

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074407.D
 Acq On : 12 Sep 2022 12:22
 Operator : JC\MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

Quant Time: Sep 13 09:15:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 13 09:10:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	257991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	464655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	401085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	155704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	225422	50.502	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.000%			
35) Dibromofluoromethane	7.951	113	164269	52.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.740%			
50) Toluene-d8	10.380	98	577196	47.223	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.440%			
62) 4-Bromofluorobenzene	12.674	95	178212	40.159	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 80.320%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	2091	0.625	ug/l	92
3) Chloromethane	2.257	50	2942m	0.624	ug/l	
4) Vinyl Chloride	2.399	62	3739	0.669	ug/l #	45
5) Bromomethane	2.793	94	3876	0.993	ug/l #	32
7) Trichlorofluoromethane	3.316	101	2543	0.461	ug/l	95
8) Diethyl Ether	3.775	74	1016	0.437	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.128	101	2228m	0.674	ug/l	
10) Methyl Iodide	4.363	142	1745m	0.457	ug/l	
11) Tert butyl alcohol	5.275	59	3338m	2.859	ug/l	
12) 1,1-Dichloroethene	4.122	96	1934m	0.601	ug/l	
13) Acrolein	3.981	56	2904	3.745	ug/l #	64
14) Allyl chloride	4.751	41	4508m	0.639	ug/l	
15) Acrylonitrile	5.493	53	6877m	2.575	ug/l	
16) Acetone	4.234	43	8700	3.610	ug/l #	74
17) Carbon Disulfide	4.440	76	5682	0.650	ug/l #	77
18) Methyl Acetate	4.775	43	8001m	1.126	ug/l	
19) Methyl tert-butyl Ether	5.551	73	6614	0.511	ug/l #	82
20) Methylene Chloride	5.004	84	3225m	0.775	ug/l	
21) trans-1,2-Dichloroethene	5.534	96	2097m	0.582	ug/l	
22) Diisopropyl ether	6.416	45	6649	0.468	ug/l #	93
23) Vinyl Acetate	6.351	43	27815m	2.194	ug/l	
24) 1,1-Dichloroethane	6.281	63	3307m	0.453	ug/l	
25) 2-Butanone	7.269	43	10793	2.668	ug/l #	68
26) 2,2-Dichloropropane	7.245	77	2994	0.453	ug/l	93
27) cis-1,2-Dichloroethene	7.257	96	2435	0.548	ug/l	79
28) Bromochloromethane	7.592	49	1357m	0.523	ug/l	
29) Tetrahydrofuran	7.622	42	7534	2.817	ug/l #	59
30) Chloroform	7.739	83	4255	0.584	ug/l	93
31) Cyclohexane	8.022	56	10715	1.509	ug/l #	35
32) 1,1,1-Trichloroethane	7.945	97	3235m	0.495	ug/l	
36) 1,1-Dichloropropene	8.151	75	2788	0.539	ug/l #	49
37) Ethyl Acetate	7.328	43	4520	0.603	ug/l #	82
38) Carbon Tetrachloride	8.134	117	2351m	0.441	ug/l	
39) Methylcyclohexane	9.392	83	2416	0.369	ug/l #	79
40) Benzene	8.392	78	8411	0.532	ug/l #	89
41) Methacrylonitrile	7.557	41	1997	0.537	ug/l #	78

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.457	62	3512	0.581	ug/l	83
43) Isopropyl Acetate	8.498	43	6101	0.498	ug/l #	91
44) Trichloroethene	9.163	130	3147	0.887	ug/l	69
45) 1,2-Dichloropropane	9.422	63	2105	0.501	ug/l #	77
46) Dibromomethane	9.516	93	1495	0.520	ug/l #	84
47) Bromodichloromethane	9.698	83	2512	0.438	ug/l #	82
48) Methyl methacrylate	9.504	41	2980	0.552	ug/l	97
49) 1,4-Dioxane	9.510	88	1414	12.419	ug/l	89
51) 4-Methyl-2-Pentanone	10.275	43	18325	2.286	ug/l	98
52) Toluene	10.439	92	4430	0.453	ug/l	93
53) t-1,3-Dichloropropene	10.651	75	3084	0.488	ug/l #	50
54) cis-1,3-Dichloropropene	10.128	75	3198	0.474	ug/l #	58
55) 1,1,2-Trichloroethane	10.845	97	1795	0.445	ug/l #	73
56) Ethyl methacrylate	10.698	69	2962	0.432	ug/l #	77
57) 1,3-Dichloropropane	10.992	76	3020	0.428	ug/l #	88
58) 2-Chloroethyl Vinyl ether	9.975	63	7040	2.208	ug/l	93
59) 2-Hexanone	11.027	43	14362	2.321	ug/l	88
60) Dibromochloromethane	11.180	129	1891	0.463	ug/l	89
61) 1,2-Dibromoethane	11.286	107	1941	0.468	ug/l #	79
64) Tetrachloroethene	10.916	164	1691	0.622	ug/l #	77
65) Chlorobenzene	11.710	112	4854	0.502	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.792	131	1614	0.427	ug/l #	43
67) Ethyl Benzene	11.786	91	8671	0.475	ug/l #	85
68) m/p-Xylenes	11.892	106	6034	0.879	ug/l	87
69) o-Xylene	12.222	106	2941	0.426	ug/l	78
70) Styrene	12.233	104	4532	0.413	ug/l	91
71) Bromoform	12.410	173	1169	0.413	ug/l #	75
73) Isopropylbenzene	12.521	105	7098	0.474	ug/l	98
74) N-amyl acetate	12.339	43	5223	0.600	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.769	83	2847	0.506	ug/l #	81
76) 1,2,3-Trichloropropane	12.827	75	2279m	0.560	ug/l	
77) Bromobenzene	12.804	156	1454	0.453	ug/l	75
78) n-propylbenzene	12.869	91	7990	0.466	ug/l	96
79) 2-Chlorotoluene	12.951	91	5062	0.484	ug/l	88
80) 1,3,5-Trimethylbenzene	13.004	105	5227	0.421	ug/l	84
81) trans-1,4-Dichloro-2-b...	12.563	75	1063m	0.582	ug/l	
82) 4-Chlorotoluene	13.045	91	5029	0.499	ug/l	99
83) tert-Butylbenzene	13.263	119	4747	0.425	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	5926	0.482	ug/l	91
85) sec-Butylbenzene	13.445	105	5464	0.359	ug/l	89
86) p-Isopropyltoluene	13.563	119	4559	0.375	ug/l	89
87) 1,3-Dichlorobenzene	13.563	146	2828	0.476	ug/l #	40
88) 1,4-Dichlorobenzene	13.633	146	3141	0.524	ug/l #	60
89) n-Butylbenzene	13.880	91	3723	0.359	ug/l	83
90) Hexachloroethane	14.163	117	1138	0.443	ug/l	94
91) 1,2-Dichlorobenzene	13.927	146	3085	0.494	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.545	75	648m	0.423	ug/l	
93) 1,2,4-Trichlorobenzene	15.198	180	1355	0.435	ug/l	78
94) Hexachlorobutadiene	15.292	225	578	0.410	ug/l #	43
95) Naphthalene	15.433	128	5811	0.477	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.633	180	1525	0.474	ug/l	87

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Sep 13 09:10:07 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

