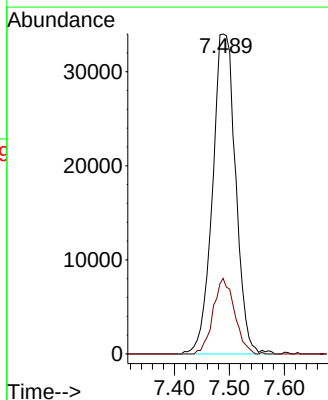
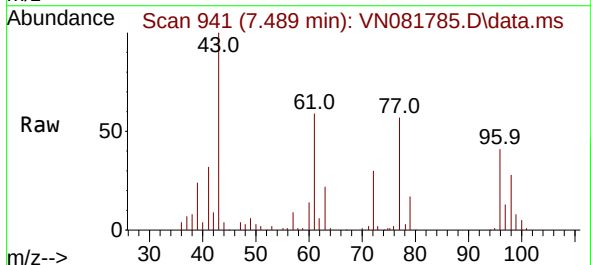
Manual Integrations
APPROVED

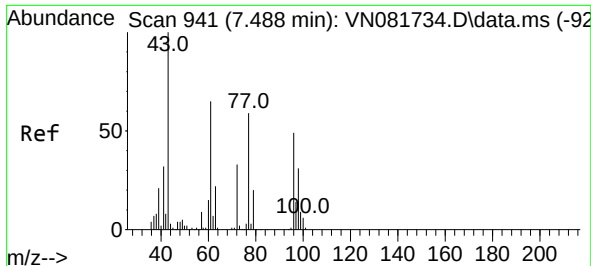
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#26
2,2-Dichloropropane
Concen: 20.187 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Tgt Ion: 77 Resp: 99343
Ion Ratio Lower Upper
77 100
97 21.9 11.3 33.9





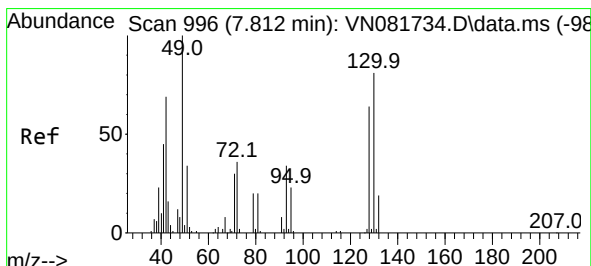
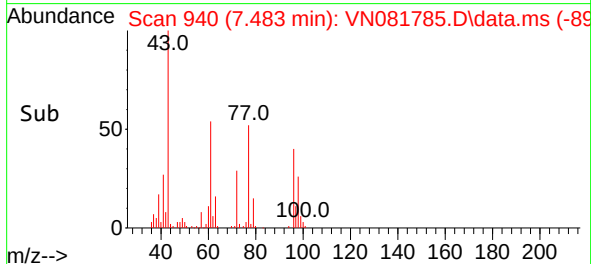
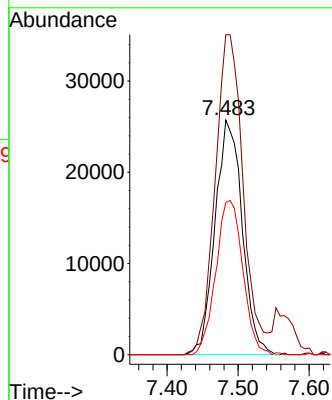
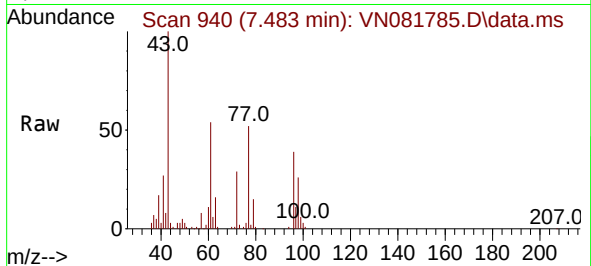
#27
cis-1,2-Dichloroethene
Concen: 17.849 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01

Tgt Ion: 96 Resp: 68134
Ion Ratio Lower Upper
96 100
61 140.5 0.0 268.0
98 65.5 0.0 126.8

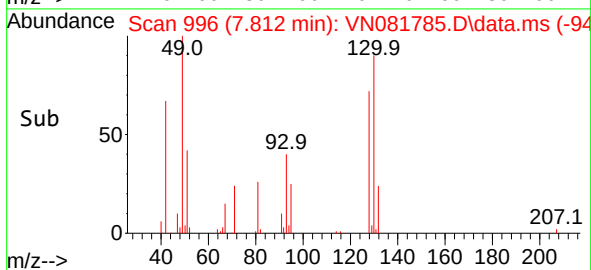
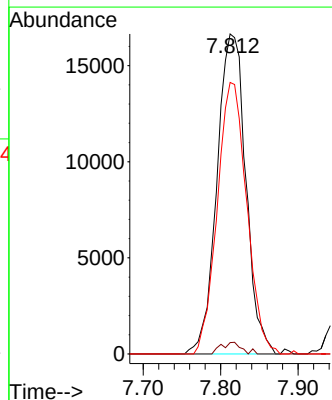
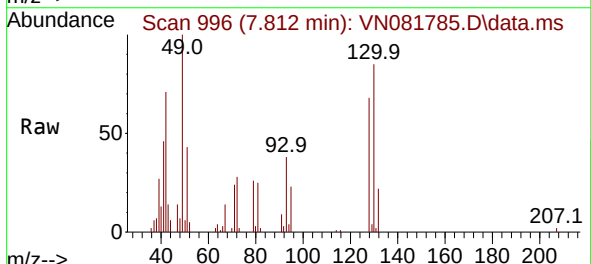
Manual Integrations
APPROVED

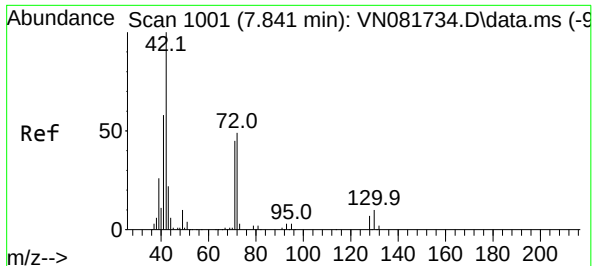
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#28
Bromochloromethane
Concen: 17.876 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Tgt Ion: 49 Resp: 43085
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.6
130 86.6 66.7 100.1





#29

Tetrahydrofuran

Concen: 102.770 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0418MBS01

Tgt Ion: 42 Resp: 11225

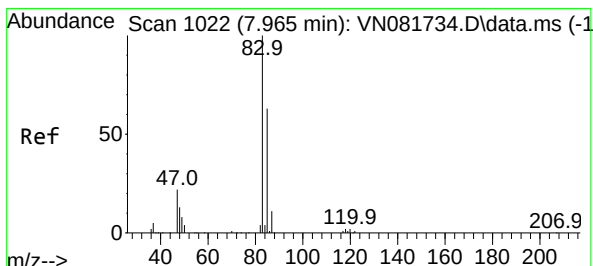
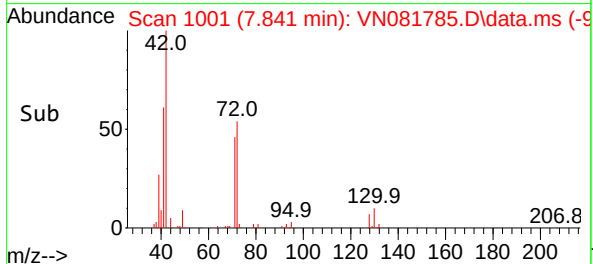
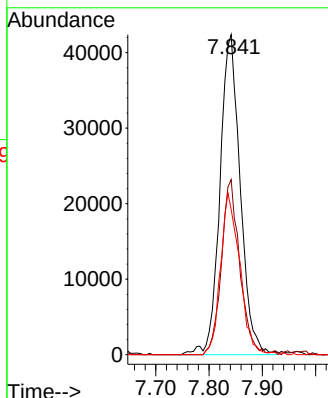
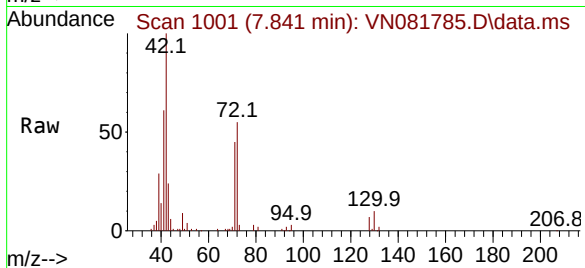
Ion	Ratio	Lower	Upper
42	100		
72	49.3	39.3	58.9
71	47.6	37.4	56.0

Manual Integrations

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Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#30

Chloroform

Concen: 18.247 ug/l

RT: 7.971 min Scan# 1023

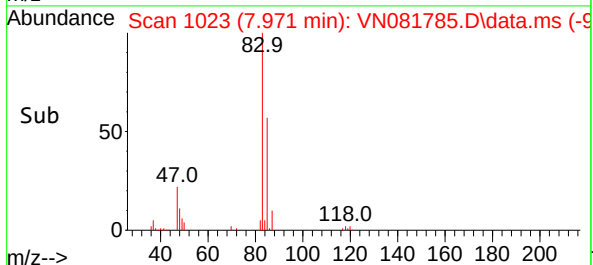
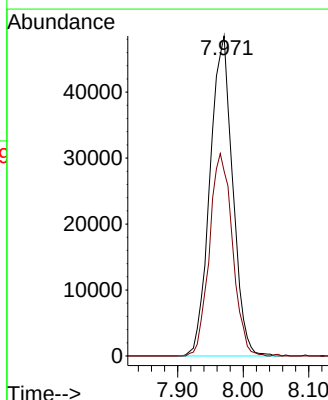
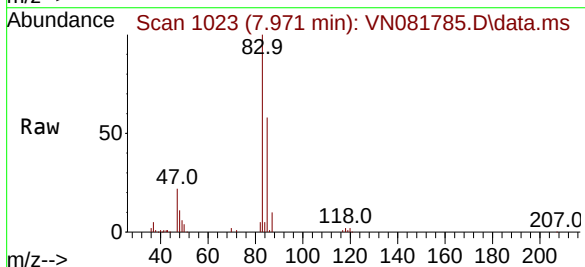
Delta R.T. 0.006 min

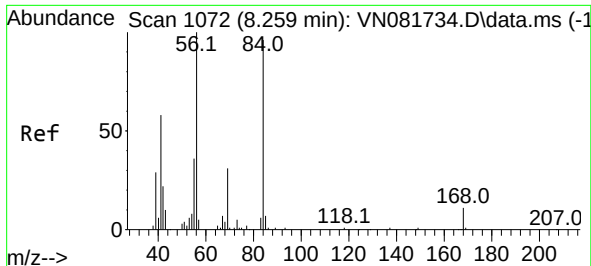
Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

Tgt Ion: 83 Resp: 116811

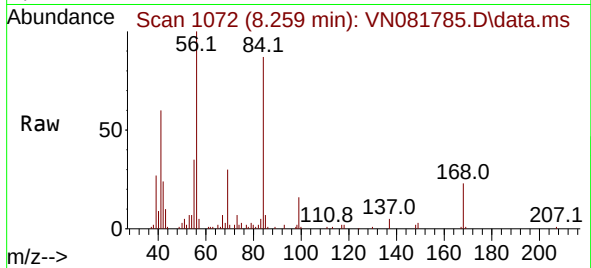
Ion	Ratio	Lower	Upper
83	100		
85	57.7	50.7	76.1





#31
Cyclohexane
Concen: 17.915 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

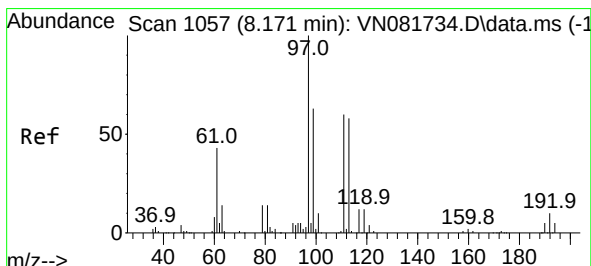
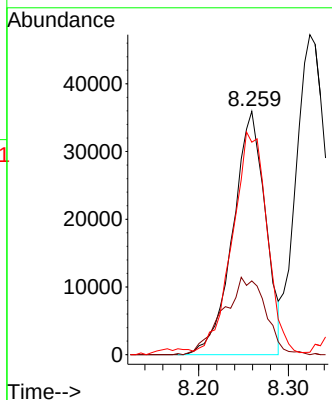
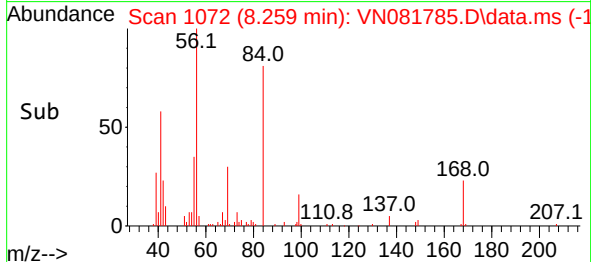
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01



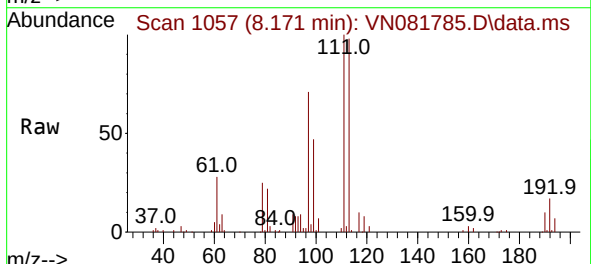
Tgt Ion: 56 Resp: 90432
Ion Ratio Lower Upper
56 100
69 29.8 24.4 36.6
84 84.9 77.0 115.4

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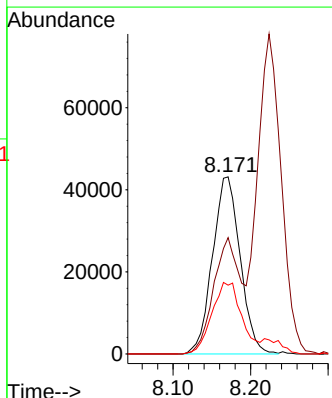
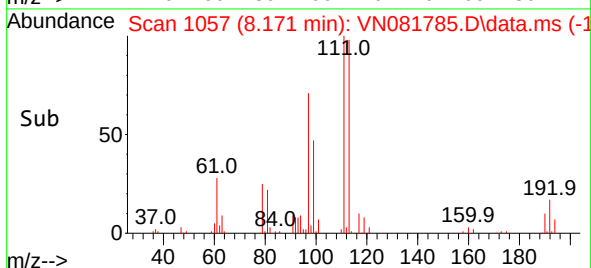
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

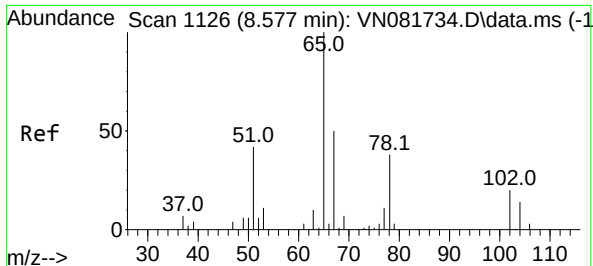


#32
1,1,1-Trichloroethane
Concen: 18.846 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18



Tgt Ion: 97 Resp: 106982
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 44.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 51.608 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0418MBSD01

Tgt Ion: 65 Resp: 189900

Ion Ratio Lower Upper

65 100

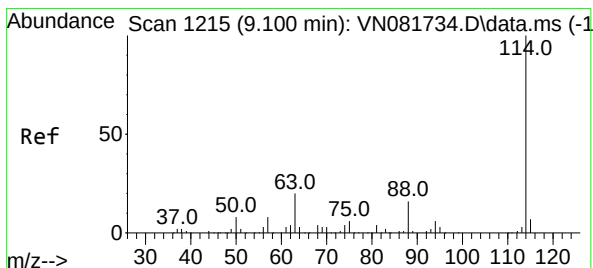
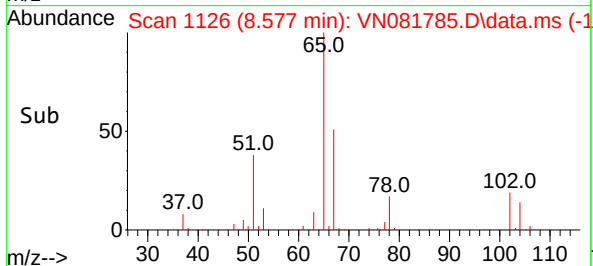
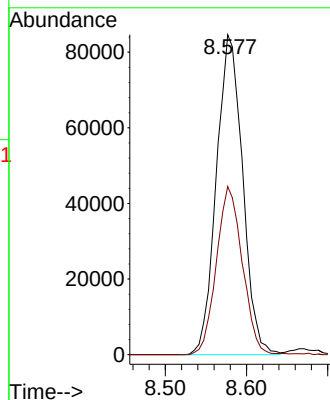
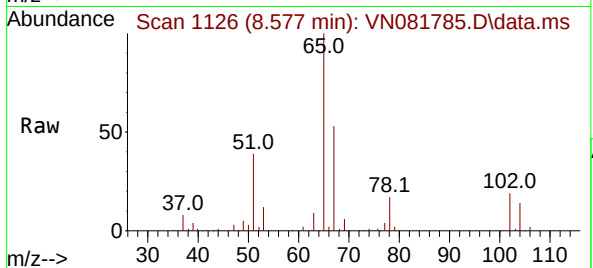
67 52.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

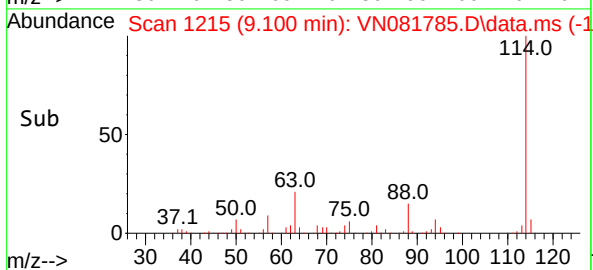
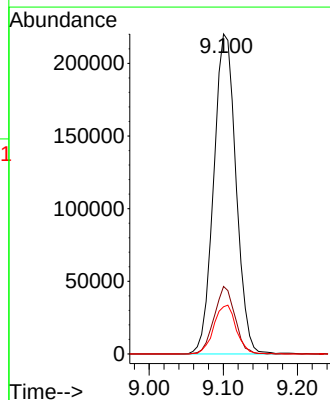
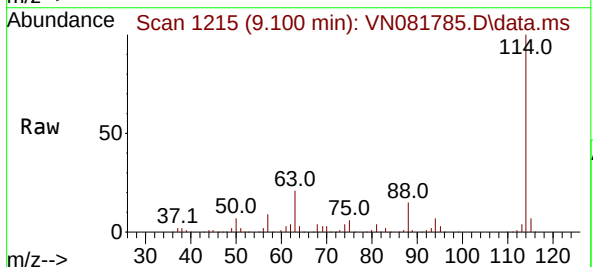
Tgt Ion:114 Resp: 460397

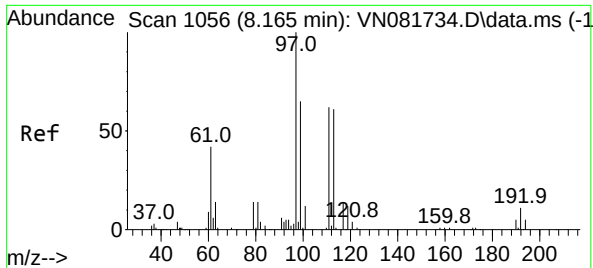
Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.0