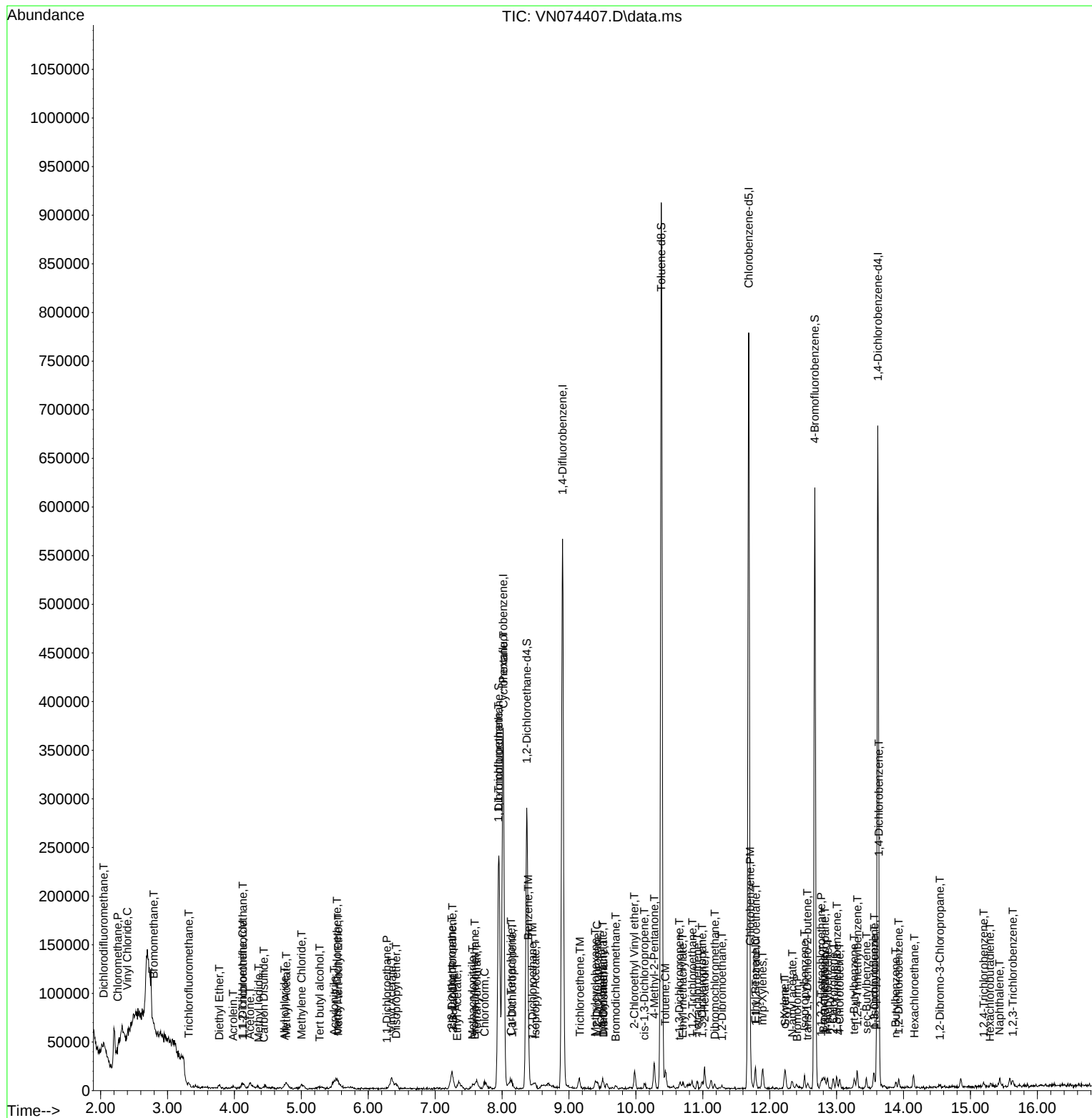
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
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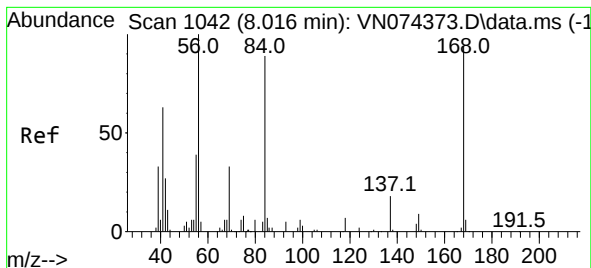
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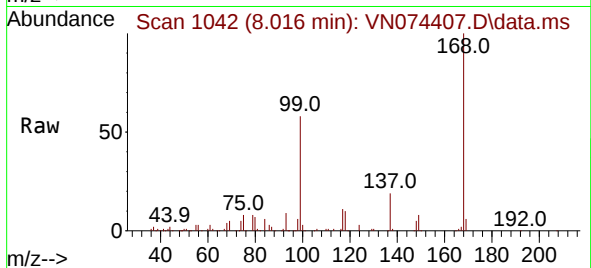
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

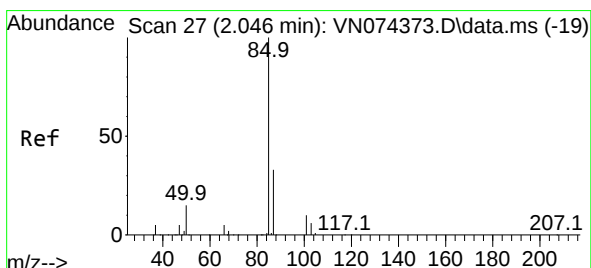
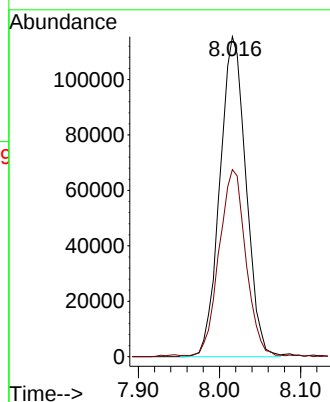
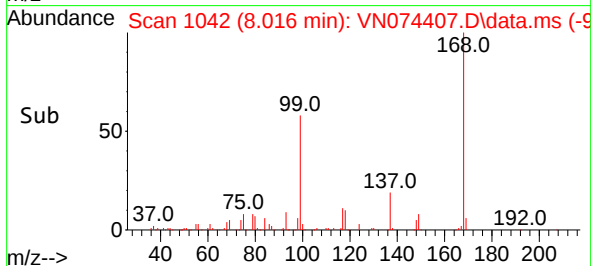
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 168 Resp: 25799
Ion Ratio Lower Upper
168 100
99 58.1 52.8 79.2

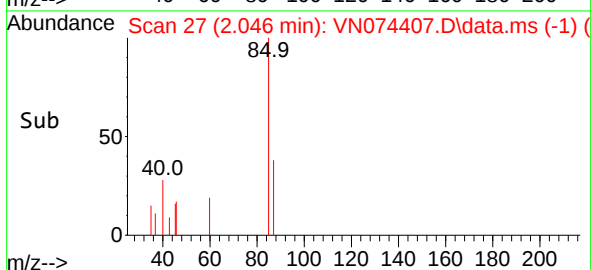
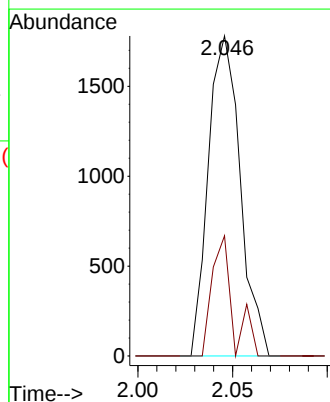
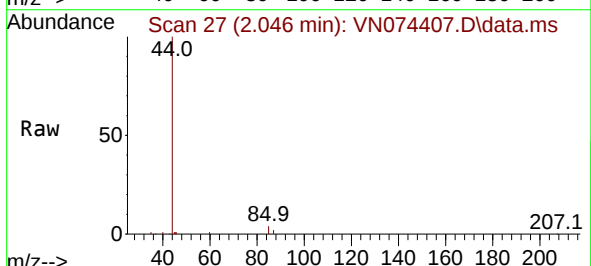
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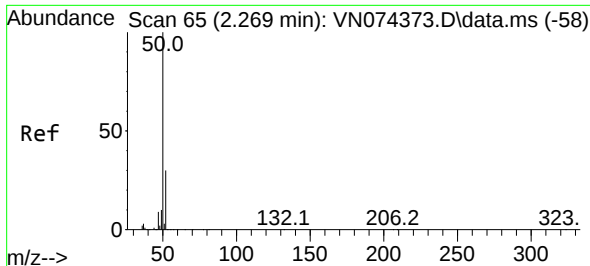
Reviewed By :John Carlone 09/14/2022
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#2
Dichlorodifluoromethane
Concen: 0.625 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

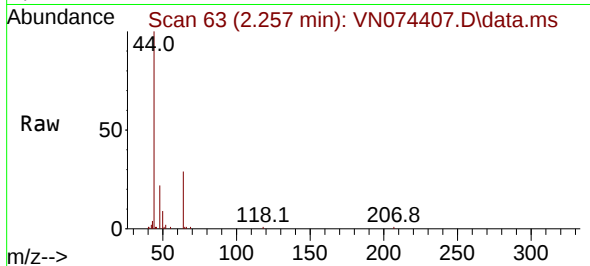
Tgt Ion: 85 Resp: 2091
Ion Ratio Lower Upper
85 100
87 37.6 16.4 49.2





#3
Chloromethane
Concen: 0.624 ug/l m
RT: 2.257 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