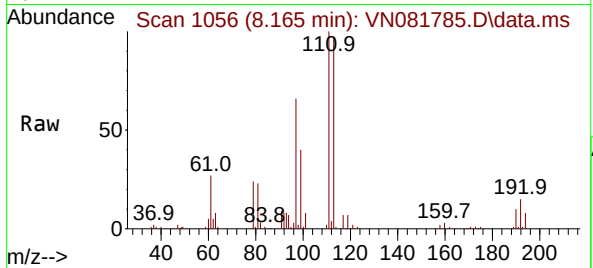
88 14.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 50.887 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

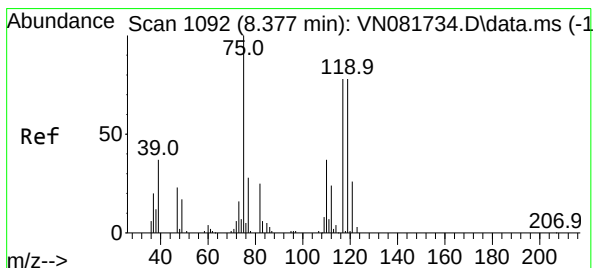
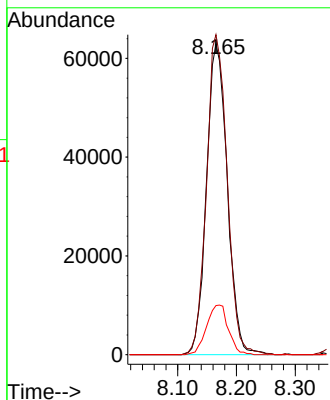
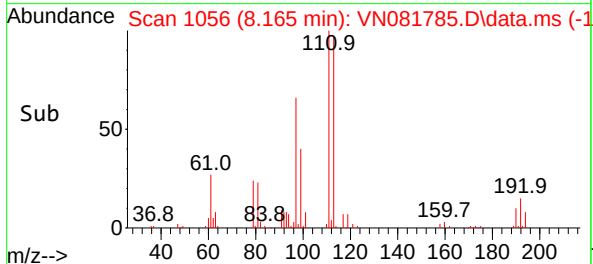
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01



Tgt Ion: 113 Resp: 154708
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 16.7 14.0 21.0

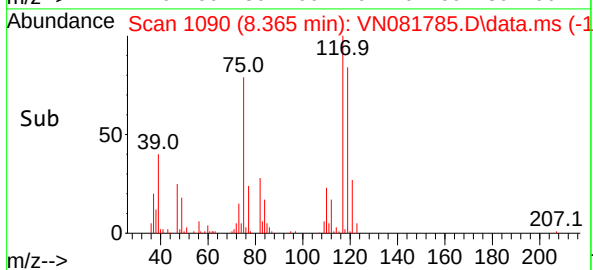
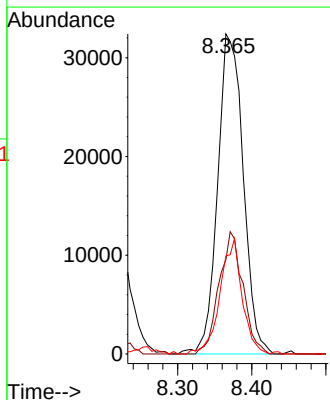
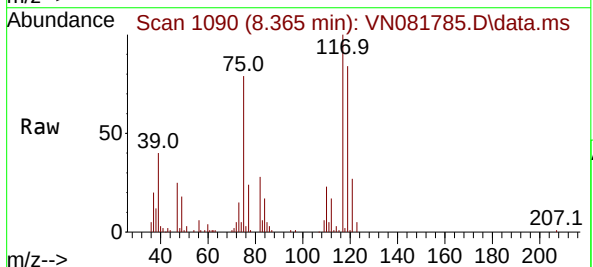
Manual Integrations
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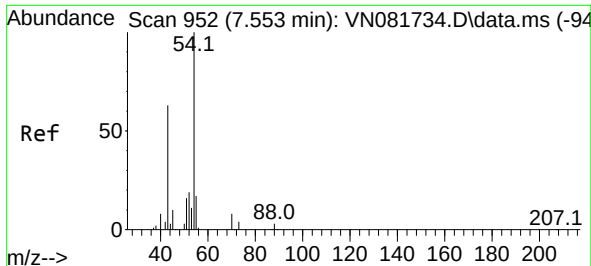
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#36
1,1-Dichloropropene
Concen: 18.357 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.012 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Tgt Ion: 75 Resp: 77755
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 21.011 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0418MBSD01

Tgt Ion: 43 Resp: 73130

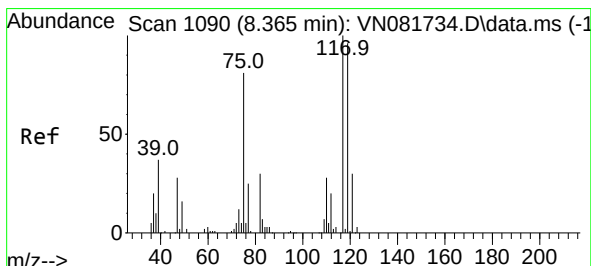
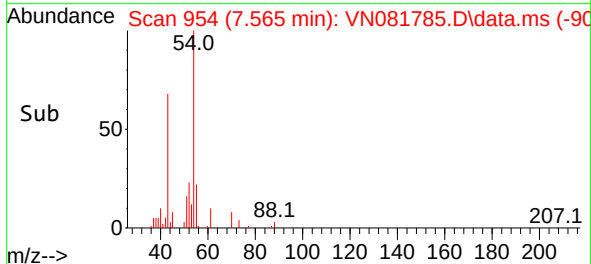
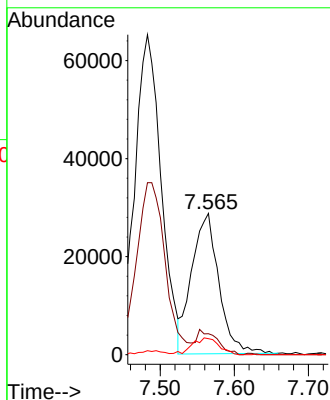
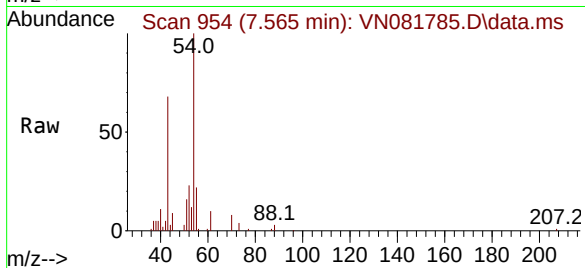
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.3	16.9
70	11.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#38

Carbon Tetrachloride

Concen: 19.254 ug/l

RT: 8.365 min Scan# 1090

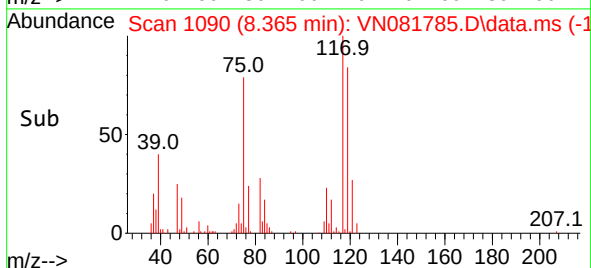
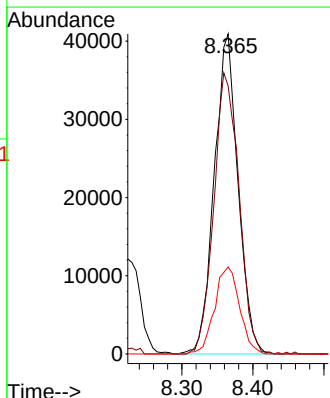
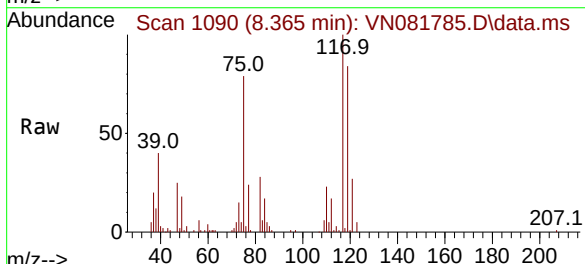
Delta R.T. -0.000 min

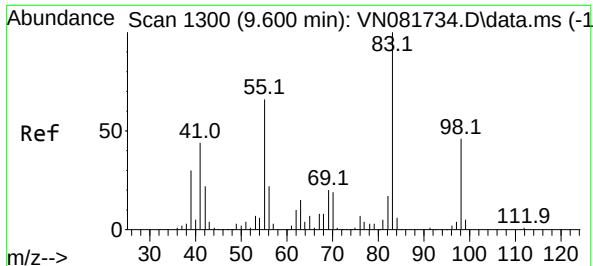
Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

Tgt Ion:117 Resp: 94883

Ion	Ratio	Lower	Upper
117	100		
119	83.8	76.5	114.7
121	27.2	23.9	35.9





#39

Methylcyclohexane

Concen: 17.646 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0418MBS01

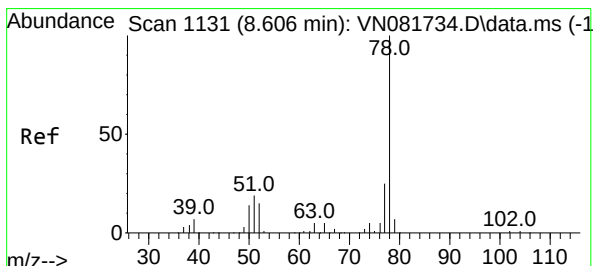
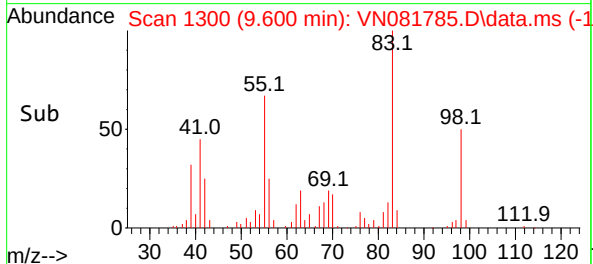
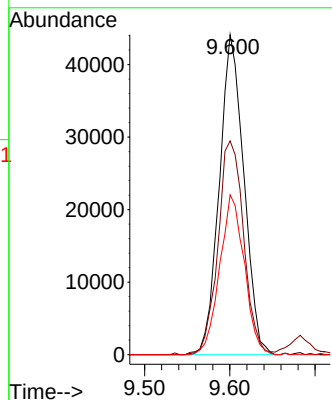
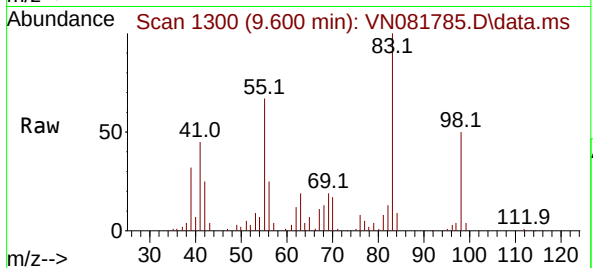
Tgt Ion: 83	Resp: 8805
Ion Ratio	Lower Upper
83	100
55	66.8 53.0 79.6
98	50.0 37.1 55.7

Manual Integrations

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Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#40

Benzene

Concen: 18.228 ug/l

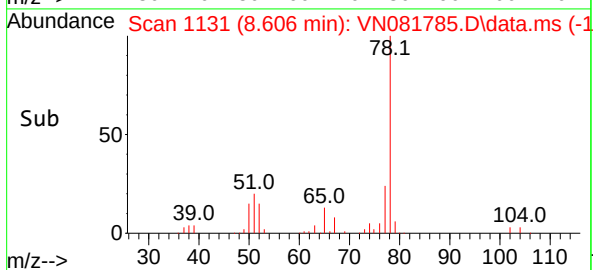
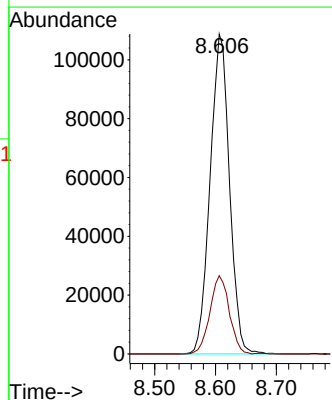
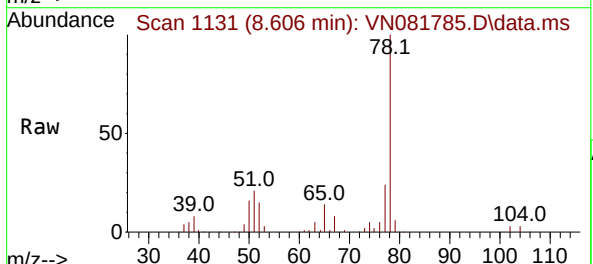
RT: 8.606 min Scan# 1131

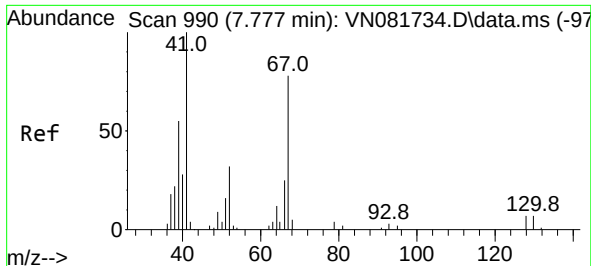
Delta R.T. 0.000 min

Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

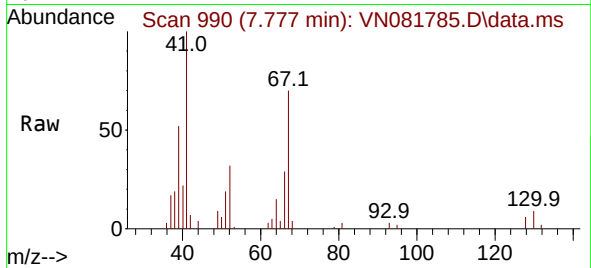
Tgt Ion: 78	Resp: 240515
Ion Ratio	Lower Upper
78	100
77	24.5 20.0 30.0





#41
Methacrylonitrile
Concen: 20.186 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

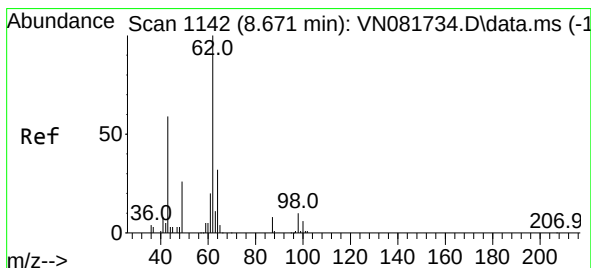
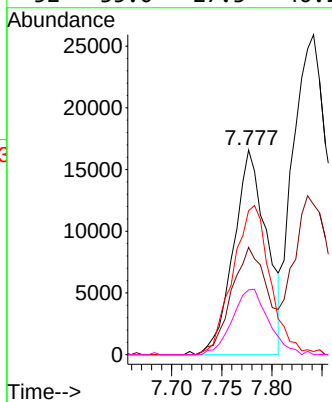
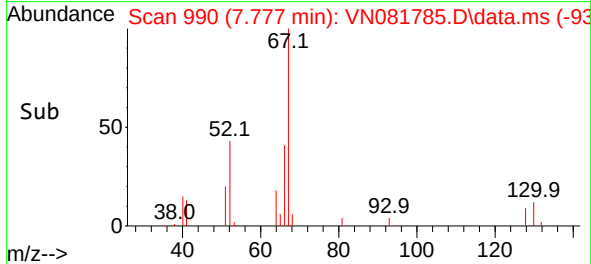
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



Tgt Ion:	41	Resp:	3814
Ion Ratio	100	Lower	Upper
41	100		
39	57.5	46.6	69.8
67	82.3	67.3	100.9
52	35.0	27.3	40.9

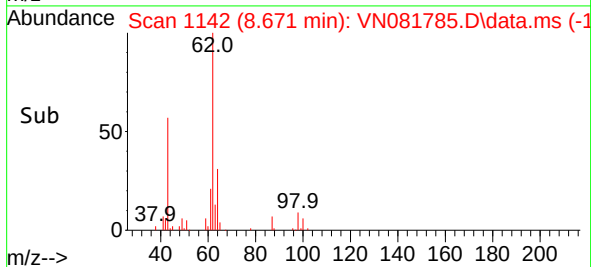
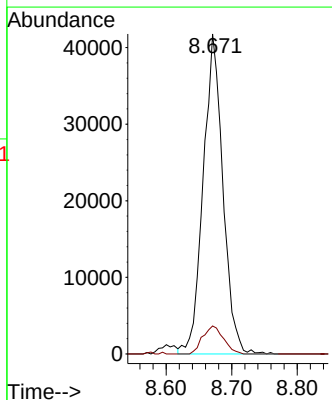
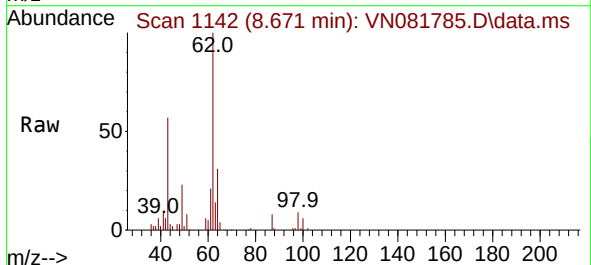
Manual Integrations
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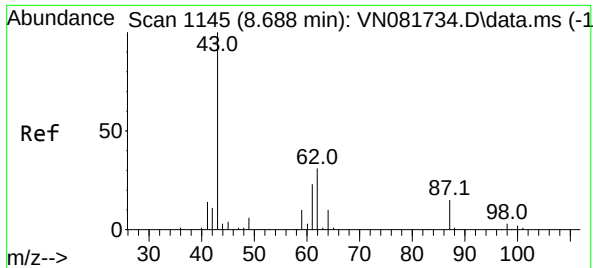
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#42
1,2-Dichloroethane
Concen: 19.013 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Tgt Ion:	62	Resp:	87453
Ion Ratio	100	Lower	Upper
62	100		
98	9.2	0.0	19.6





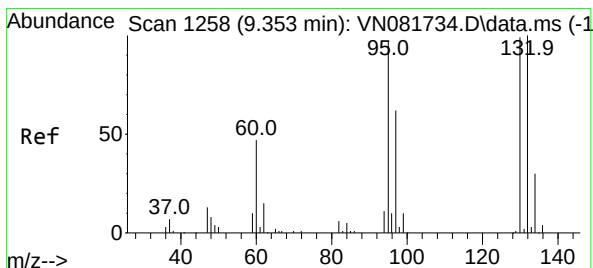
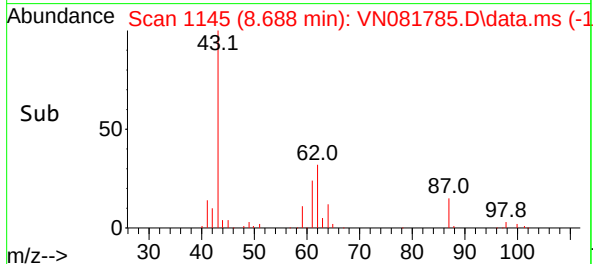
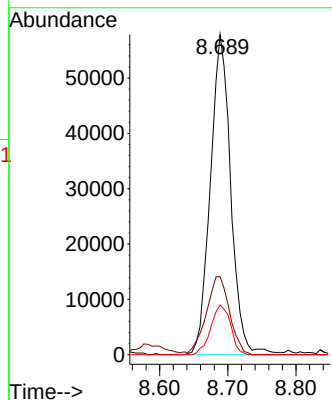
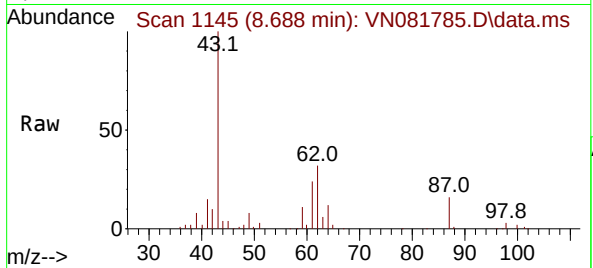
#43
Isopropyl Acetate
Concen: 18.586 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01