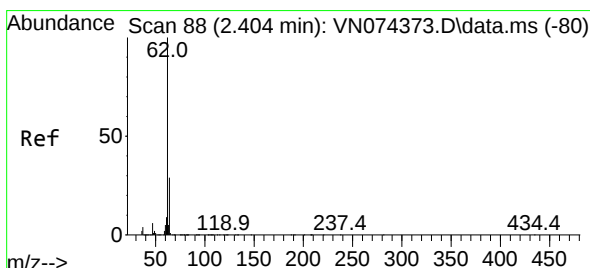
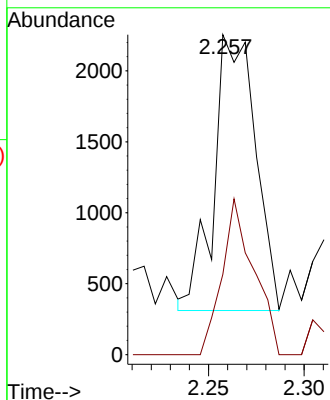
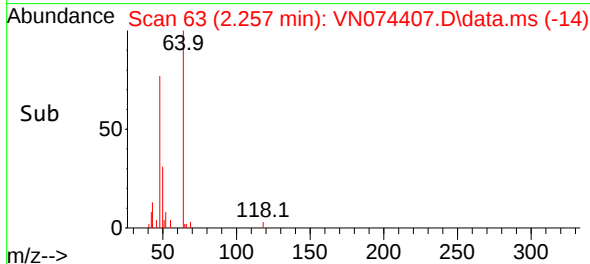
Instrument :
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Tgt Ion: 50 Resp: 294
Ion Ratio Lower Upper
50 100
52 25.1 24.1 36.1

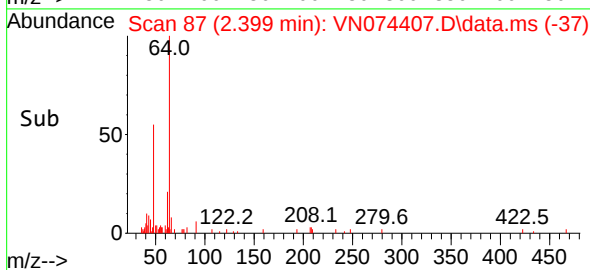
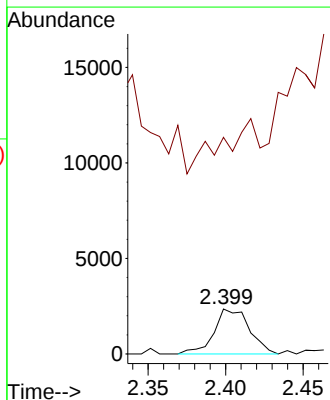
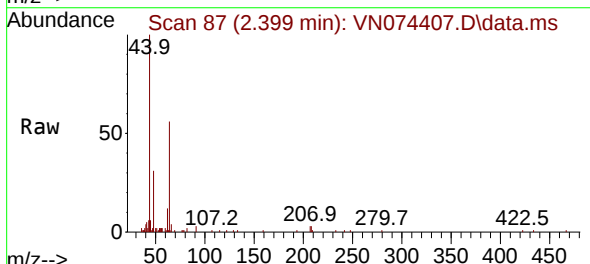
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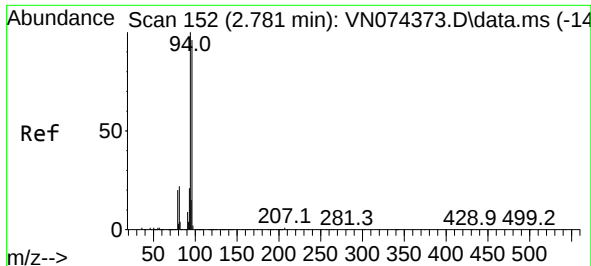
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#4
Vinyl Chloride
Concen: 0.669 ug/l
RT: 2.399 min Scan# 87
Delta R.T. -0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

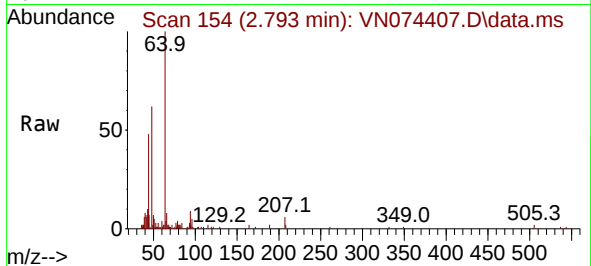
Tgt Ion: 62 Resp: 3739
Ion Ratio Lower Upper
62 100
64 0.0 23.5 35.3#





#5
Bromomethane
Concen: 0.993 ug/l
RT: 2.793 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

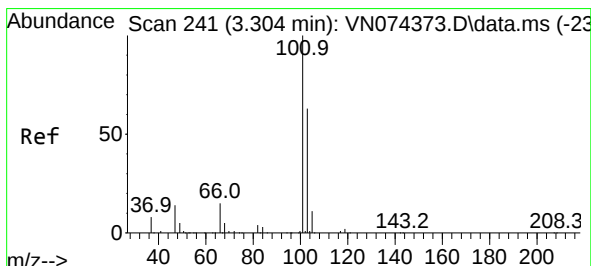
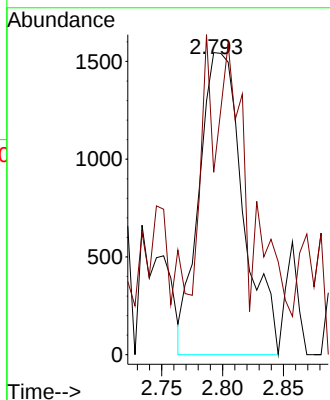
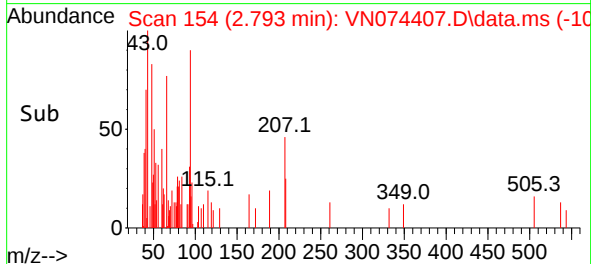
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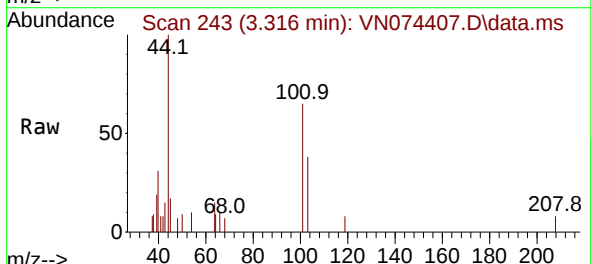
Tgt Ion: 94 Resp: 3870
Ion Ratio Lower Upper
94 100
96 29.6 76.7 115.1

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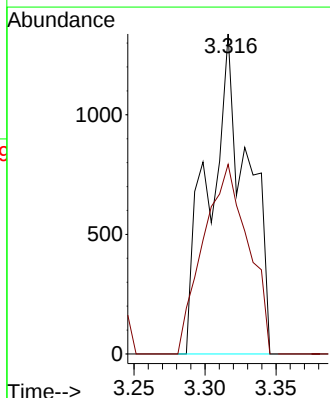
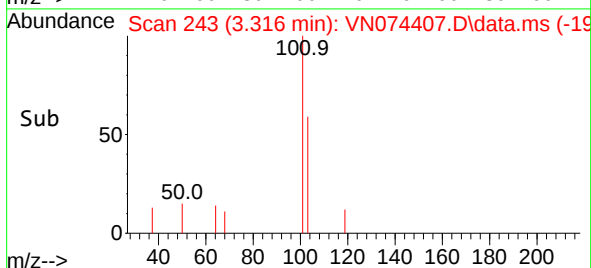
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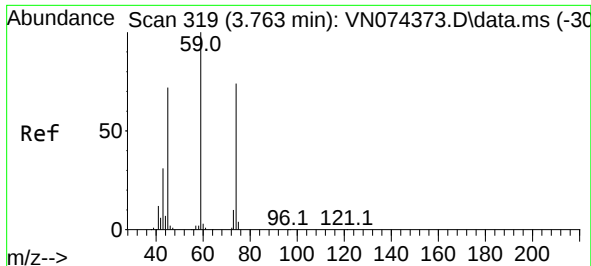


#7
Trichlorofluoromethane
Concen: 0.461 ug/l
RT: 3.316 min Scan# 243
Delta R.T. 0.012 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22



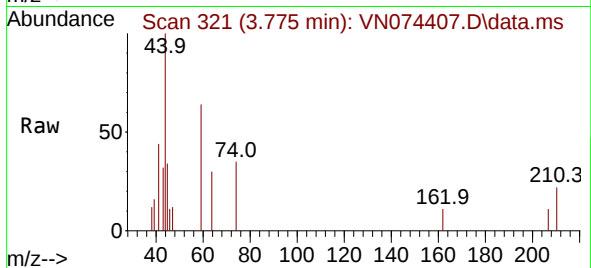
Tgt Ion:101 Resp: 2543
Ion Ratio Lower Upper
101 100
103 59.3 50.8 76.2





#8
Diethyl Ether
Concen: 0.437 ug/l
RT: 3.775 min Scan# 319
Delta R.T. 0.012 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

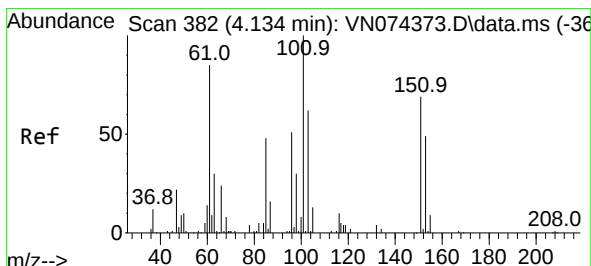
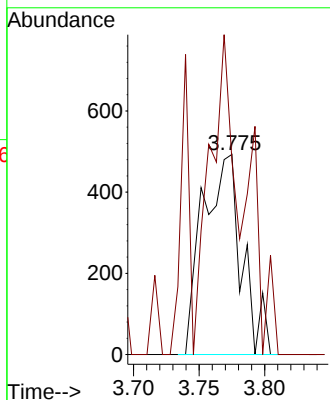
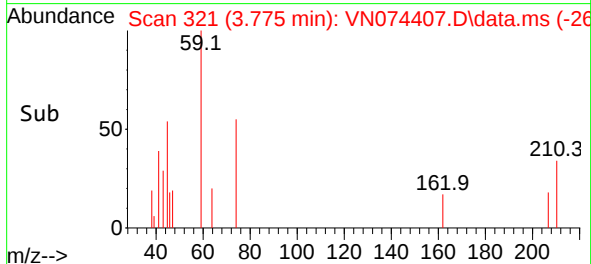
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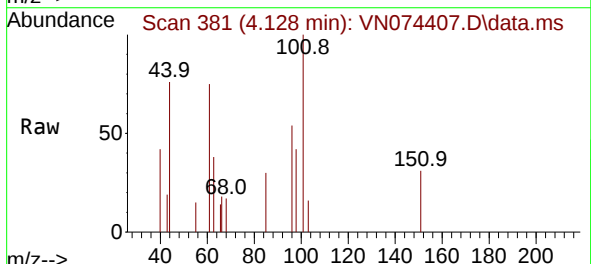
Tgt Ion: 74 Resp: 1010
Ion Ratio Lower Upper
74 100
45 140.6 52.4 157.3

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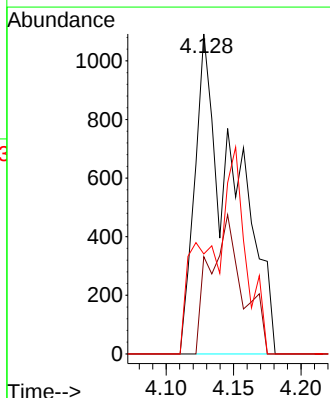
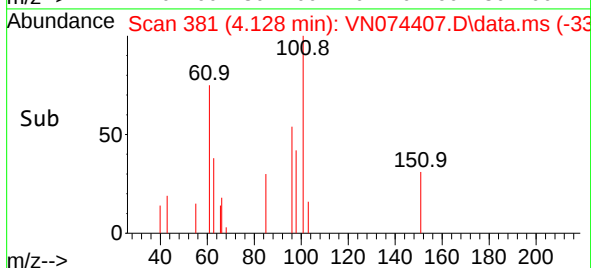
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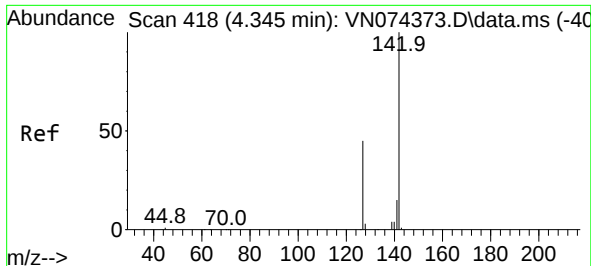


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.674 ug/l m
RT: 4.128 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN074407.D
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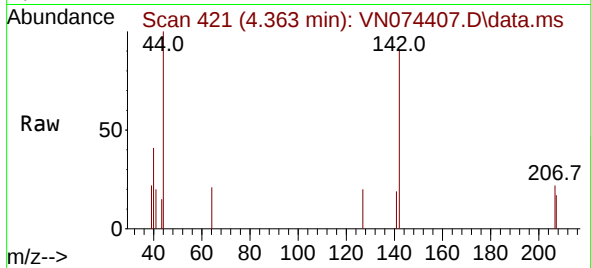
Tgt Ion:101 Resp: 2228
Ion Ratio Lower Upper
101 100
85 0.0 39.5 59.3#
151 16.7 57.8 86.6#





#10
Methyl Iodide
Concen: 0.457 ug/l m
RT: 4.363 min Scan# 418
Delta R.T. 0.018 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

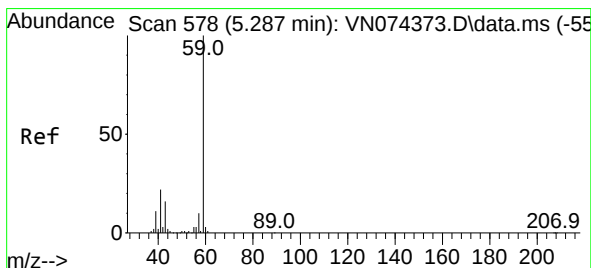
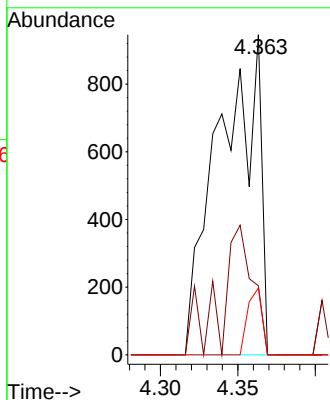
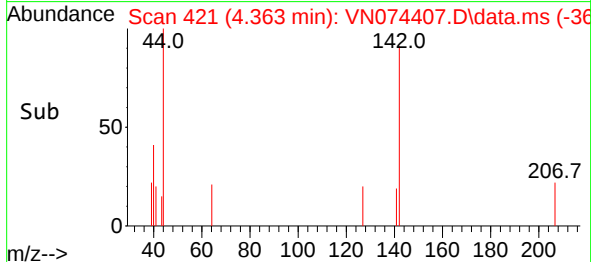
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion:142 Resp: 1749
Ion Ratio Lower Upper
142 100
127 4.1 37.4 56.2
141 0.0 11.2 16.8

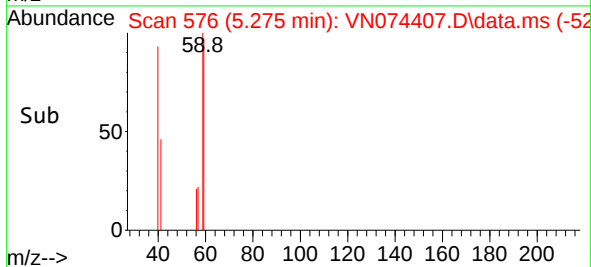
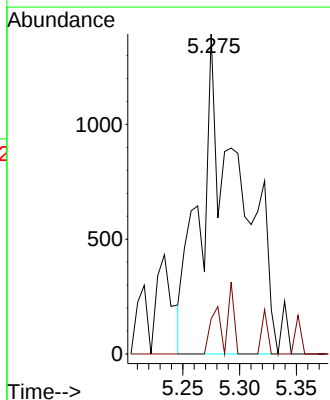
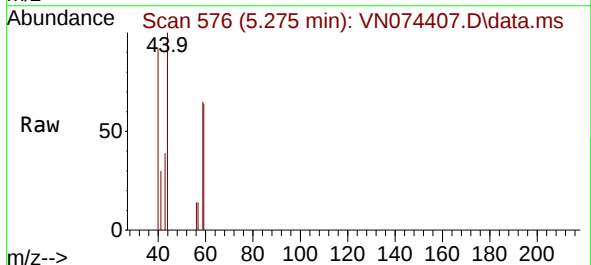
Manual Integrations
APPROVED

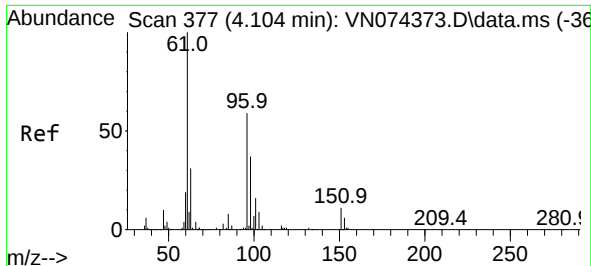
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#11
Tert butyl alcohol
Concen: 2.859 ug/l m
RT: 5.275 min Scan# 576
Delta R.T. -0.012 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