Tgt Ion: 43 Resp: 12068
Ion Ratio Lower Upper
43 100
61 28.0 22.8 34.2
87 15.0 12.0 18.0

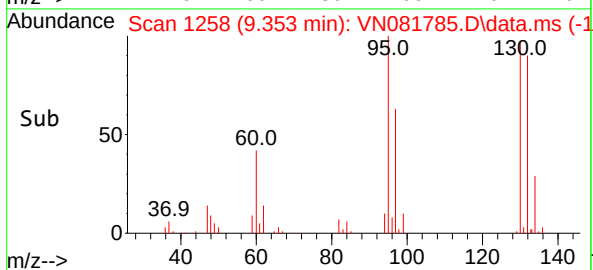
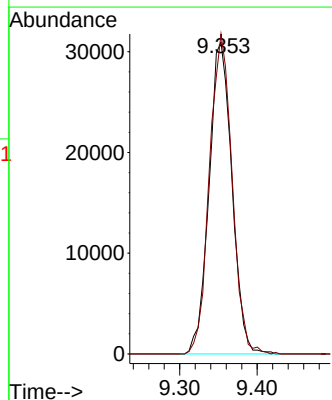
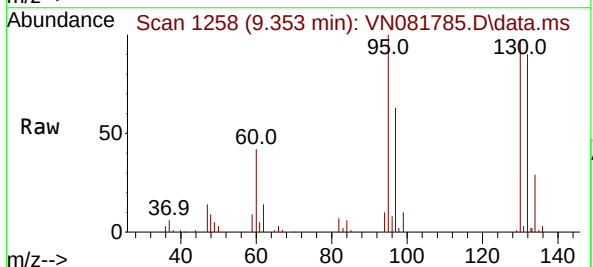
Manual Integrations
APPROVED

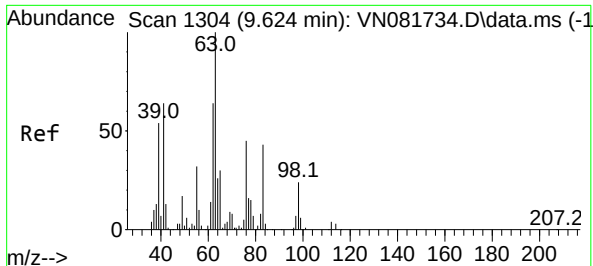
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#44
Trichloroethene
Concen: 18.536 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Tgt Ion:130 Resp: 63602
Ion Ratio Lower Upper
130 100
95 102.7 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.629 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0418MBS01

Tgt Ion: 63 Resp: 5667

Ion Ratio Lower Upper

63 100

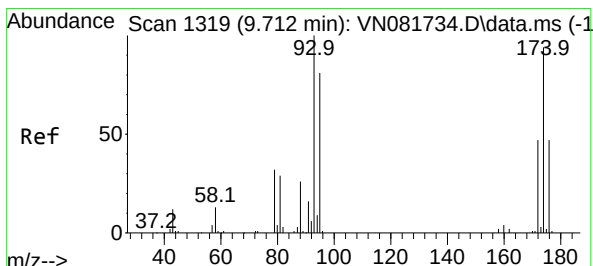
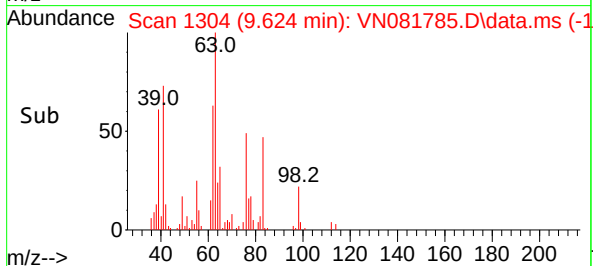
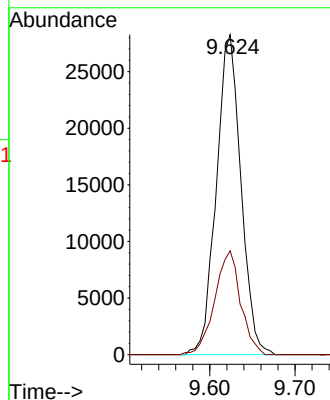
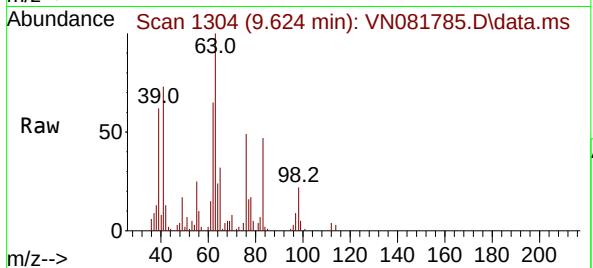
65 32.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#46

Dibromomethane

Concen: 18.376 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

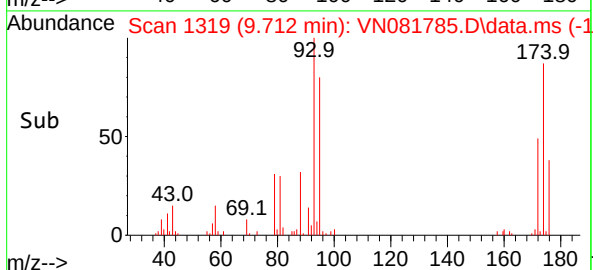
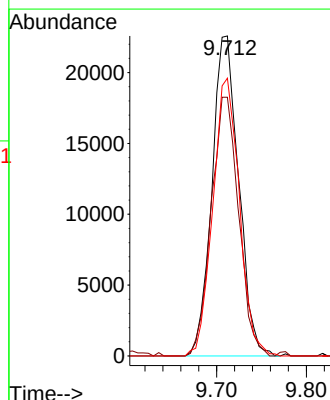
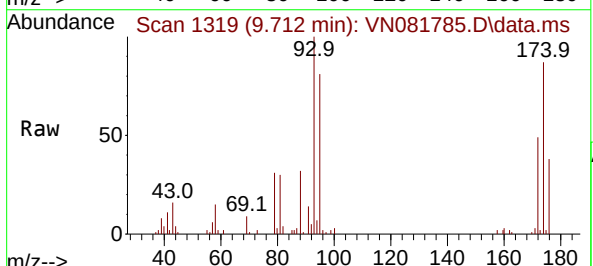
Tgt Ion: 93 Resp: 46657

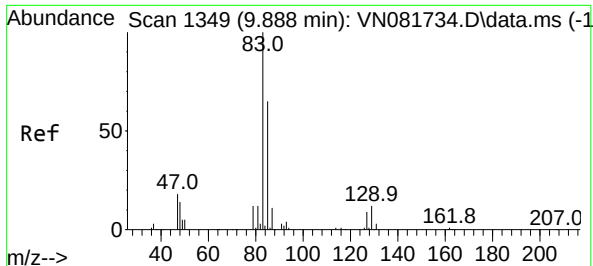
Ion Ratio Lower Upper

93 100

95 83.0 64.8 97.2

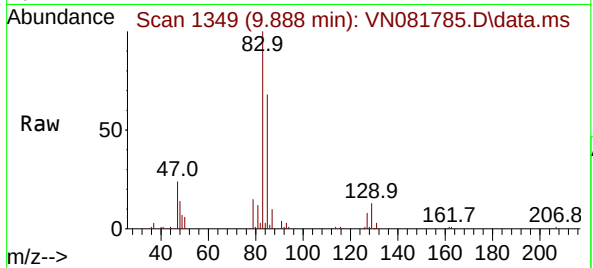
174 86.4 73.4 110.0





#47
Bromodichloromethane
Concen: 18.736 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

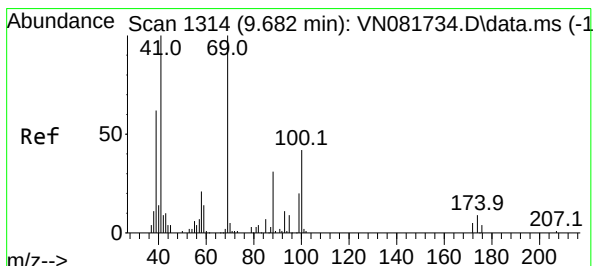
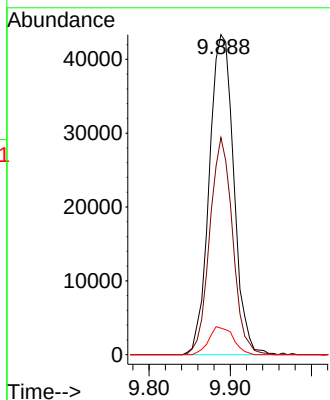
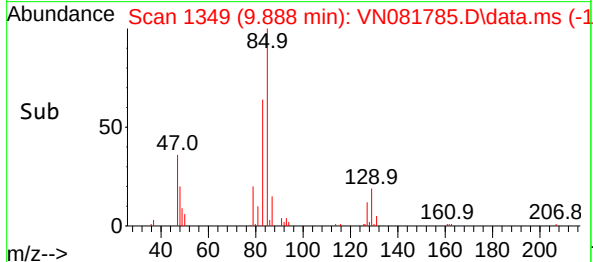
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



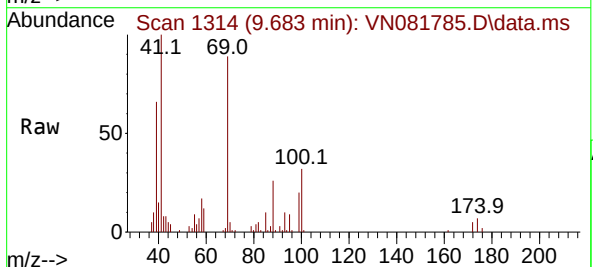
Tgt Ion: 83 Resp: 9087
Ion Ratio Lower Upper
83 100
85 67.8 51.9 77.9
127 8.3 7.5 11.3

Manual Integrations
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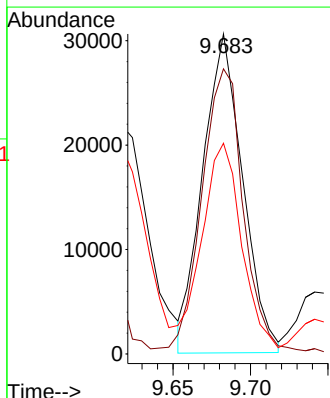
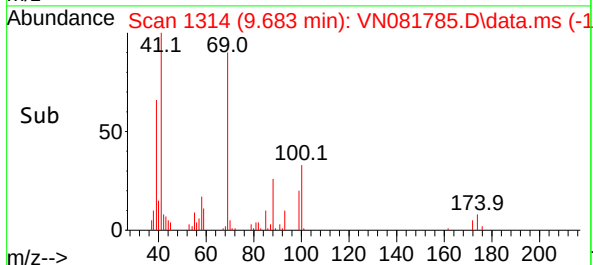
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

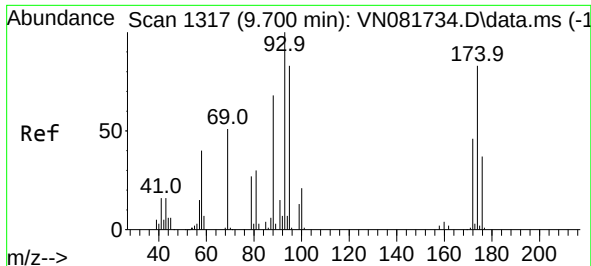


#48
Methyl methacrylate
Concen: 20.674 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18



Tgt Ion: 41 Resp: 54716
Ion Ratio Lower Upper
41 100
69 94.4 77.9 116.9
39 68.1 50.9 76.3





#49

1,4-Dioxane

Concen: 404.283 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0418MBSD01

Tgt Ion: 88 Resp: 26830

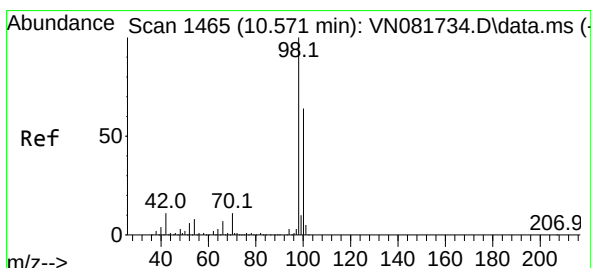
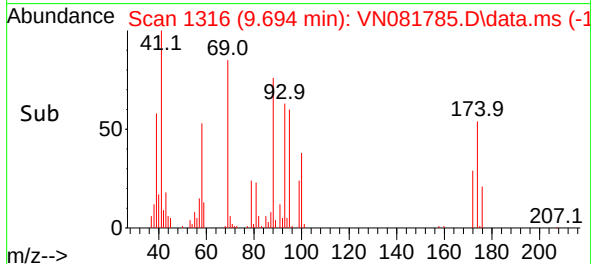
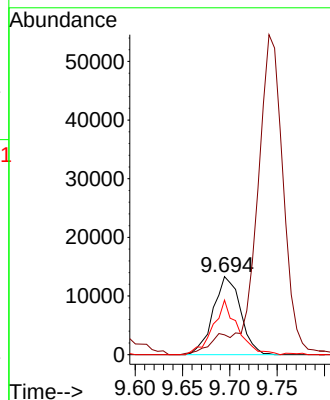
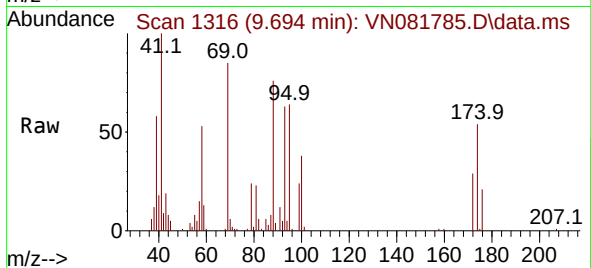
Ion	Ratio	Lower	Upper
88	100		
43	21.0	19.0	28.6
58	63.0	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#50

Toluene-d8

Concen: 52.988 ug/l

RT: 10.571 min Scan# 1465

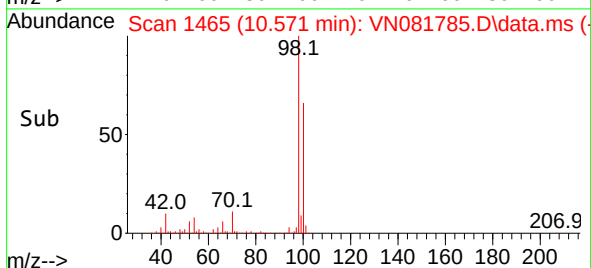
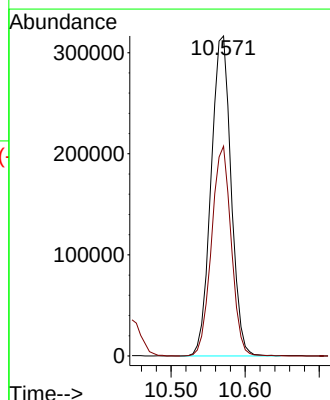
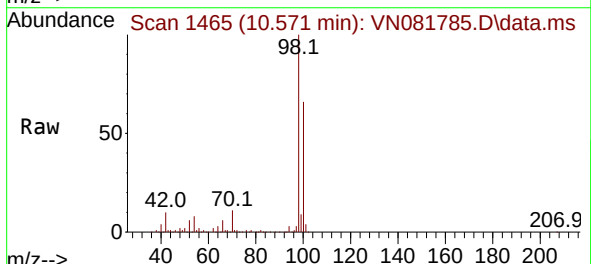
Delta R.T. -0.000 min

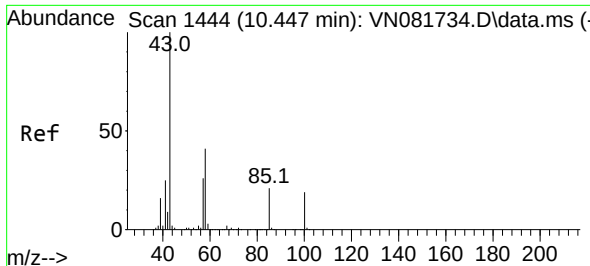
Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

Tgt Ion: 98 Resp: 593464

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.6





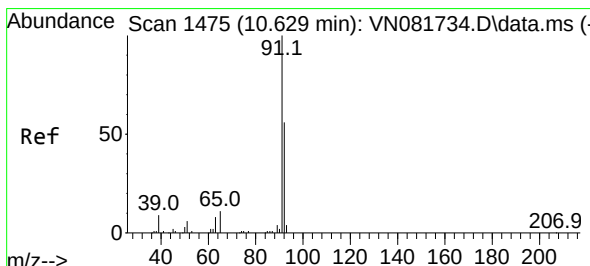
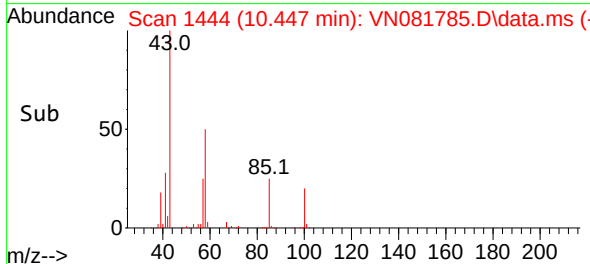
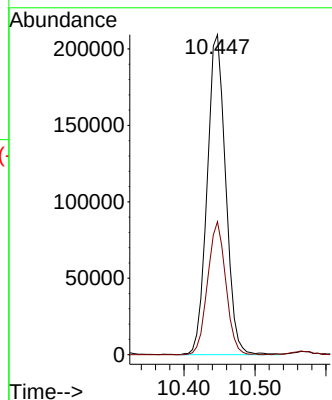
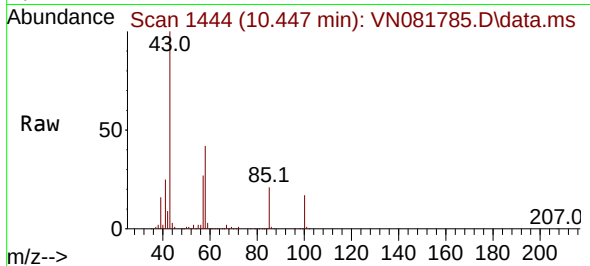
#51
4-Methyl-2-Pentanone
Concen: 105.033 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01

Tgt Ion: 43 Resp: 37935
Ion Ratio Lower Upper
43 100
58 40.7 33.2 49.8

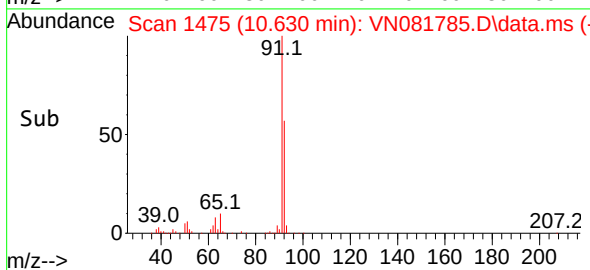
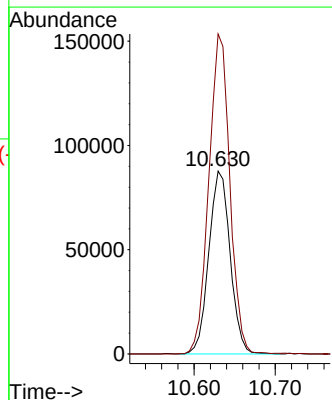
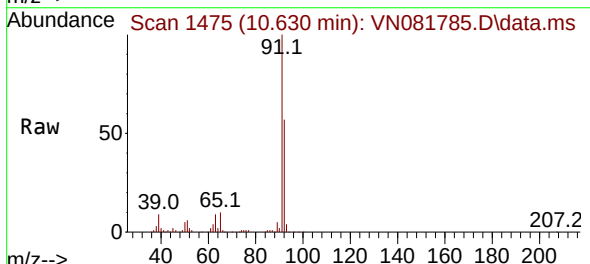
Manual Integrations
APPROVED

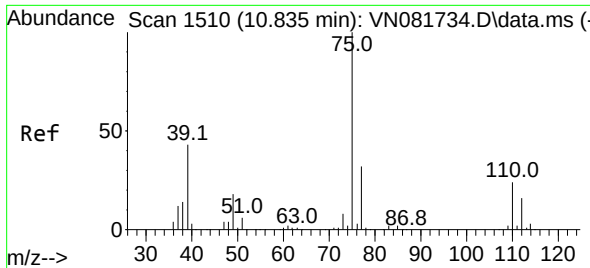
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#52
Toluene
Concen: 19.088 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

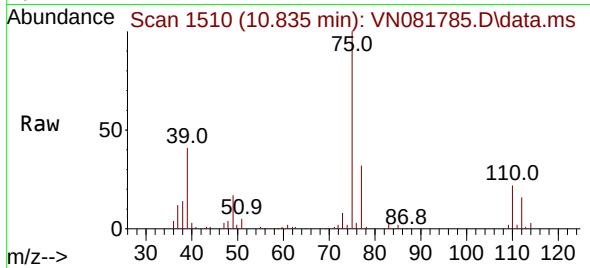
Tgt Ion: 92 Resp: 159977
Ion Ratio Lower Upper
92 100
91 172.6 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 19.877 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

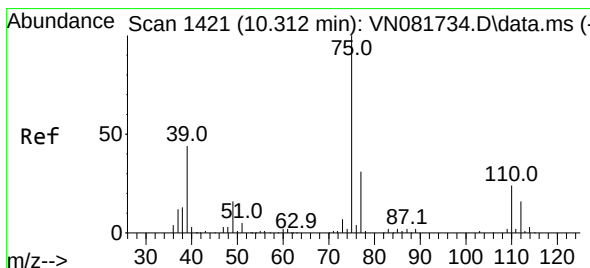
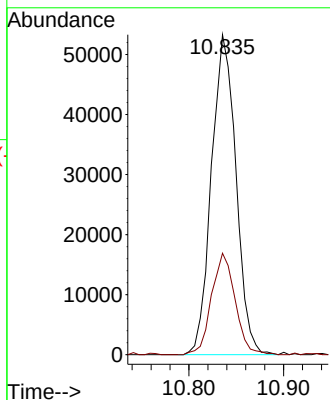
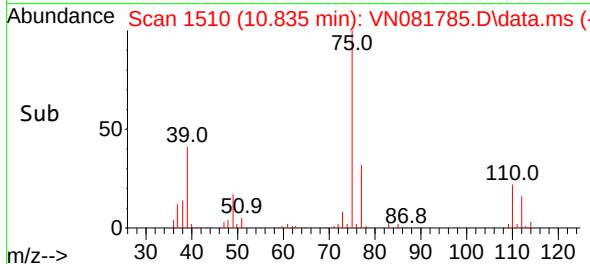
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



Tgt Ion: 75 Resp: 9603
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

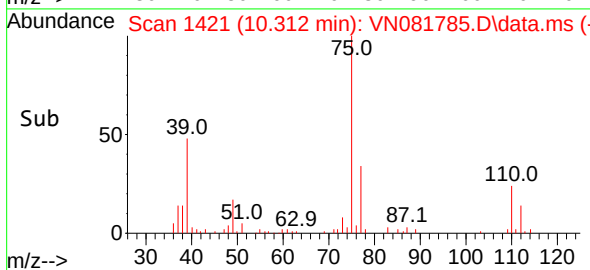
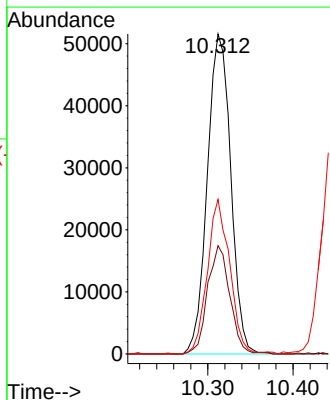
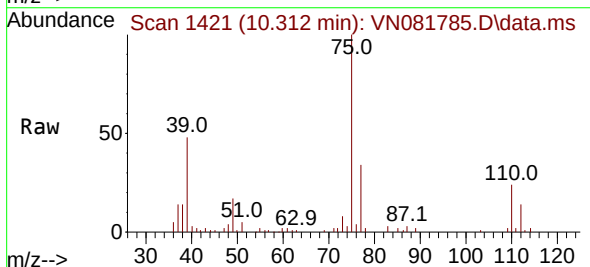
Manual Integrations
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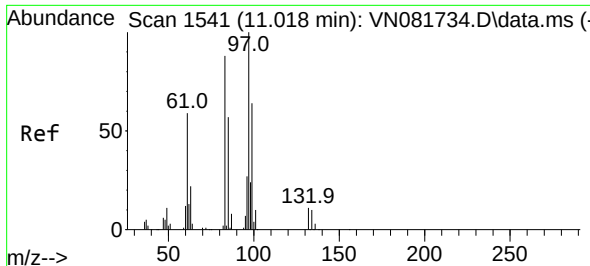
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#54
cis-1,3-Dichloropropene
Concen: 19.156 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

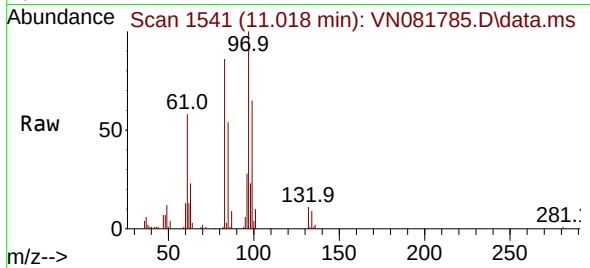
Tgt Ion: 75 Resp: 98594
Ion Ratio Lower Upper
75 100
77 33.9 25.0 37.4
39 48.3 34.8 52.2





#55
1,1,2-Trichloroethane
Concen: 19.159 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

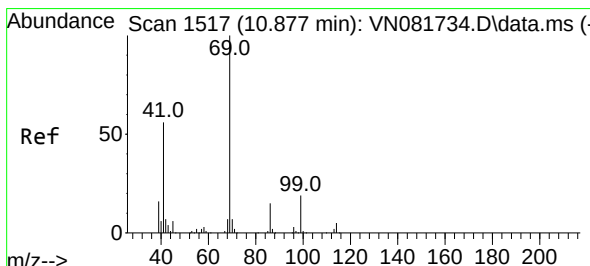
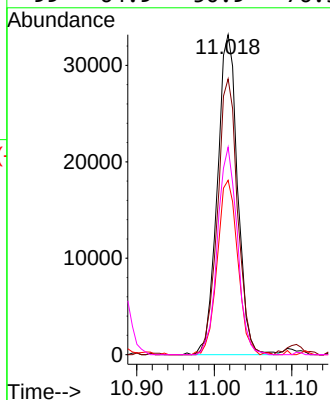
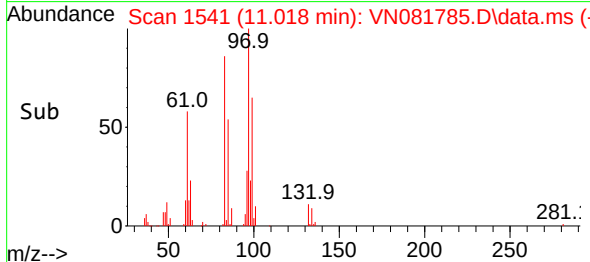
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



Tgt Ion:	97	Resp:	6032
Ion Ratio	100	Lower	Upper
97	100		
83	86.2	70.4	105.6
85	54.5	45.6	68.4
99	64.9	50.9	76.3

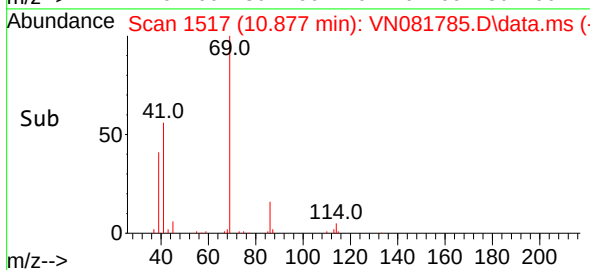
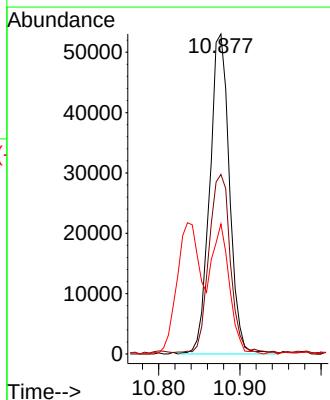
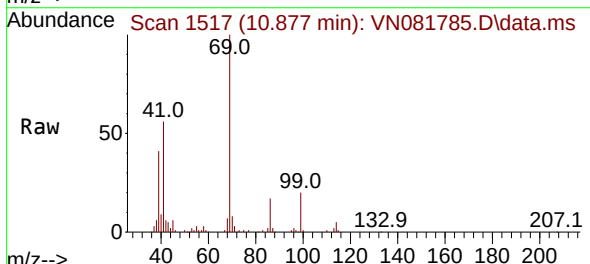
Manual Integrations
APPROVED

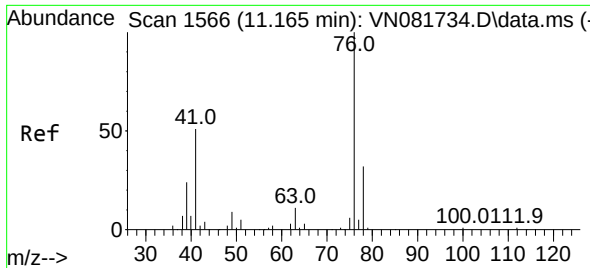
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#56
Ethyl methacrylate
Concen: 20.682 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

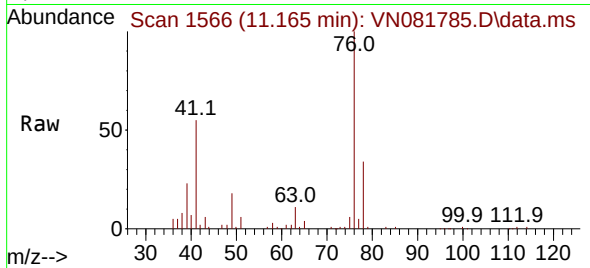
Tgt Ion:	69	Resp:	89594
Ion Ratio	100	Lower	Upper
69	100		
41	60.2	46.6	70.0
39	36.1	26.5	39.7





#57
1,3-Dichloropropane
Concen: 18.635 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

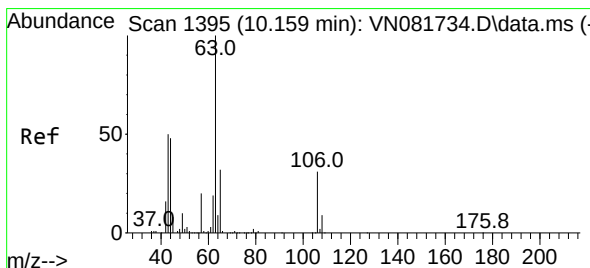
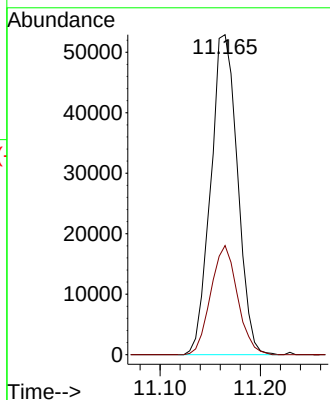
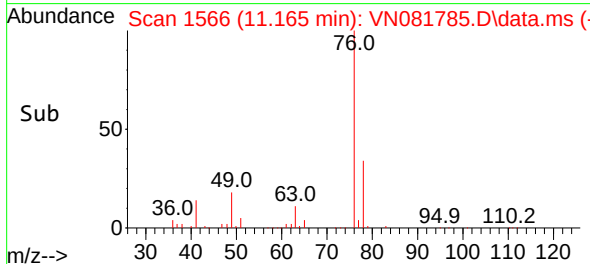
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01



Tgt Ion: 76 Resp: 98208
Ion Ratio Lower Upper
76 100
78 34.1 25.8 38.6

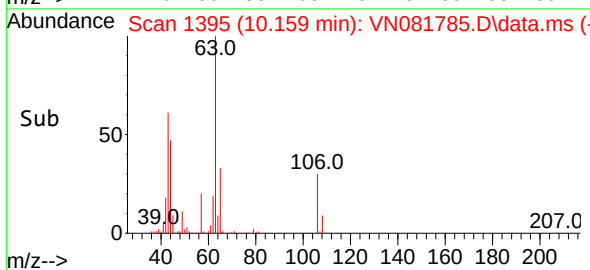
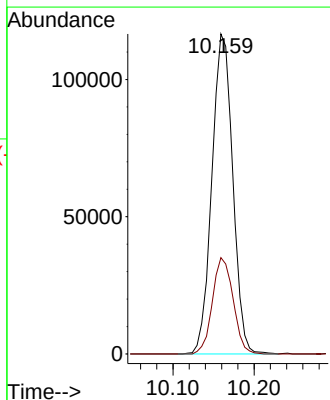
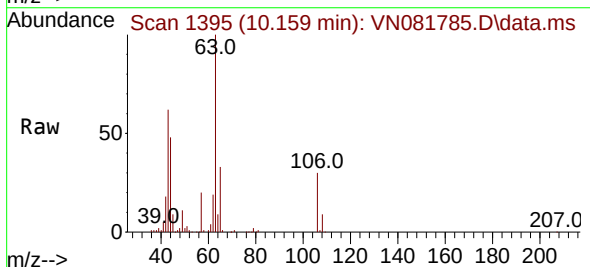
Manual Integrations
APPROVED

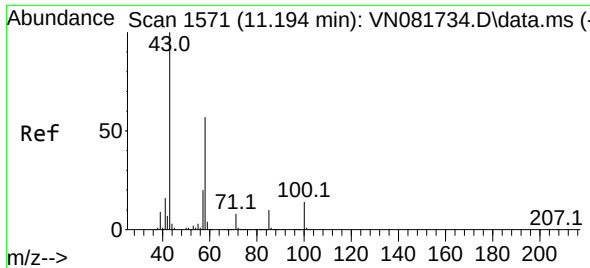
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 90.890 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

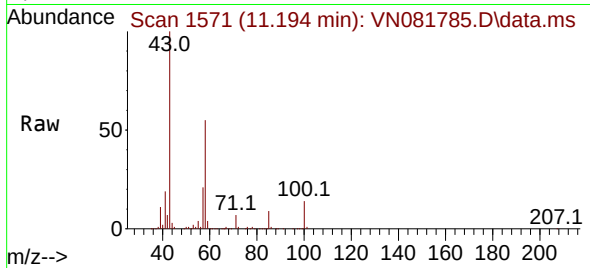
Tgt Ion: 63 Resp: 208333
Ion Ratio Lower Upper
63 100
106 29.8 24.6 36.8





#59
2-Hexanone
Concen: 110.040 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

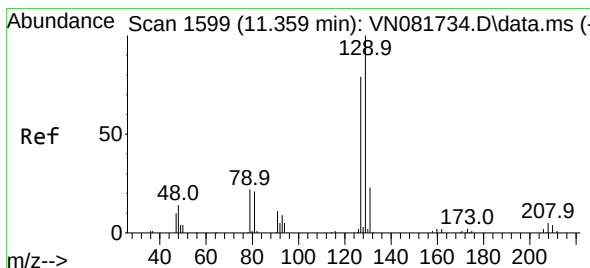
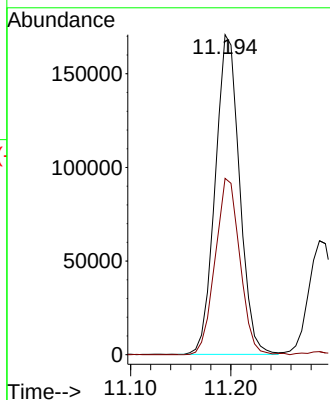
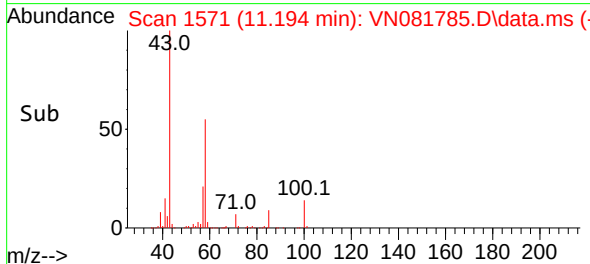
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



Tgt Ion: 43 Resp: 287710
Ion Ratio Lower Upper
43 100
58 56.1 28.3 84.9

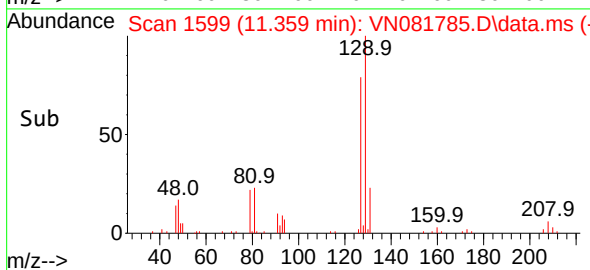
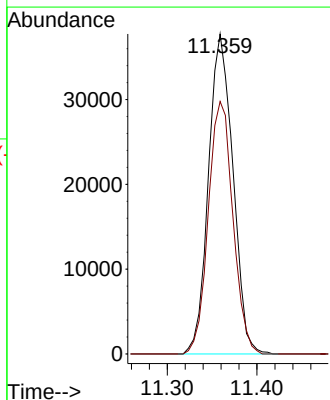
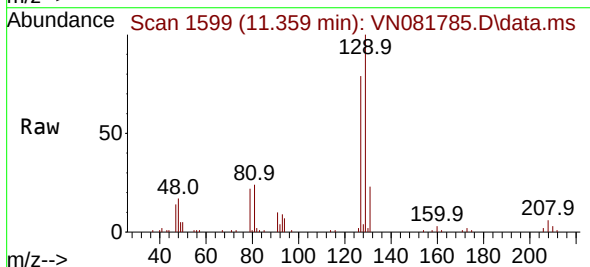
Manual Integrations
APPROVED

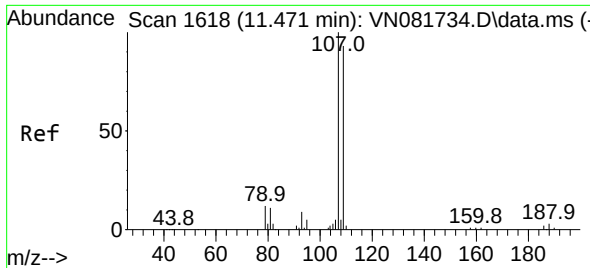
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#60
Dibromochloromethane
Concen: 18.745 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Tgt Ion:129 Resp: 71332
Ion Ratio Lower Upper
129 100
127 79.5 38.3 114.8