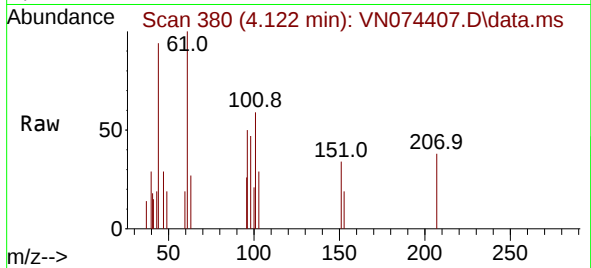
Tgt Ion: 59 Resp: 3338
Ion Ratio Lower Upper
59 100
57 3.8 8.8 13.2





#12
1,1-Dichloroethene
Concen: 0.601 ug/l m
RT: 4.122 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

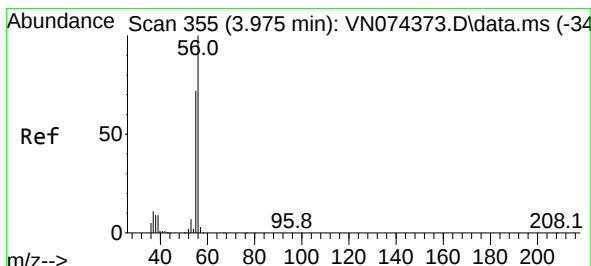
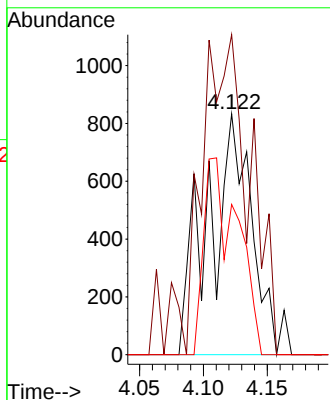
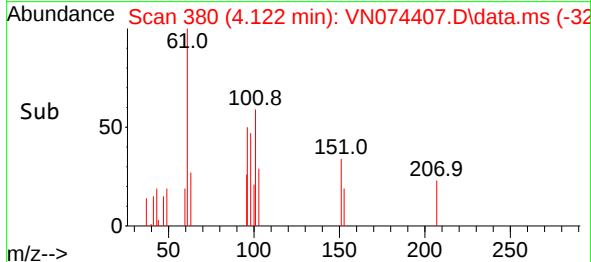
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 96 Resp: 1934
Ion Ratio Lower Upper
96 100
61 201.3 134.7 202.1
98 94.5 50.2 75.4

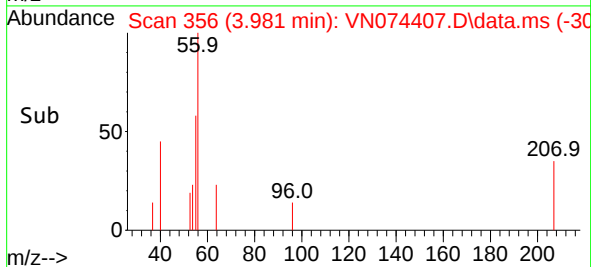
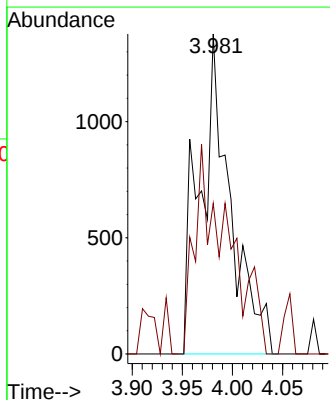
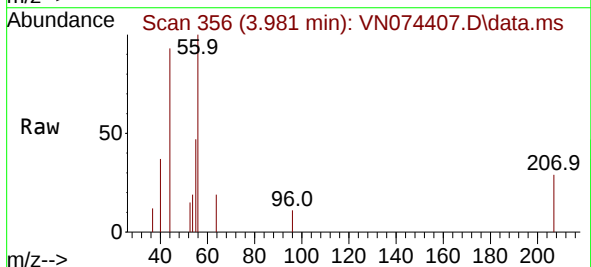
Manual Integrations
APPROVED

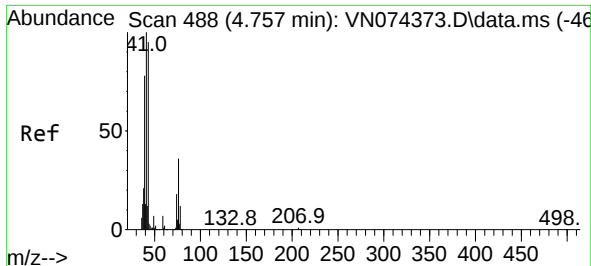
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#13
Acrolein
Concen: 3.745 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

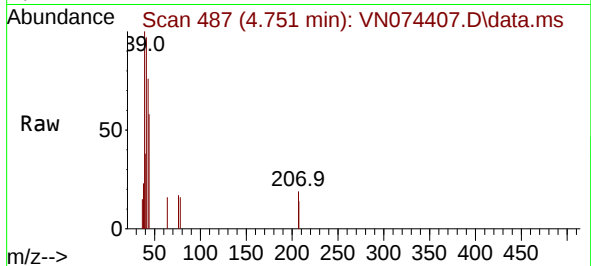
Tgt Ion: 56 Resp: 2904
Ion Ratio Lower Upper
56 100
55 40.6 56.2 84.4





#14
 Allyl chloride
 Concen: 0.639 ug/l m
 RT: 4.751 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN074407.D
 Acq: 12 Sep 2022 12:22

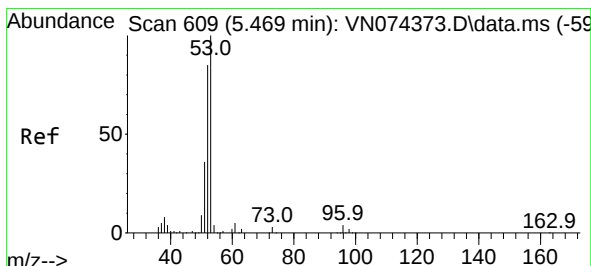
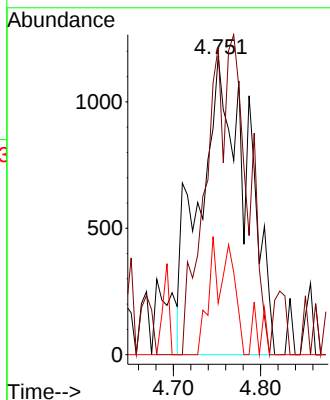
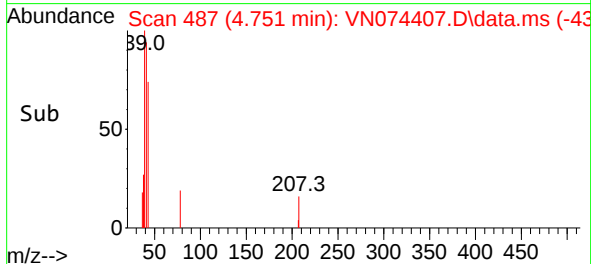
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL02



Tgt Ion: 41 Resp: 4508
 Ion Ratio Lower Upper
 41 100
 39 42.5 58.5 87.7#
 76 7.9 24.2 36.4#

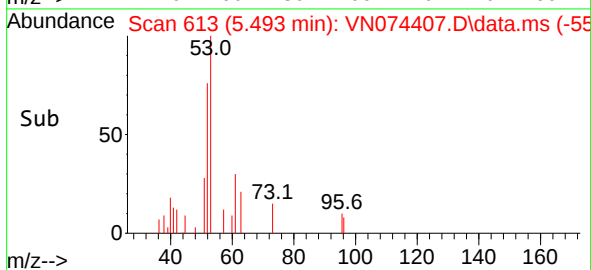
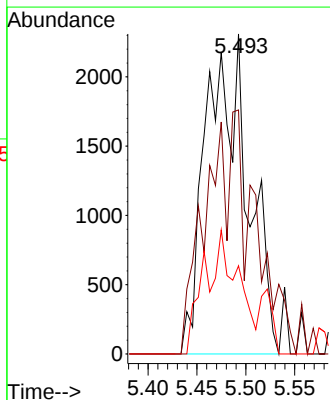
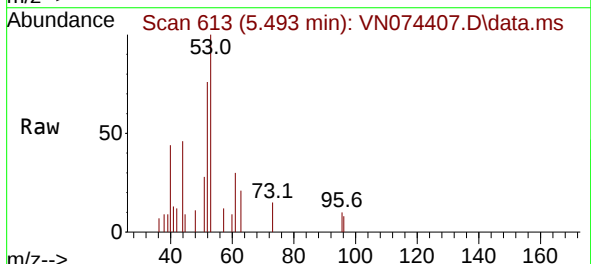
Manual Integrations
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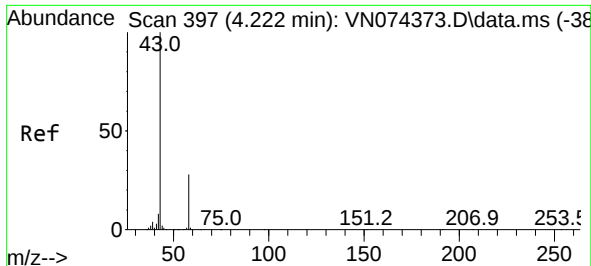
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#15
 Acrylonitrile
 Concen: 2.575 ug/l m
 RT: 5.493 min Scan# 613
 Delta R.T. 0.024 min
 Lab File: VN074407.D
 Acq: 12 Sep 2022 12:22