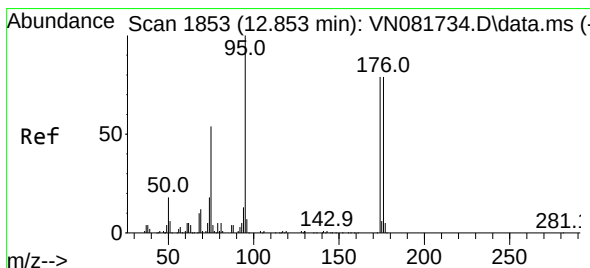
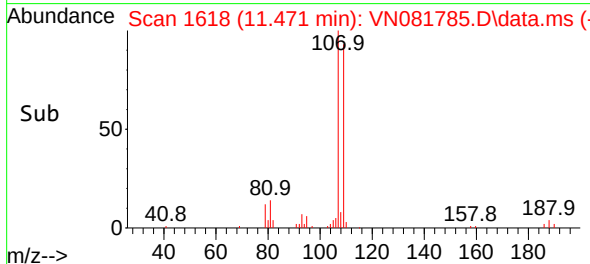
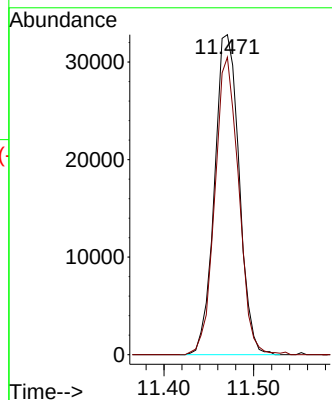
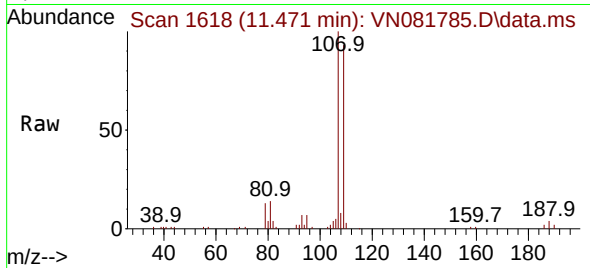
#61
1,2-Dibromoethane
Concen: 18.999 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01

Tgt Ion:107 Resp: 6239
Ion Ratio Lower Upper
107 100
109 90.3 75.8 113.6

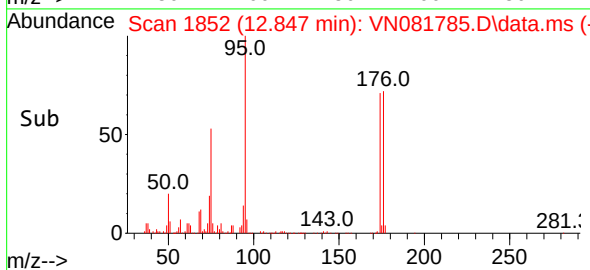
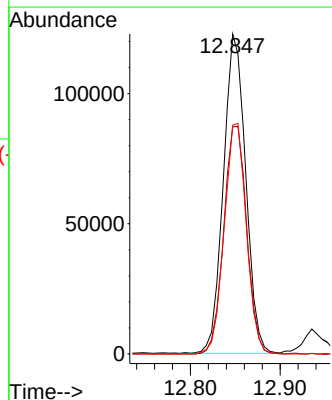
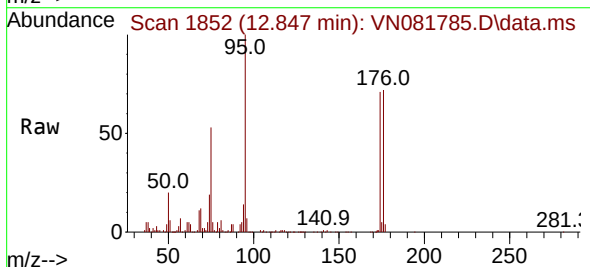
Manual Integrations
APPROVED

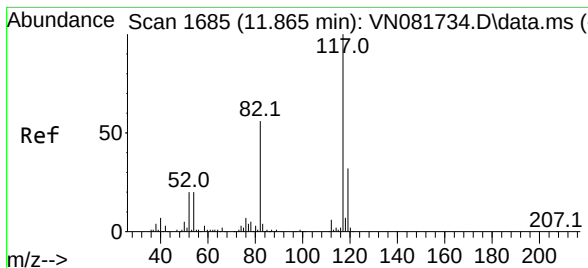
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#62
4-Bromofluorobenzene
Concen: 55.282 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

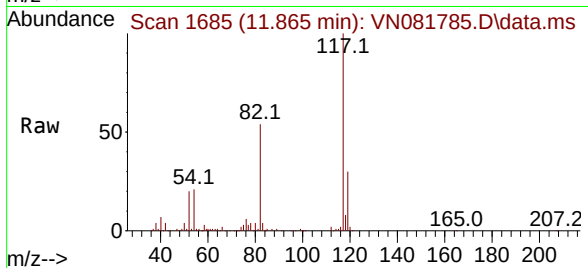
Tgt Ion: 95 Resp: 211584
Ion Ratio Lower Upper
95 100
174 73.3 0.0 160.6
176 71.6 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

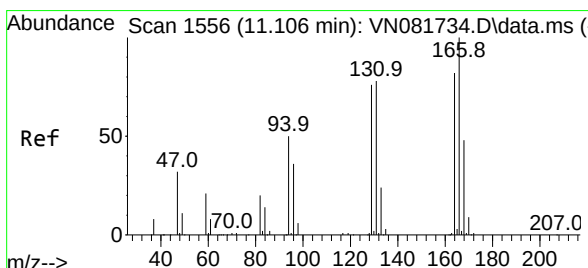
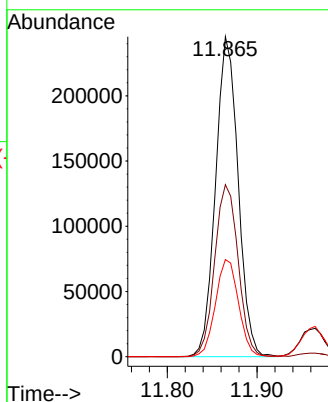
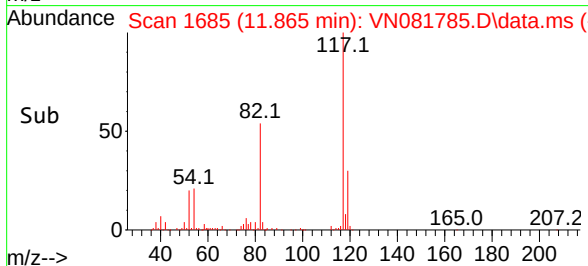
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01



Tgt Ion:117 Resp: 42821
Ion Ratio Lower Upper
117 100
82 53.7 44.6 66.8
119 30.4 25.9 38.9

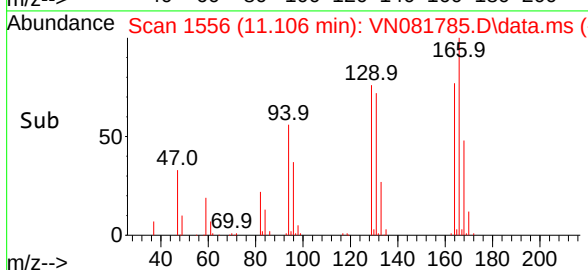
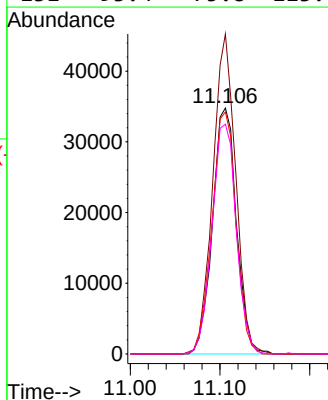
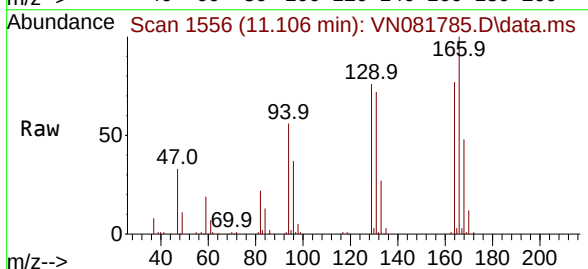
Manual Integrations
APPROVED

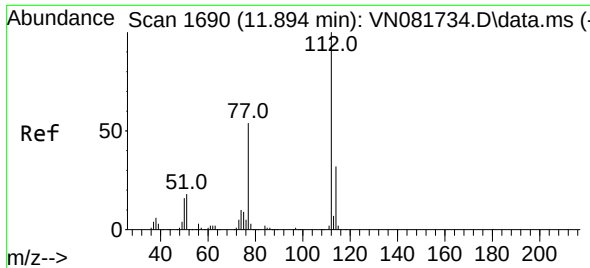
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#64
Tetrachloroethene
Concen: 17.747 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

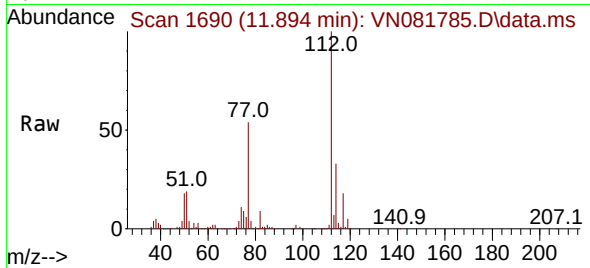
Tgt Ion:164 Resp: 64477
Ion Ratio Lower Upper
164 100
166 130.1 97.6 146.4
129 98.4 73.7 110.5
131 93.4 75.8 113.6





#65
Chlorobenzene
Concen: 18.034 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

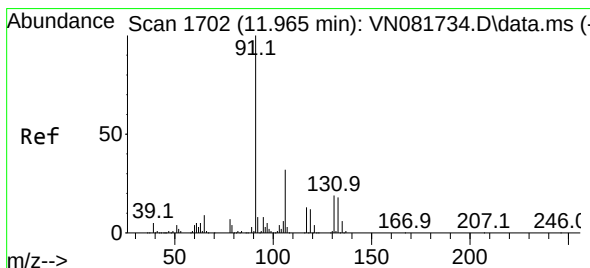
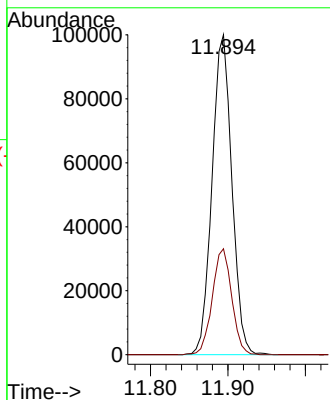
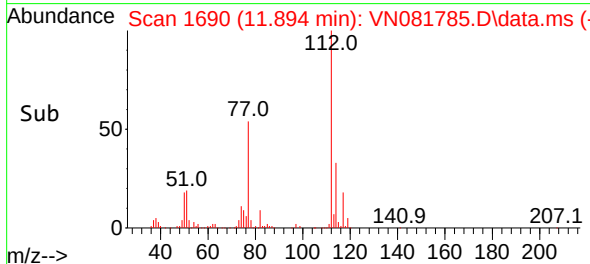
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01



Tgt Ion:112 Resp: 177690
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5

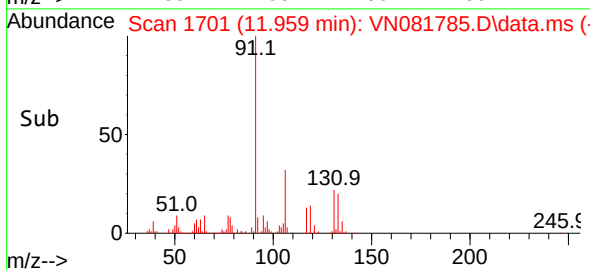
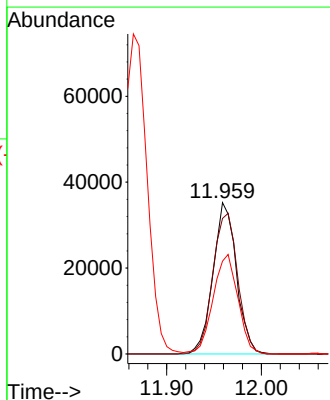
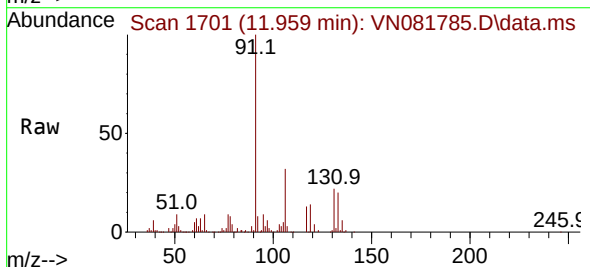
Manual Integrations
APPROVED

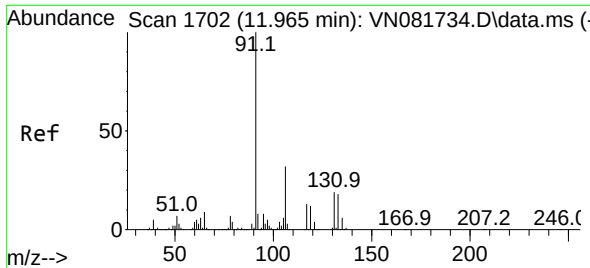
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.025 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

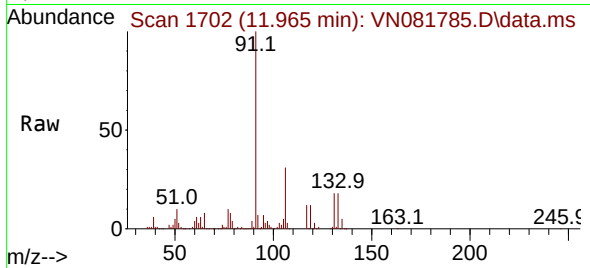
Tgt Ion:131 Resp: 60587
Ion Ratio Lower Upper
131 100
133 98.8 47.5 142.6
119 69.5 32.9 98.7





#67
Ethyl Benzene
Concen: 19.674 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

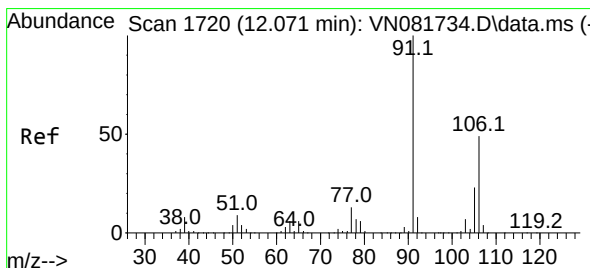
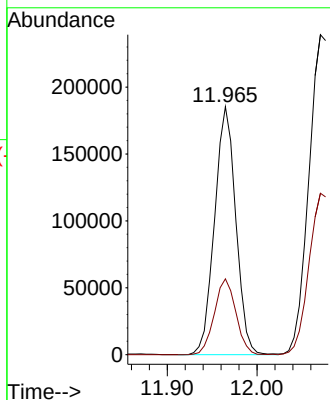
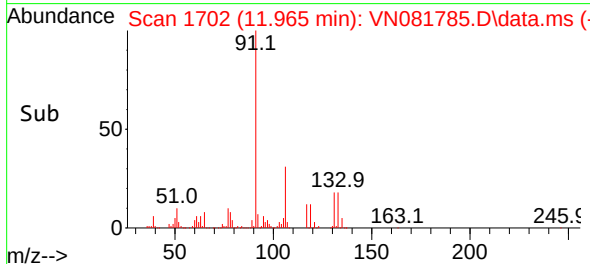
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



Tgt Ion: 91 Resp: 305130
Ion Ratio Lower Upper
91 100
106 30.6 25.3 37.9

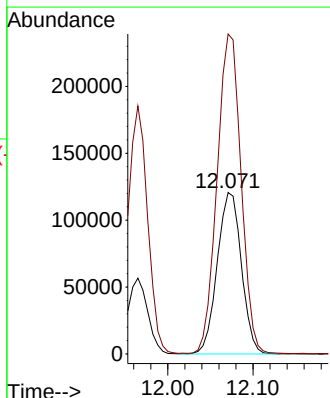
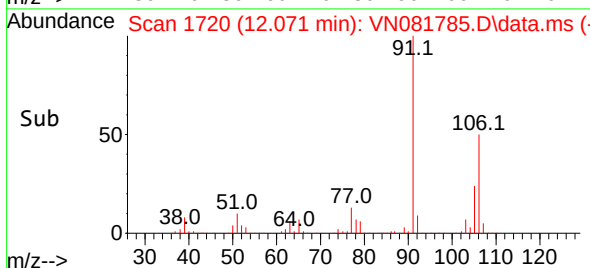
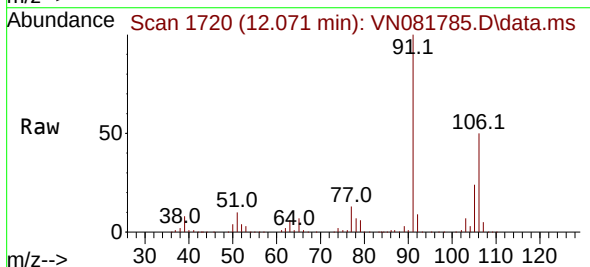
Manual Integrations
APPROVED

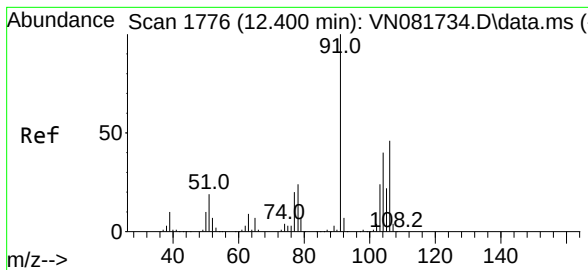
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#68
m/p-Xylenes
Concen: 39.415 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

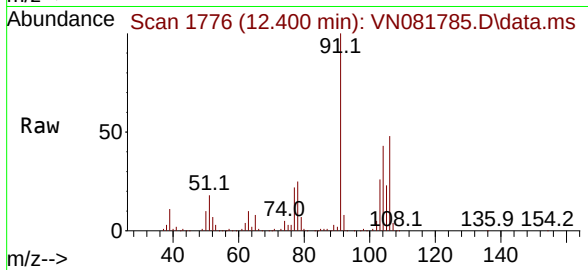
Tgt Ion:106 Resp: 237716
Ion Ratio Lower Upper
106 100
91 196.7 159.4 239.0





#69
o-Xylene
Concen: 19.889 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

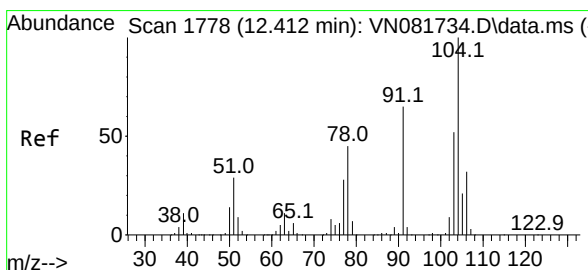
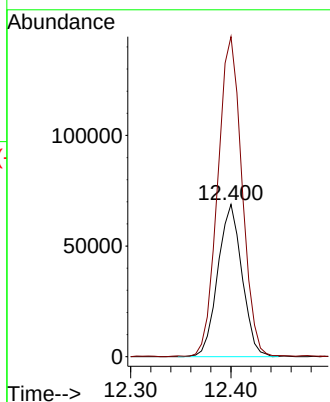
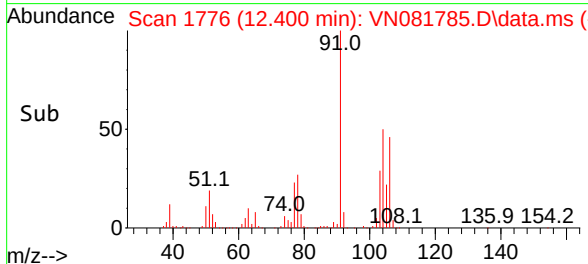
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01