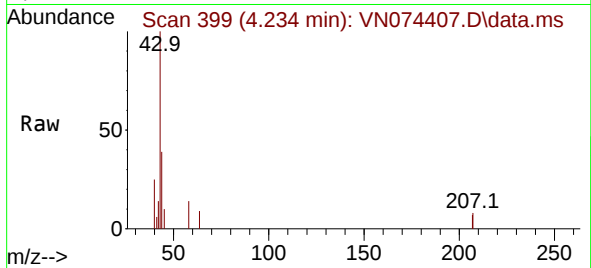
Tgt Ion: 53 Resp: 6877
 Ion Ratio Lower Upper
 53 100
 52 41.0 65.9 98.9#
 51 21.1 29.4 44.2#





#16
Acetone
Concen: 3.610 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

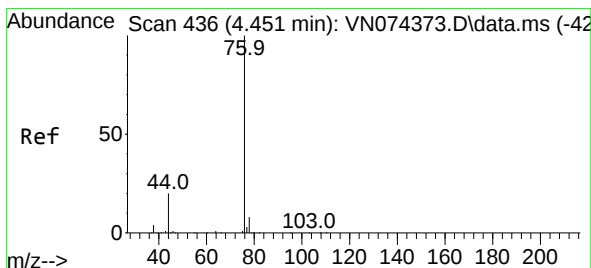
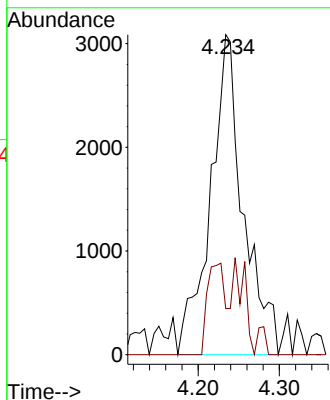
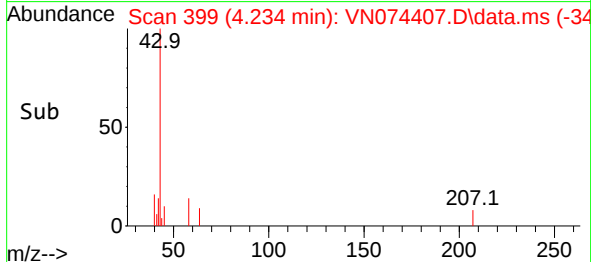
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 8700
Ion Ratio Lower Upper
43 100
58 14.4 22.7 34.1

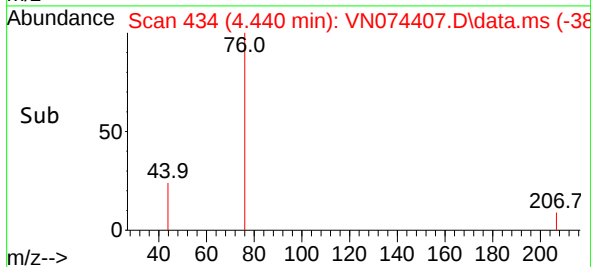
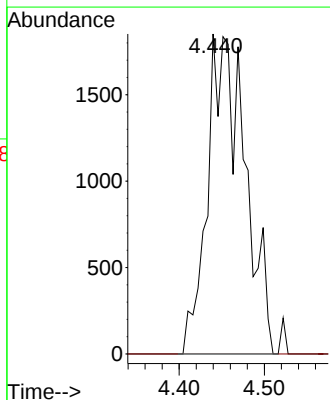
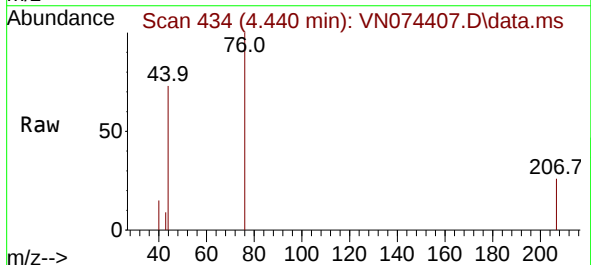
Manual Integrations
APPROVED

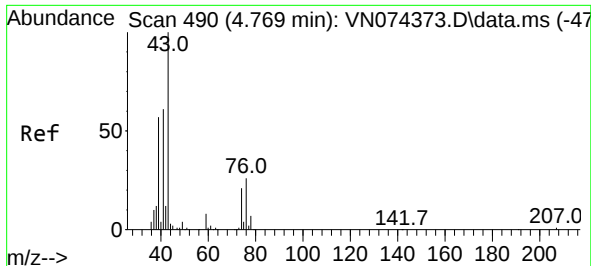
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#17
Carbon Disulfide
Concen: 0.650 ug/l
RT: 4.440 min Scan# 434
Delta R.T. -0.012 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Tgt Ion: 76 Resp: 5682
Ion Ratio Lower Upper
76 100
78 0.0 6.5 9.7





#18

Methyl Acetate

Concen: 1.126 ug/l m

RT: 4.775 min Scan# 491

Delta R.T. 0.006 min

Lab File: VN074407.D

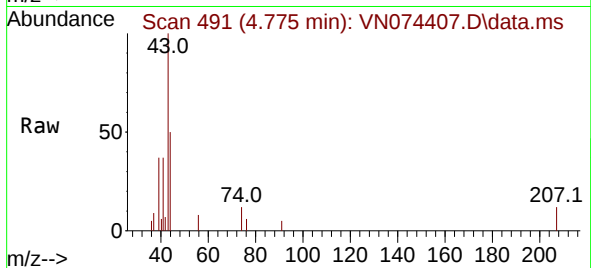
Acq: 12 Sep 2022 12:22

Instrument :

MSVOA_N

ClientSampleId :

MDL02



Tgt Ion: 43 Resp: 800

Ion Ratio Lower Upper

43 100

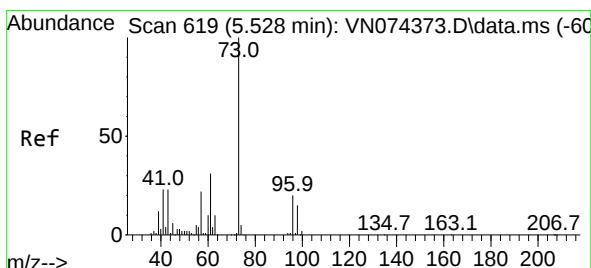
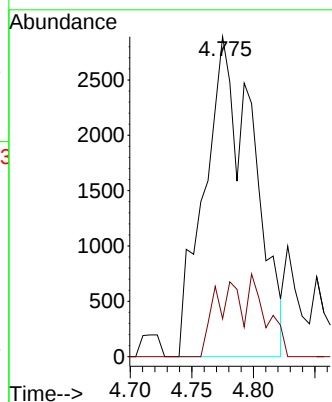
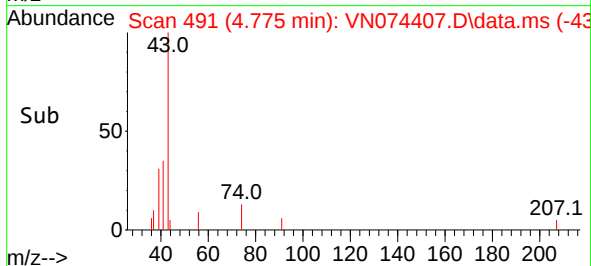
74 12.5 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#19

Methyl tert-butyl Ether

Concen: 0.511 ug/l

RT: 5.551 min Scan# 623

Delta R.T. 0.024 min

Lab File: VN074407.D

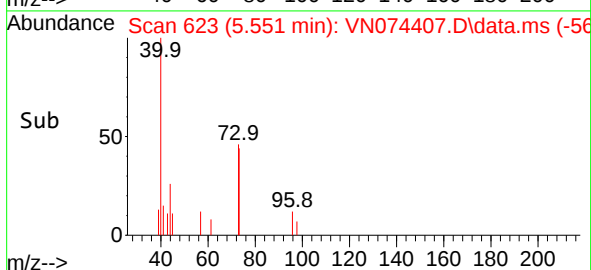
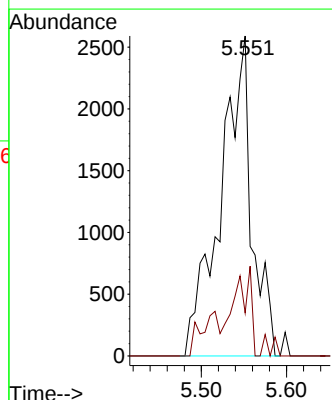
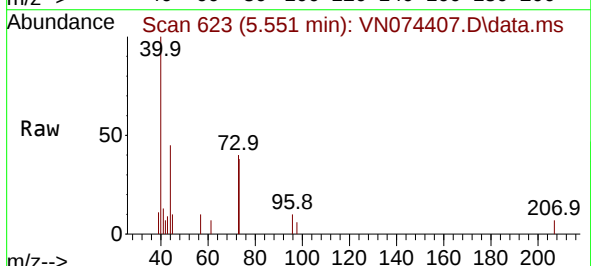
Acq: 12 Sep 2022 12:22

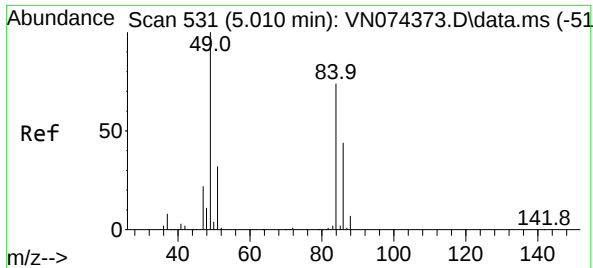
Tgt Ion: 73 Resp: 6614

Ion Ratio Lower Upper

73 100

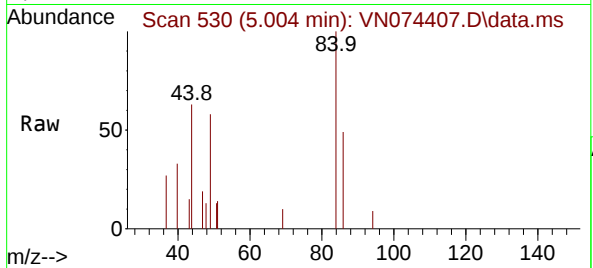
57 13.4 17.7 26.5





#20
Methylene Chloride
Concen: 0.775 ug/l m
RT: 5.004 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

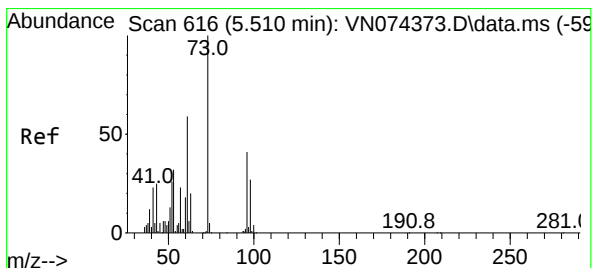
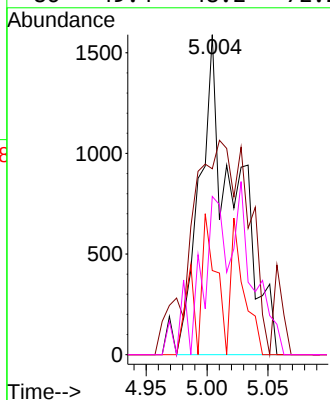
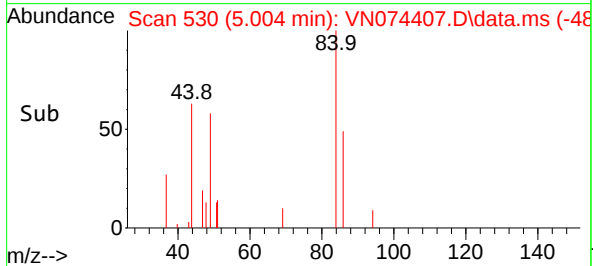
Instrument :
MSVOA_N
ClientSampleId :
MDL02



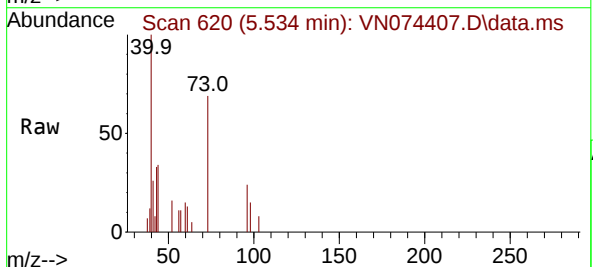
Tgt Ion:	84	Resp:	322
Ion	Ratio	Lower	Upper
84	100		
49	58.1	108.2	162.4
51	13.6	34.3	51.5
86	49.4	48.2	72.2

Manual Integrations
APPROVED

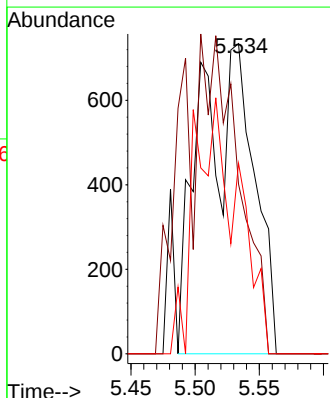
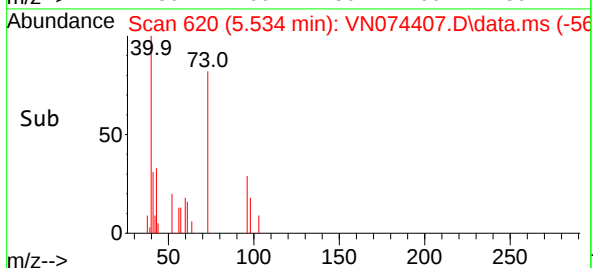
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

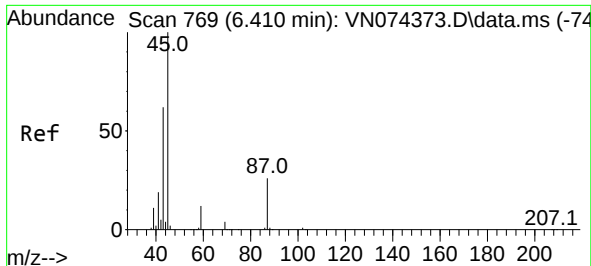


#21
trans-1,2-Dichloroethene
Concen: 0.582 ug/l m
RT: 5.534 min Scan# 620
Delta R.T. 0.024 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22



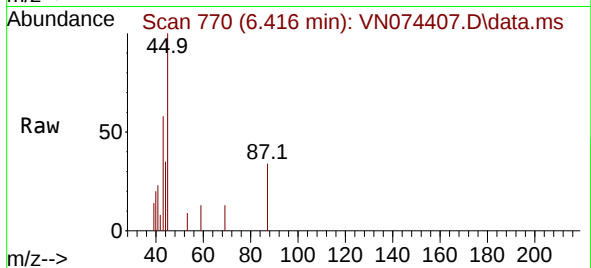
Tgt Ion:	96	Resp:	2097
Ion	Ratio	Lower	Upper
96	100		
61	54.8	115.3	172.9
98	61.4	53.4	80.0





#22
Diisopropyl ether
Concen: 0.468 ug/l
RT: 6.416 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

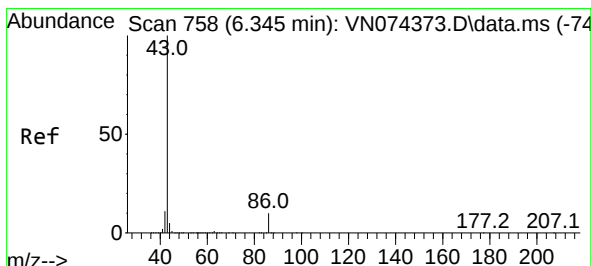
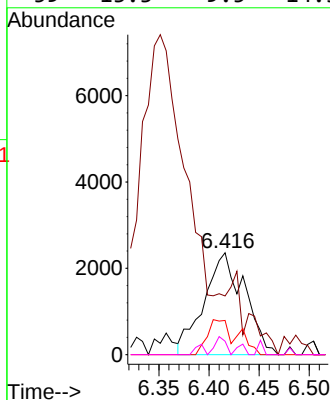
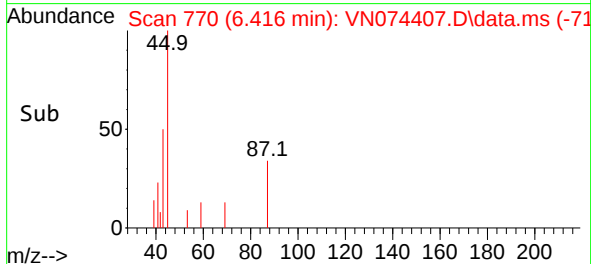
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 45	Resp: 6649
Ion Ratio	Lower Upper
45	100
43	57.7 49.4 74.0
87	33.6 21.3 31.9
59	13.3 9.5 14.3