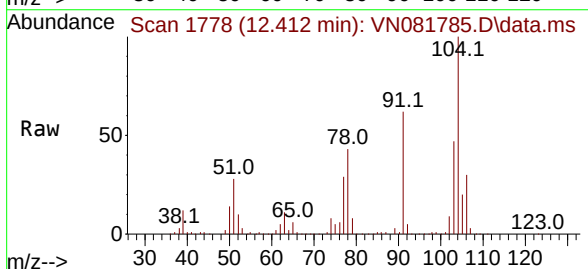
Tgt Ion:106 Resp: 114958
Ion Ratio Lower Upper
106 100
91 211.5 104.7 314.1

Manual Integrations
APPROVED

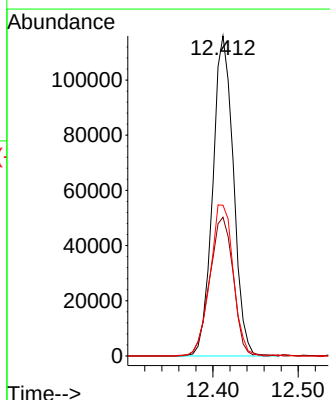
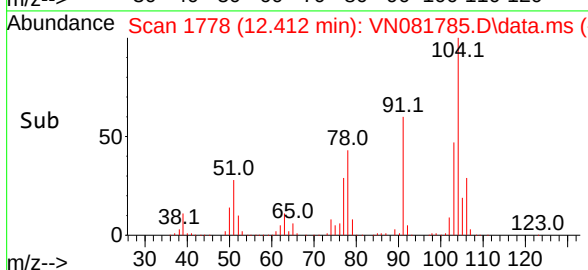
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

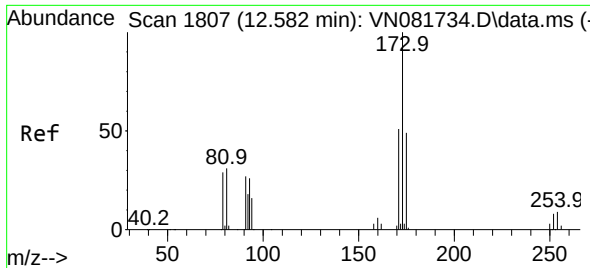


#70
Styrene
Concen: 20.683 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18



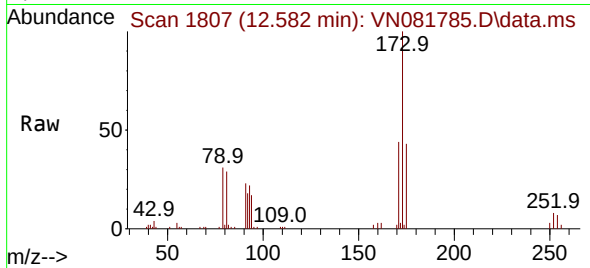
Tgt Ion:104 Resp: 195850
Ion Ratio Lower Upper
104 100
78 49.1 38.6 58.0
103 53.3 43.8 65.6





#71
Bromoform
Concen: 18.286 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

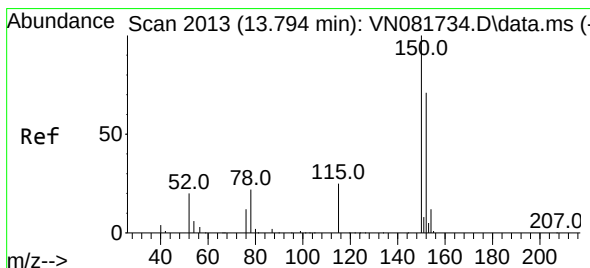
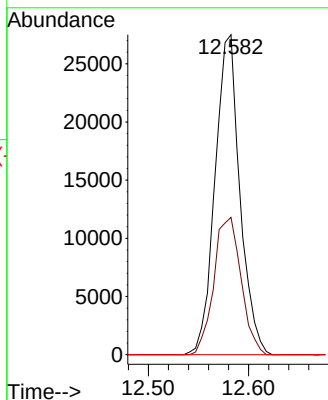
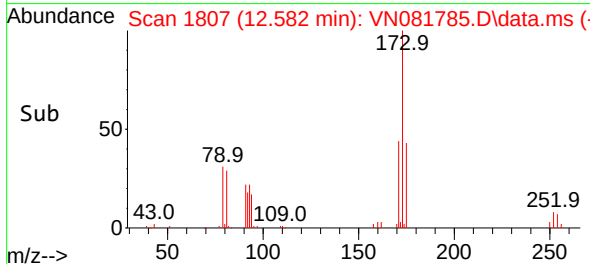
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



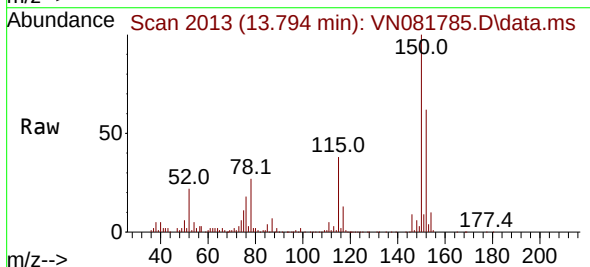
Tgt Ion:173 Resp: 47429
Ion Ratio Lower Upper
173 100
175 46.9 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

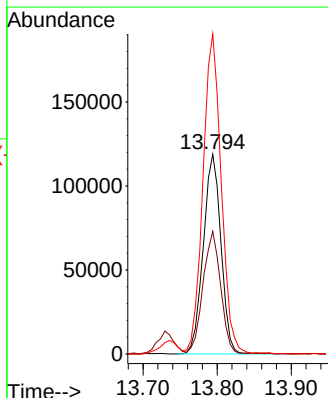
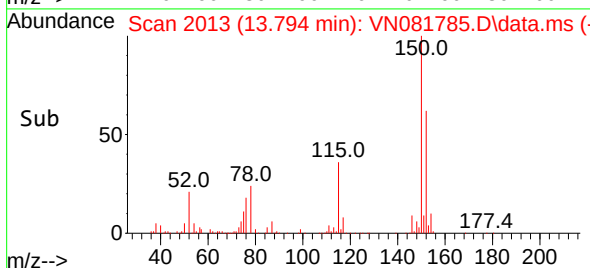
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

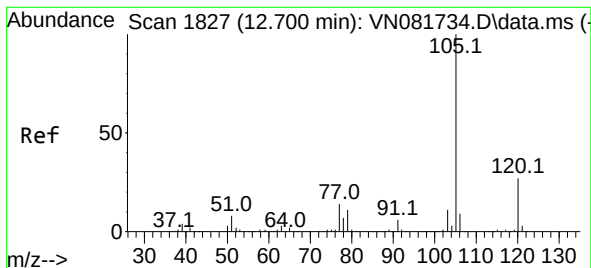


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18



Tgt Ion:152 Resp: 197046
Ion Ratio Lower Upper
152 100
115 61.1 30.4 91.3
150 166.2 0.0 353.2





#73

Isopropylbenzene

Concen: 19.914 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0418MBS01

Tgt Ion:105 Resp: 29425

Ion Ratio Lower Upper

105 100

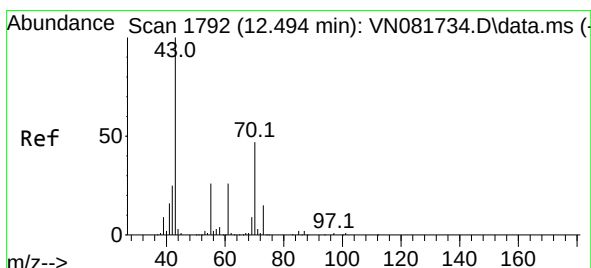
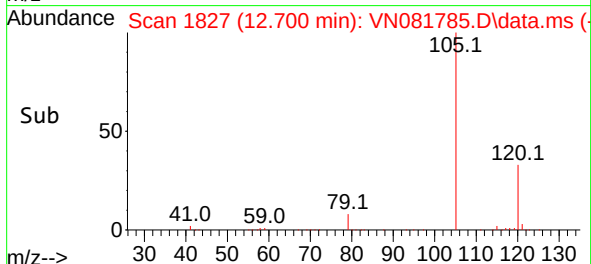
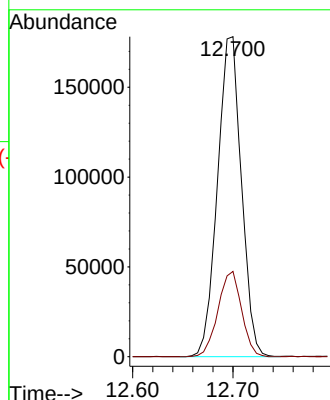
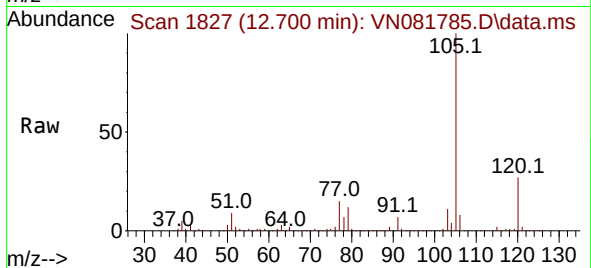
120 26.2 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#74

N-ethyl acetate

Concen: 19.763 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

Tgt Ion: 43 Resp: 106277

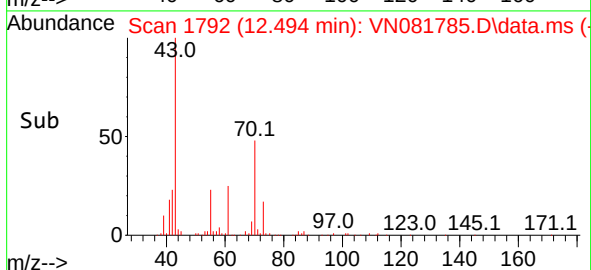
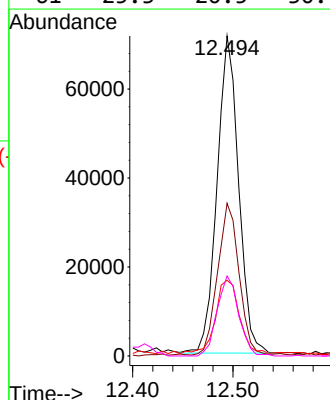
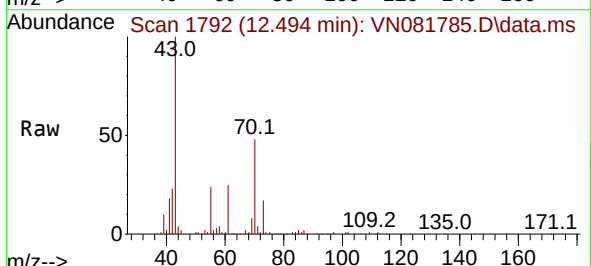
Ion Ratio Lower Upper

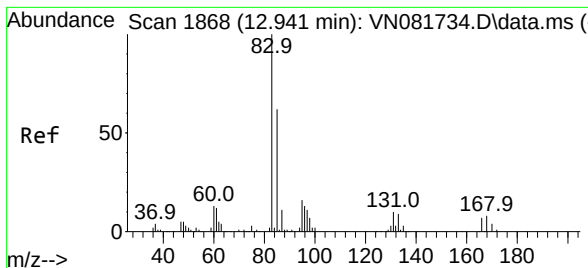
43 100

70 47.5 39.0 58.4

55 25.7 21.3 31.9

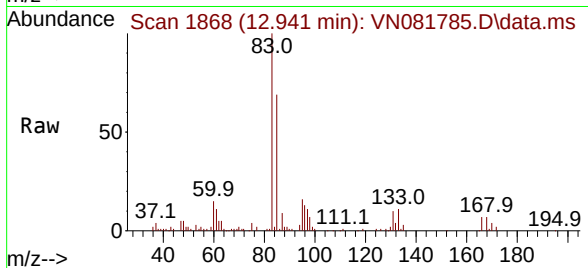
61 25.3 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.411 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

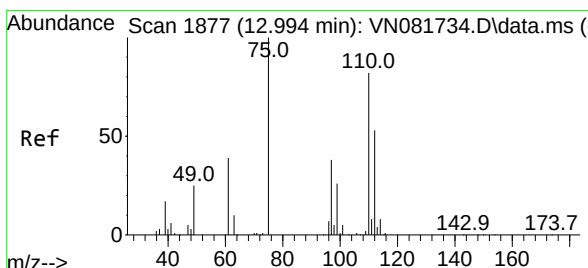
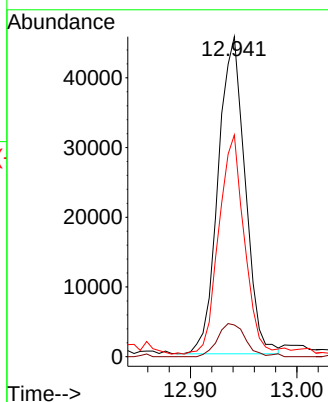
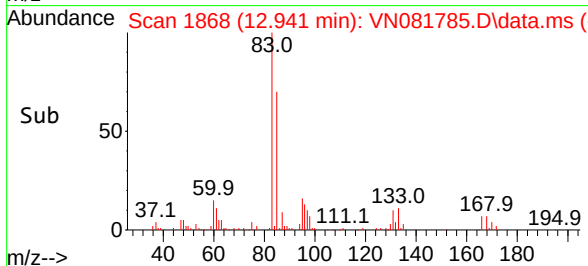
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



Tgt Ion: 83 Resp: 7992
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.4
85 65.4 32.9 98.6

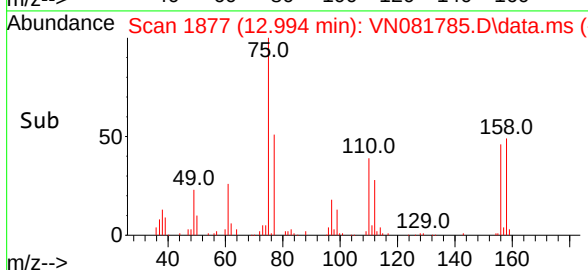
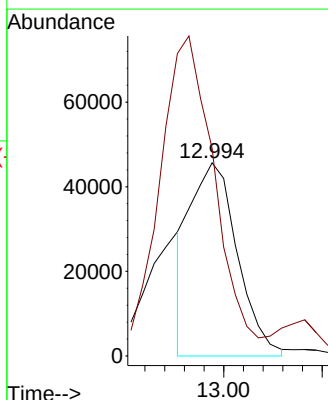
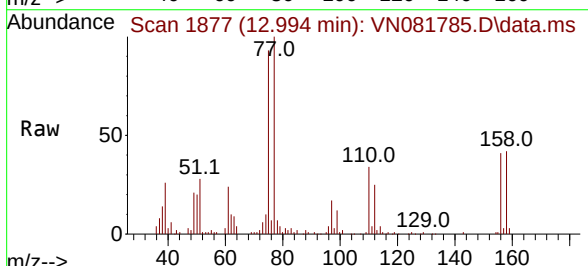
Manual Integrations
APPROVED

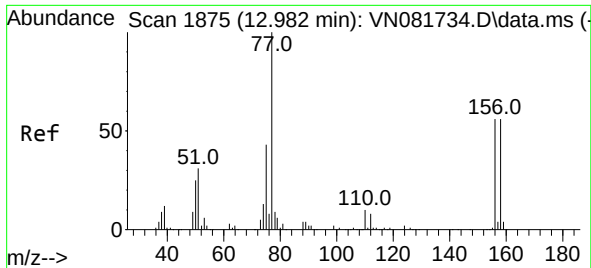
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#76
1,2,3-Trichloropropane
Concen: 18.866 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

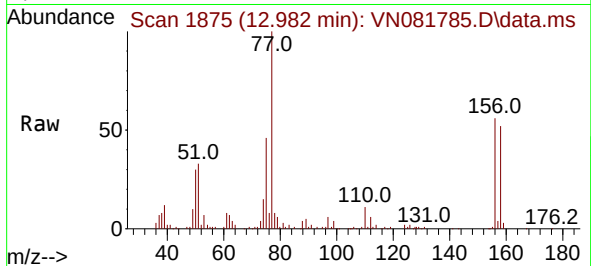
Tgt Ion: 75 Resp: 75977
Ion Ratio Lower Upper
75 100
77 194.6 90.5 271.3





#77
Bromobenzene
Concen: 18.296 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

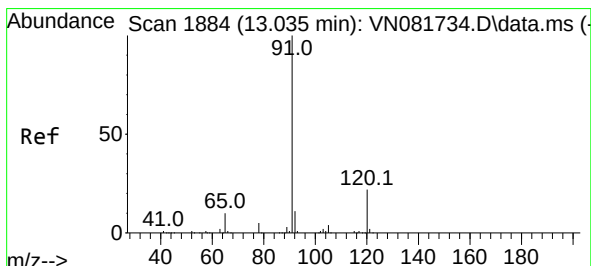
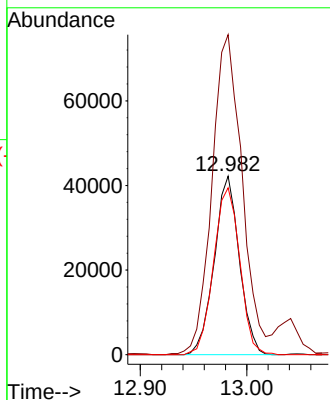
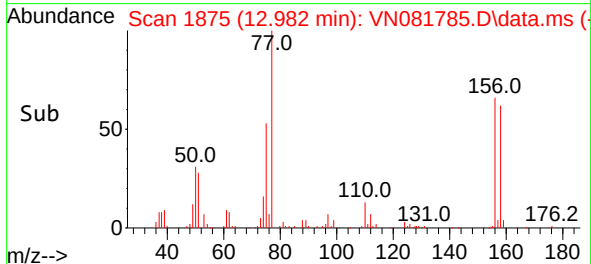
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



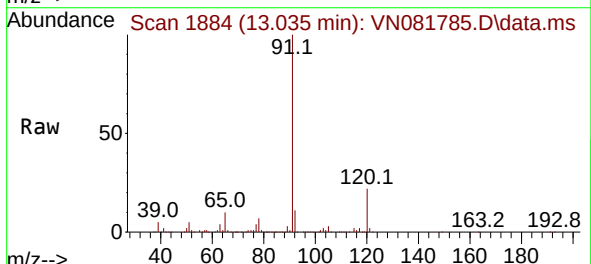
Tgt Ion: 156 Resp: 6892
Ion Ratio Lower Upper
156 100
77 214.5 100.2 300.6
158 97.6 49.1 147.3

Manual Integrations
APPROVED

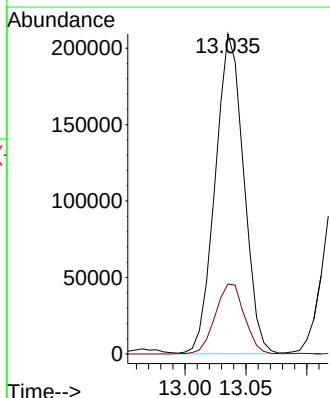
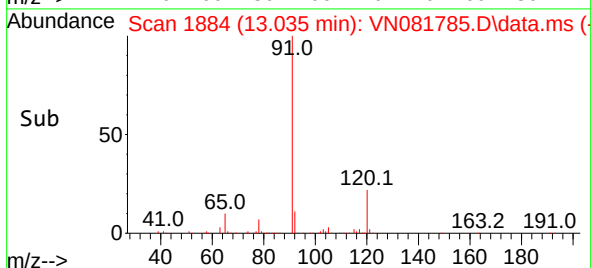
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

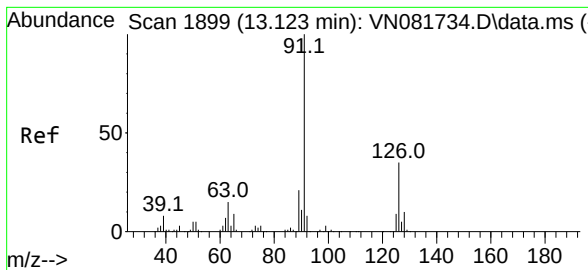


#78
n-propylbenzene
Concen: 19.856 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18



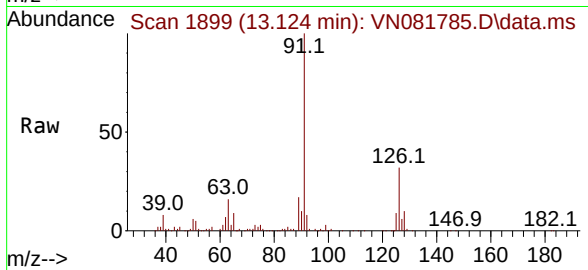
Tgt Ion: 91 Resp: 340457
Ion Ratio Lower Upper
91 100
120 22.4 11.7 35.0





#79
2-Chlorotoluene
Concen: 19.574 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.001 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

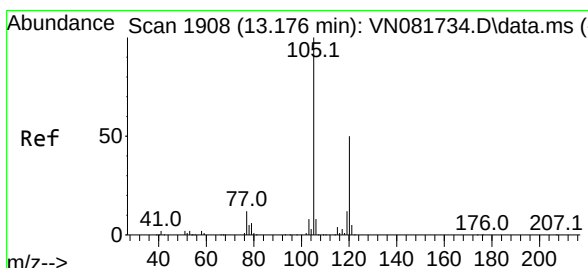
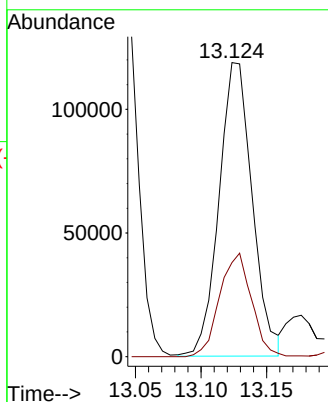
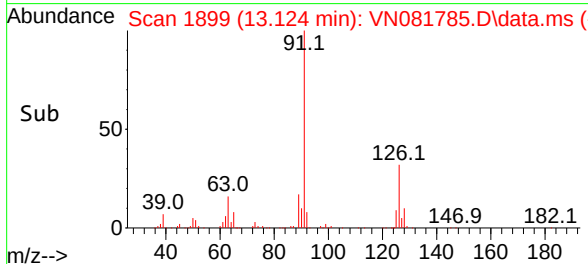
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



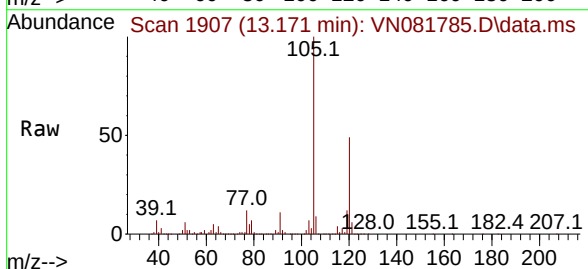
Tgt Ion: 91 Resp: 209208
Ion Ratio Lower Upper
91 100
126 33.8 17.5 52.5

Manual Integrations
APPROVED

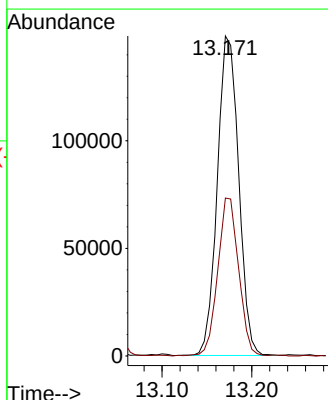
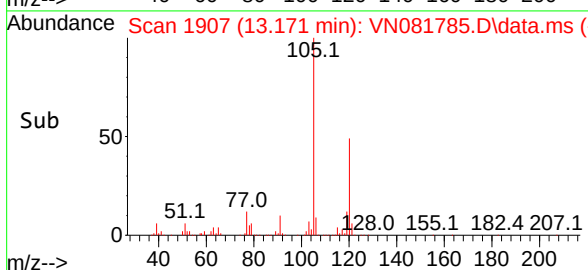
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

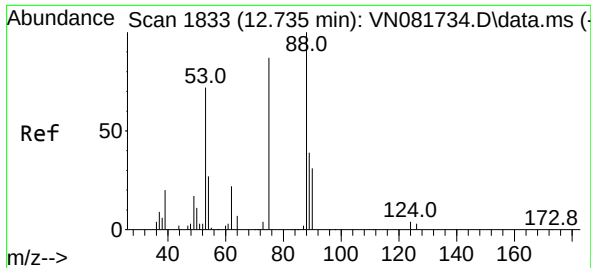


#80
1,3,5-Trimethylbenzene
Concen: 20.352 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.005 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18



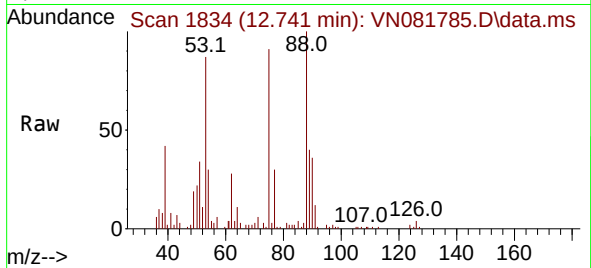
Tgt Ion:105 Resp: 245656
Ion Ratio Lower Upper
105 100
120 48.4 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.397 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

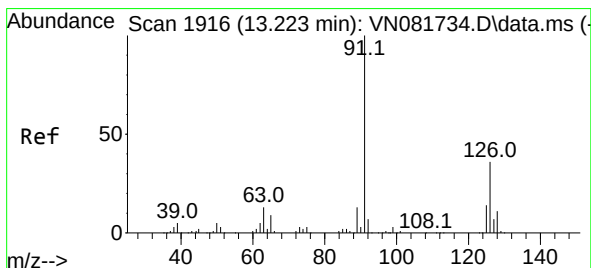
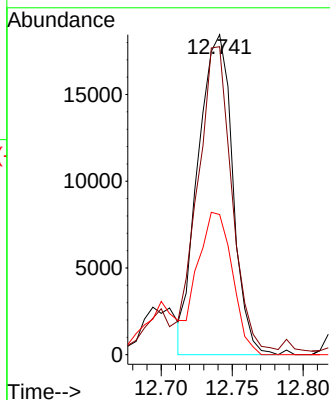
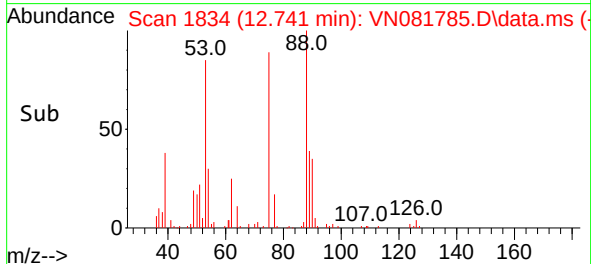
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01



Tgt Ion: 75 Resp: 3123
Ion Ratio Lower Upper
75 100
53 94.6 72.9 109.3
89 43.6 39.1 58.7

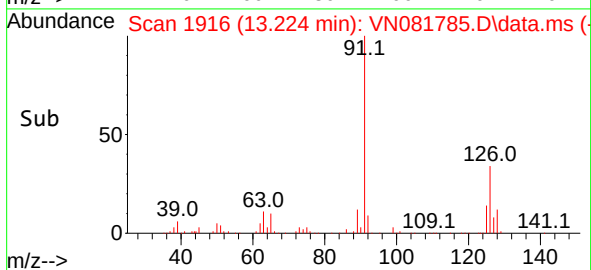
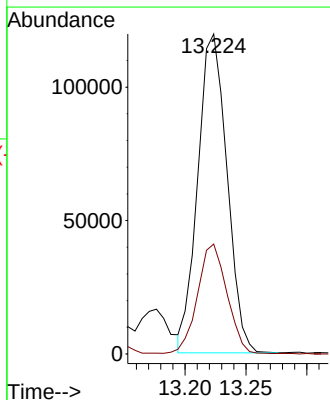
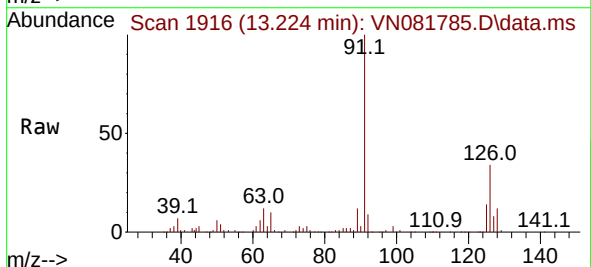
Manual Integrations
APPROVED

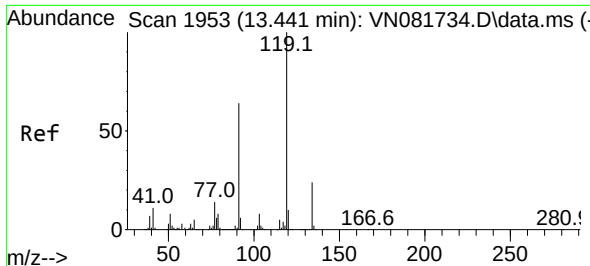
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#82
4-Chlorotoluene
Concen: 18.930 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

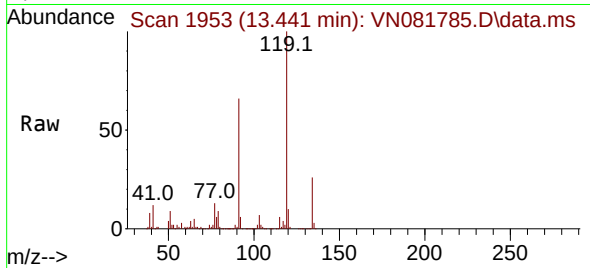
Tgt Ion: 91 Resp: 199871
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.3





#83
 tert-Butylbenzene
 Concen: 20.106 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN081785.D
 Acq: 18 Apr 2024 14:18

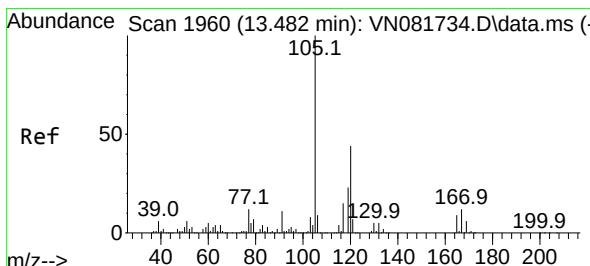
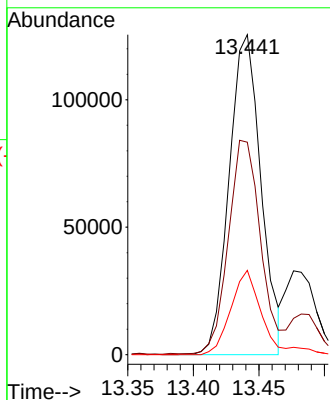
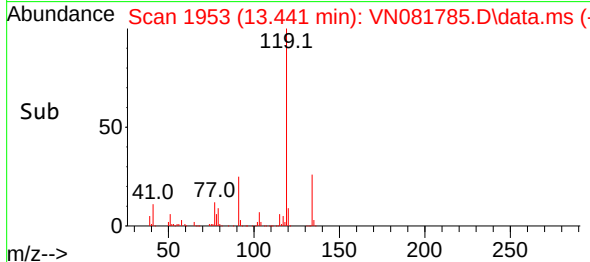
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418MBSD01



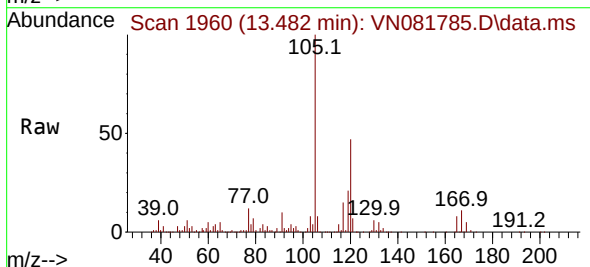
Tgt Ion:119 Resp: 21255
 Ion Ratio Lower Upper
 119 100
 91 68.7 32.6 97.8
 134 26.0 12.4 37.0

Manual Integrations
 APPROVED

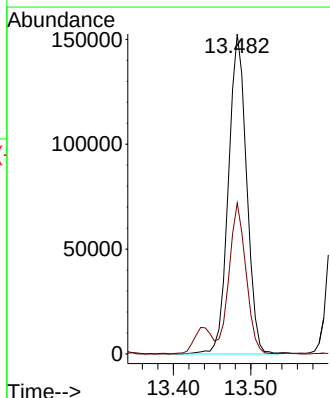
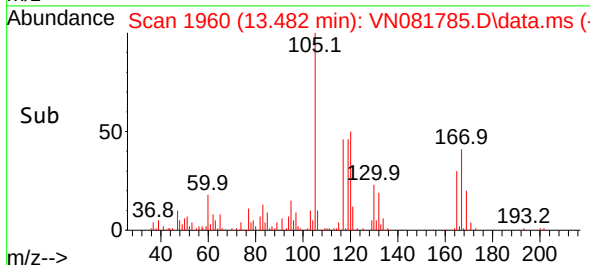
Reviewed By :John Carlone 04/19/2024
 Supervised By :Mahesh Dadoda 04/19/2024

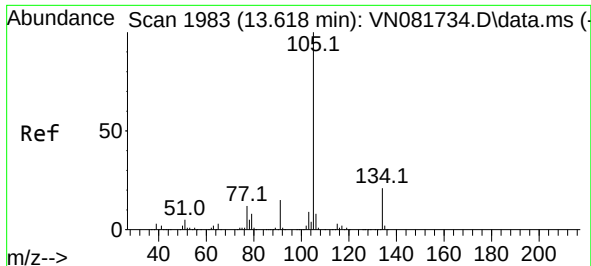


#84
 1,2,4-Trimethylbenzene
 Concen: 20.441 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081785.D
 Acq: 18 Apr 2024 14:18



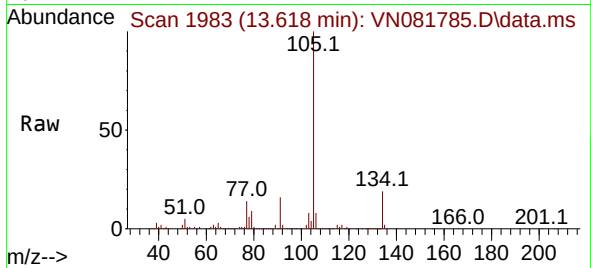
Tgt Ion:105 Resp: 248873
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 19.772 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081785.D
 Acq: 18 Apr 2024 14:18

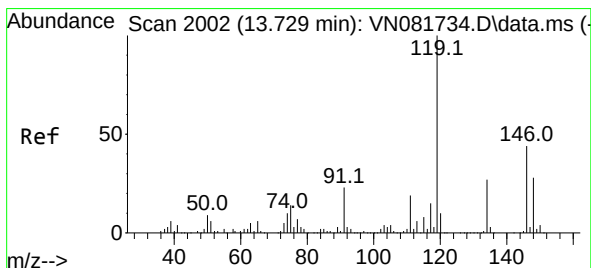
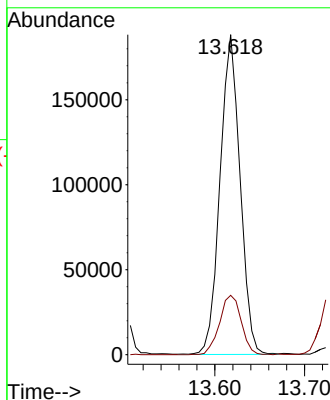
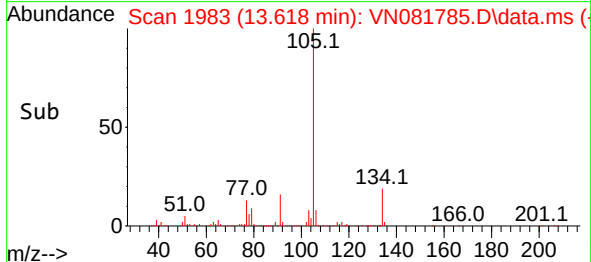
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418MBSD01



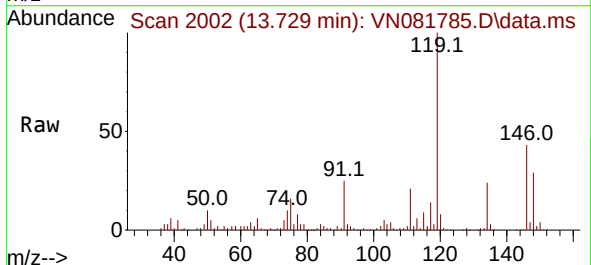
Tgt Ion:105 Resp: 291688
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations
 APPROVED

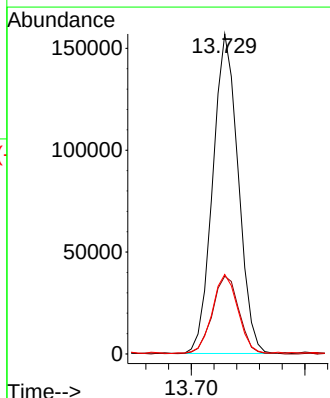
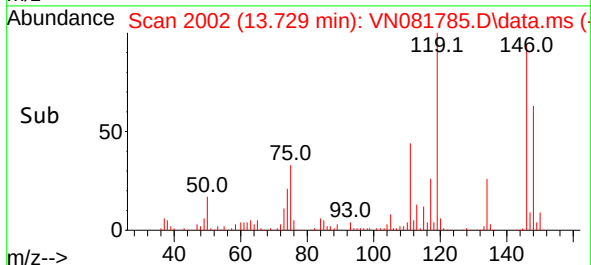
Reviewed By :John Carlone 04/19/2024
 Supervised By :Mahesh Dadoda 04/19/2024

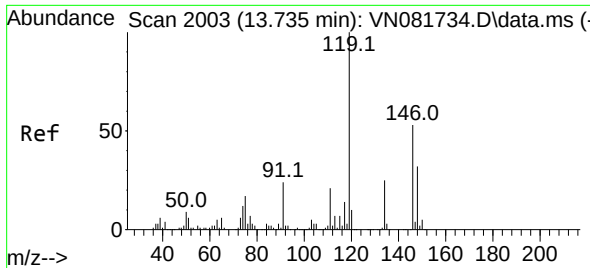


#86
 p-Isopropyltoluene
 Concen: 20.172 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081785.D
 Acq: 18 Apr 2024 14:18



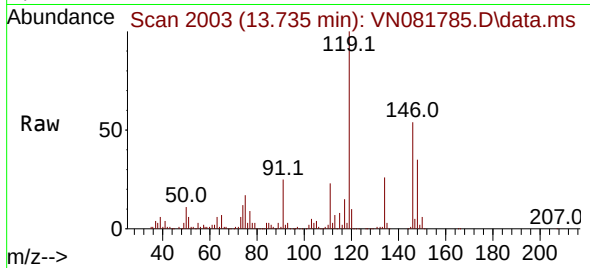
Tgt Ion:119 Resp: 243923
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 24.9 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 17.979 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081785.D
 Acq: 18 Apr 2024 14:18

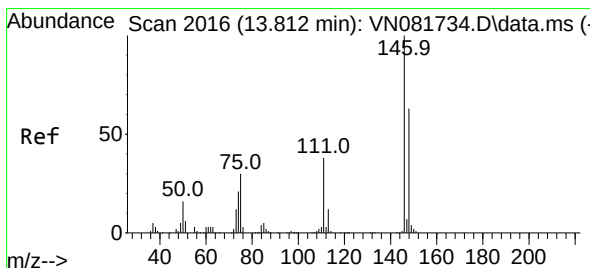
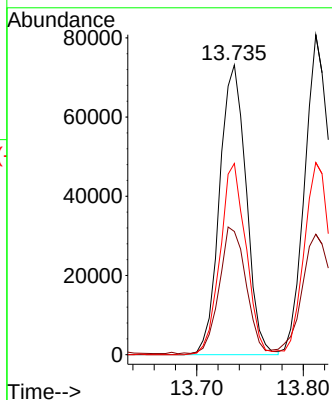
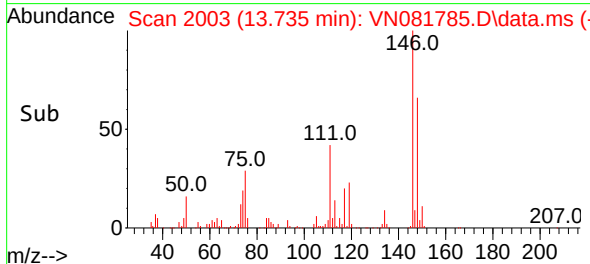
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418MBSD01



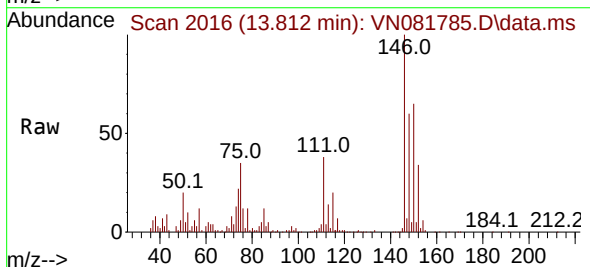
Tgt Ion:146 Resp: 126590
 Ion Ratio Lower Upper
 146 100
 111 44.2 20.8 62.5
 148 64.1 32.1 96.3

Manual Integrations
 APPROVED

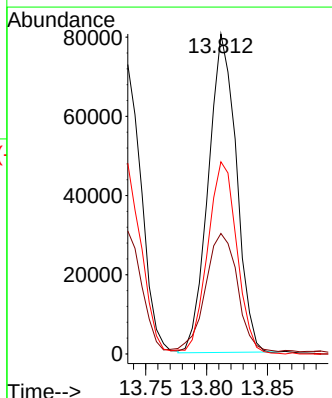
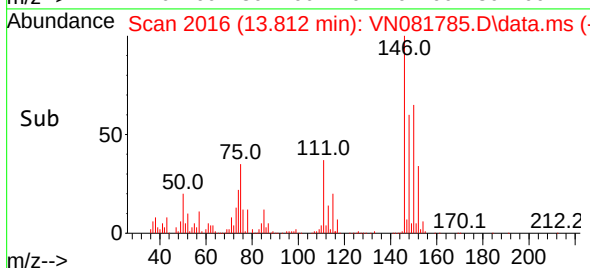
Reviewed By :John Carlone 04/19/2024
 Supervised By :Mahesh Dadoda 04/19/2024

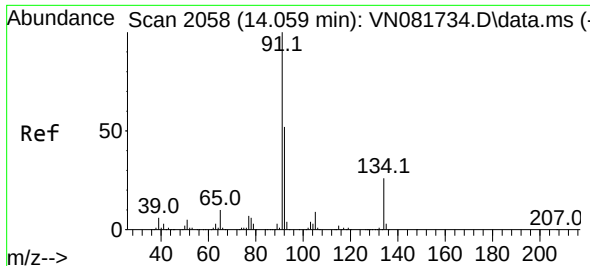


#88
 1,4-Dichlorobenzene
 Concen: 17.997 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081785.D
 Acq: 18 Apr 2024 14:18



Tgt Ion:146 Resp: 129219
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.3 57.9
 148 63.0 31.3 93.9





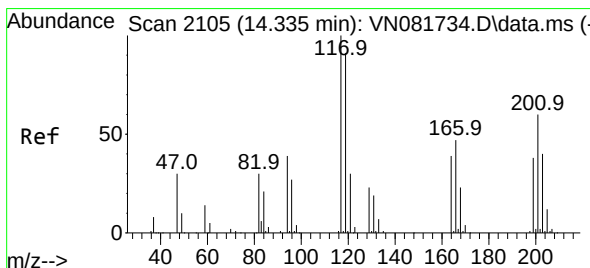
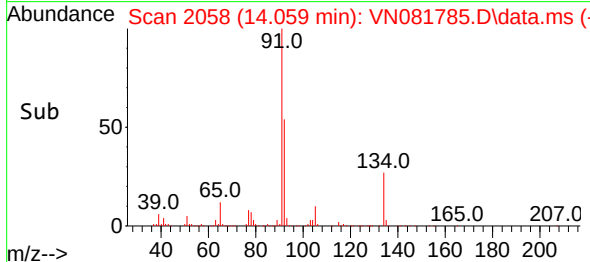
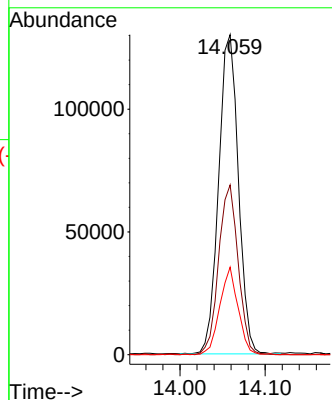
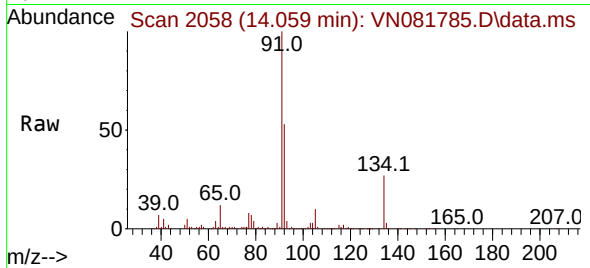
#89
n-Butylbenzene
Concen: 19.800 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01

Tgt Ion: 91 Resp: 209320
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 25.4 13.2 39.5

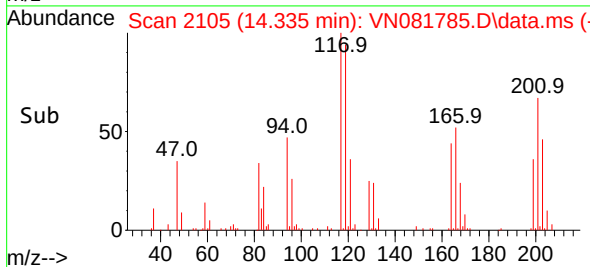
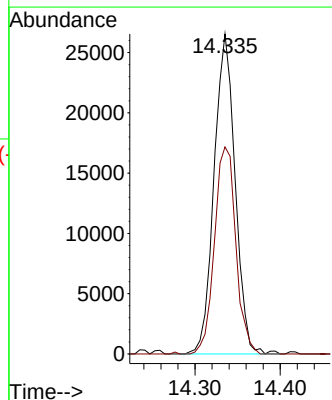
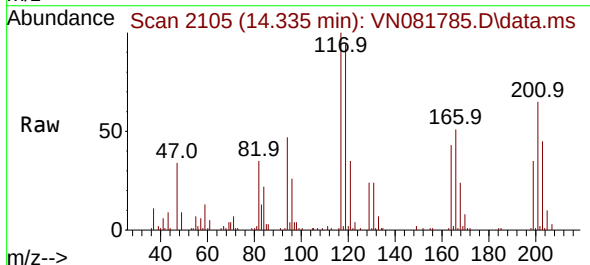
Manual Integrations
APPROVED

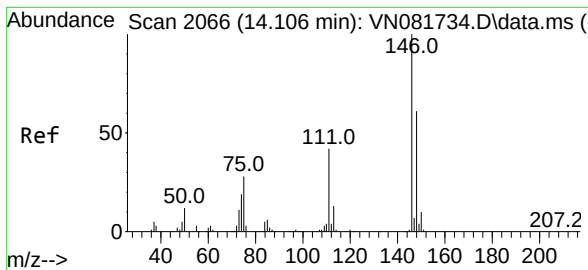
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#90
Hexachloroethane
Concen: 17.688 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Tgt Ion:117 Resp: 45528
Ion Ratio Lower Upper
117 100
201 65.6 33.3 99.8





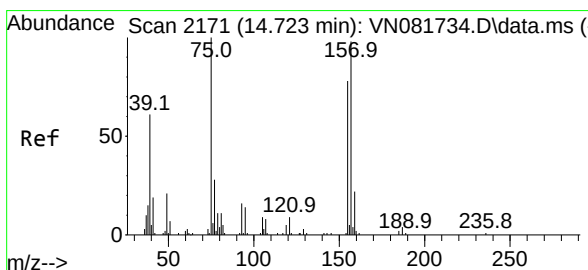
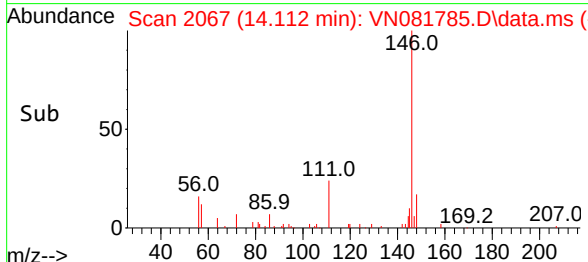
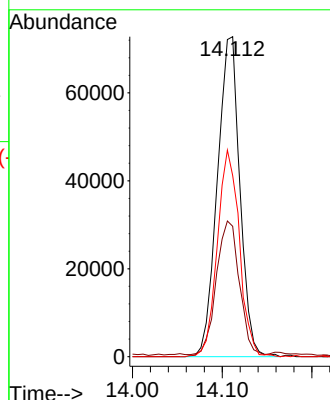
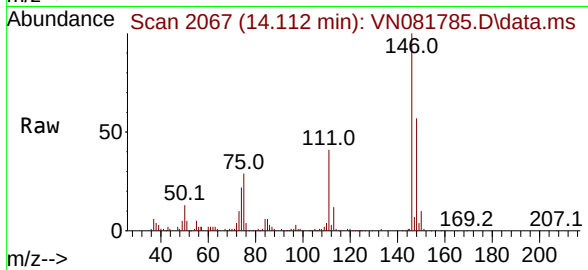
#91
1,2-Dichlorobenzene
Concen: 18.603 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0418MBS01

Tgt Ion:146 Resp: 126778
Ion Ratio Lower Upper
146 100
111 42.7 21.3 64.0
148 63.0 31.8 95.4

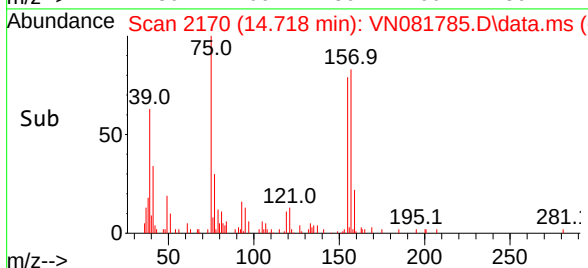
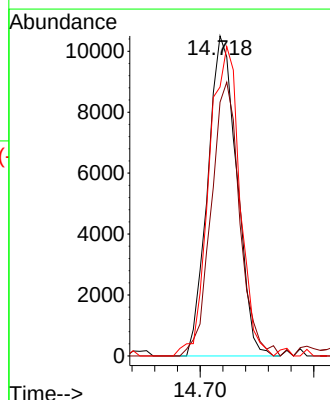
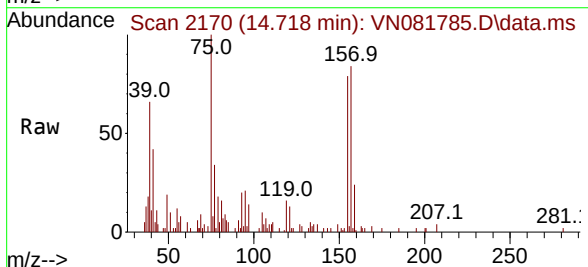
Manual Integrations
APPROVED

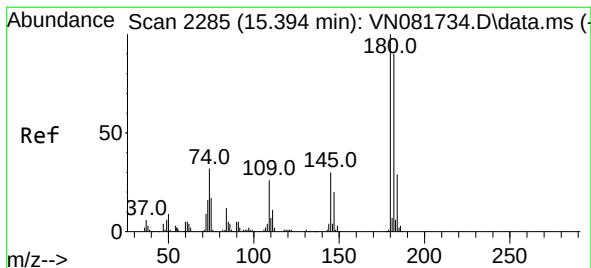
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.983 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.005 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Tgt Ion: 75 Resp: 18702
Ion Ratio Lower Upper
75 100
155 83.9 42.6 128.0
157 102.1 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 18.917 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0418MBS01

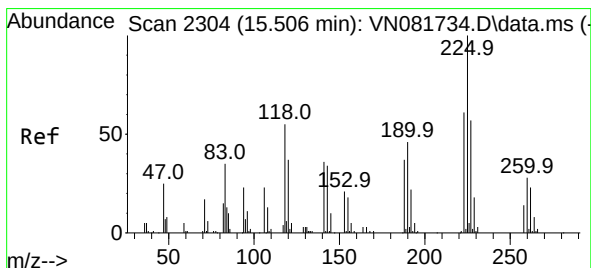
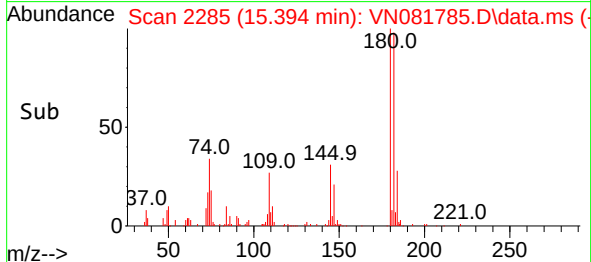
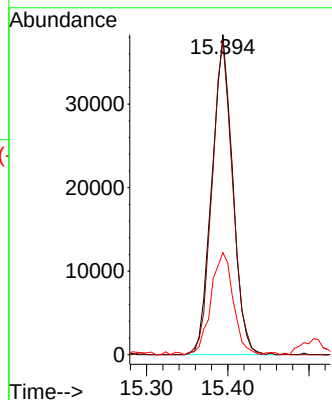
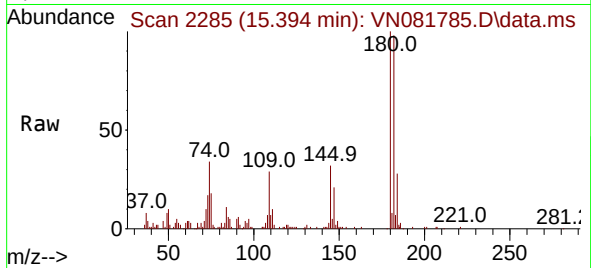
Tgt Ion:180	Resp: 6791
Ion Ratio	Lower Upper
180 100	
182 97.4	46.7 140.0
145 34.3	16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#94

Hexachlorobutadiene

Concen: 16.725 ug/l

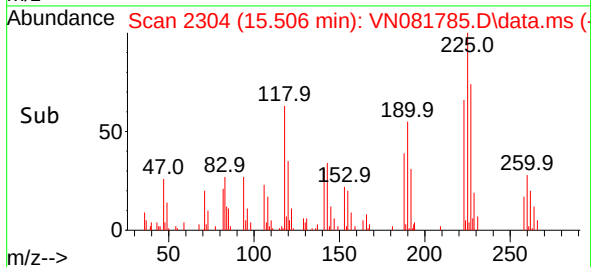
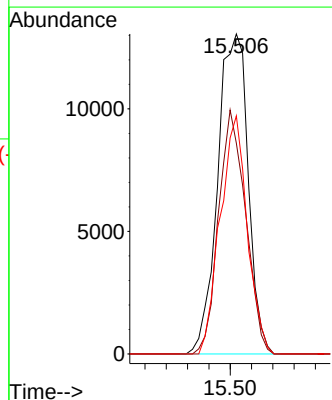
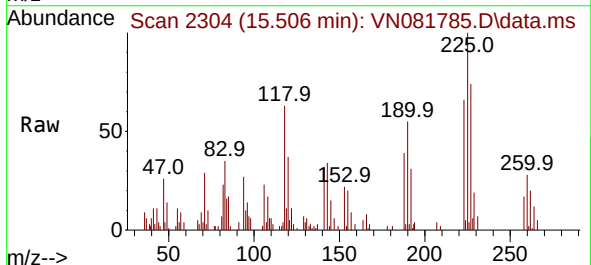
RT: 15.506 min Scan# 2304

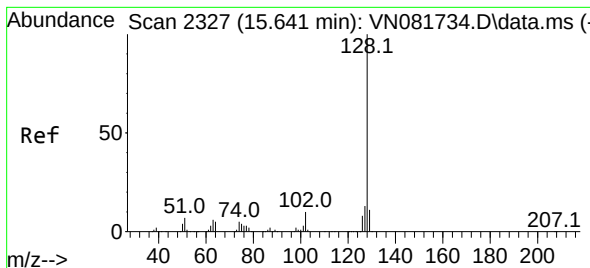
Delta R.T. -0.000 min

Lab File: VN081785.D

Acq: 18 Apr 2024 14:18

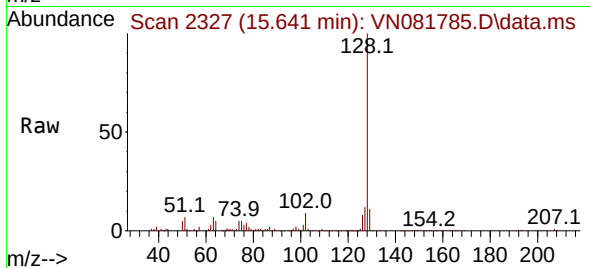
Tgt Ion:225	Resp: 25881
Ion Ratio	Lower Upper
225 100	
223 67.7	31.1 93.2
227 66.2	30.6 91.6





#95
Naphthalene
Concen: 22.347 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

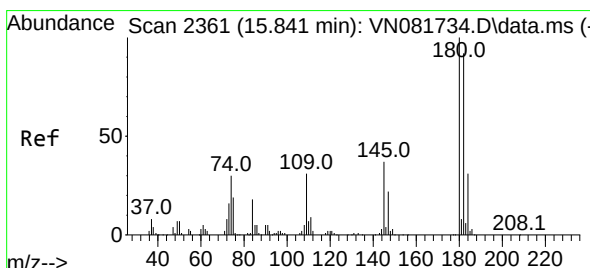
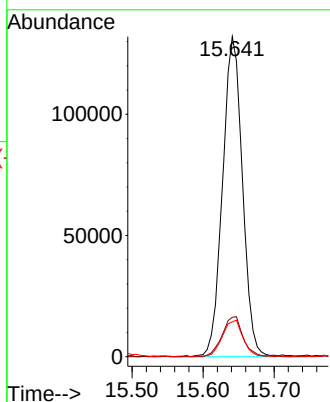
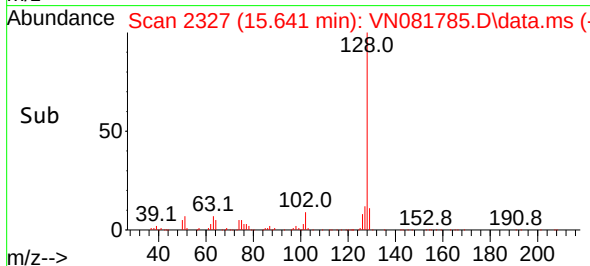
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBSD01



Tgt Ion:128 Resp: 256300
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 12.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.298 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081785.D
Acq: 18 Apr 2024 14:18

Tgt Ion:180 Resp: 70831
Ion Ratio Lower Upper
180 100
182 94.7 46.0 137.8
145 34.0 17.1 51.3