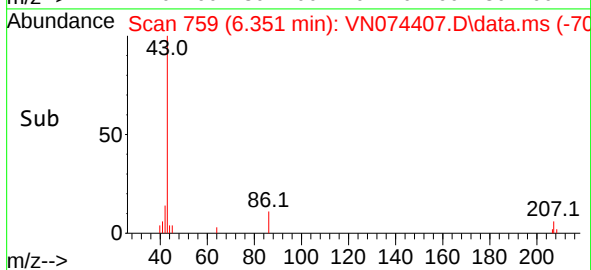
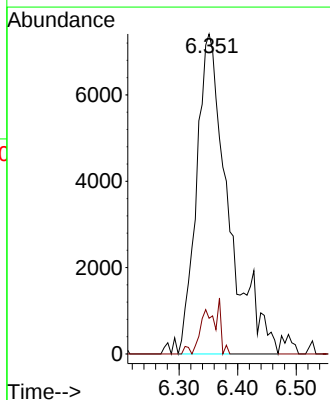
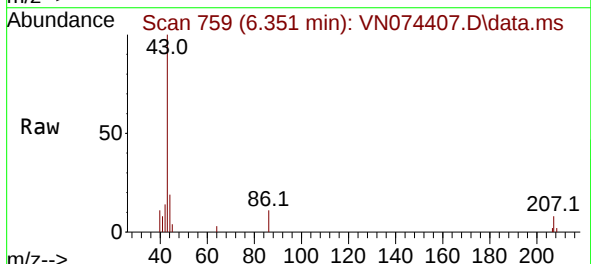
Manual Integrations
APPROVED

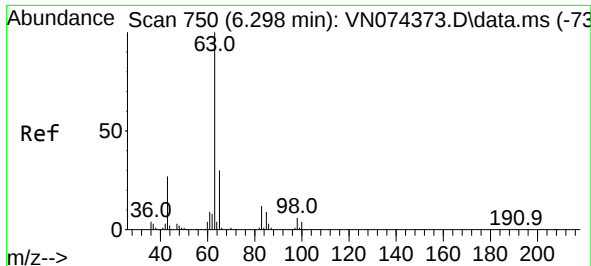
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#23
Vinyl Acetate
Concen: 2.194 ug/l m
RT: 6.351 min Scan# 759
Delta R.T. 0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

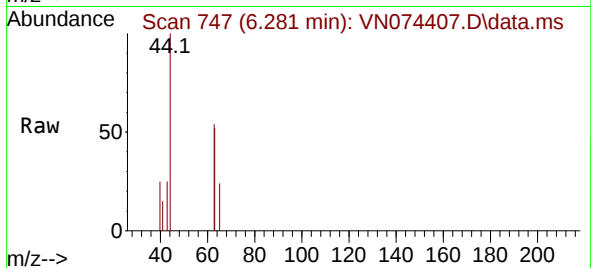
Tgt Ion: 43	Resp: 27815
Ion Ratio	Lower Upper
43	100
86	11.2 7.6 11.4





#24
1,1-Dichloroethane
Concen: 0.453 ug/l m
RT: 6.281 min Scan# 74
Delta R.T. -0.018 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

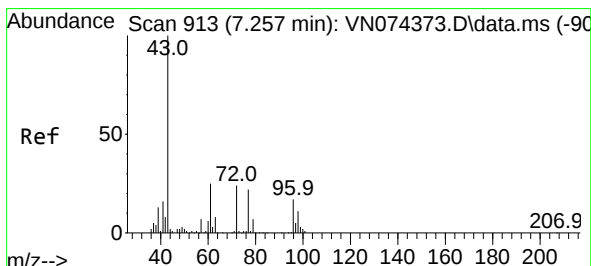
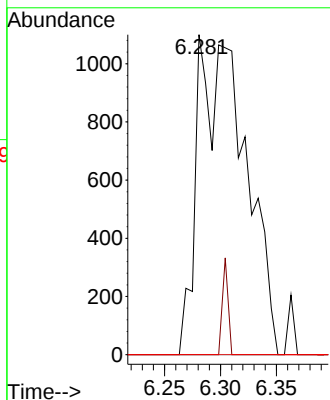
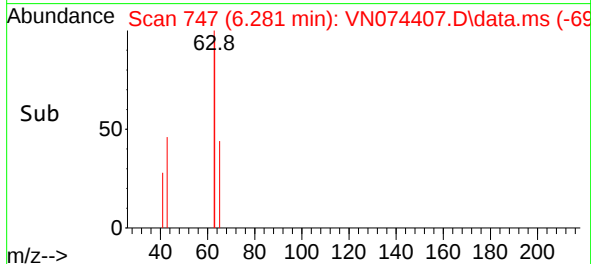
Instrument :
MSVOA_N
ClientSampleId :
MDL02



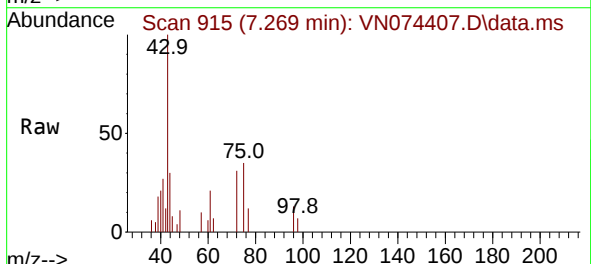
Tgt Ion: 63 Resp: 330
Ion Ratio Lower Upper
63 100
98 0.0 2.9 8.6
100 0.0 2.0 5.8

Manual Integrations
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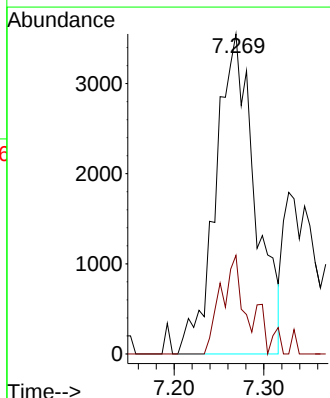
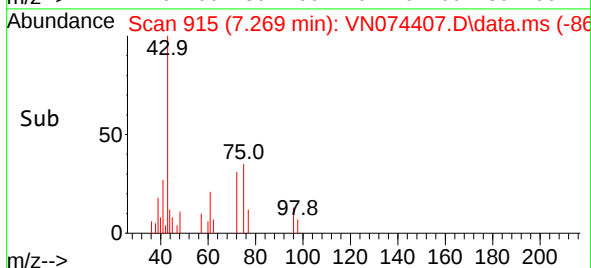
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

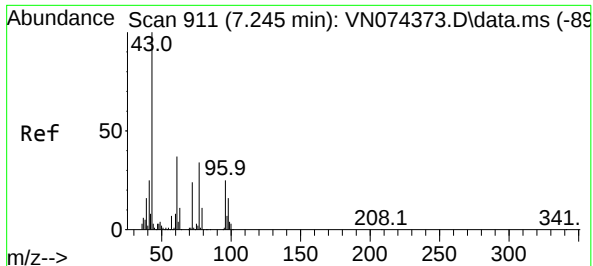


#25
2-Butanone
Concen: 2.668 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22



Tgt Ion: 43 Resp: 10793
Ion Ratio Lower Upper
43 100
72 39.4 18.9 28.3





#26

2,2-Dichloropropane

Concen: 0.453 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

Instrument :

MSVOA_N

ClientSampleId :

MDL02

Tgt Ion: 77 Resp: 2994

Ion Ratio Lower Upper

77 100

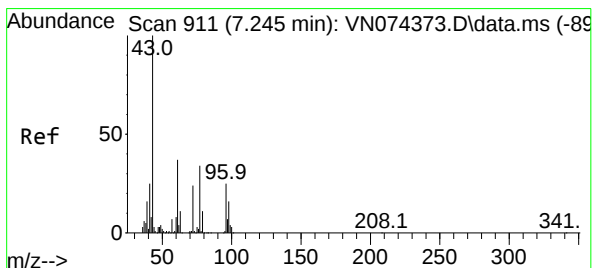
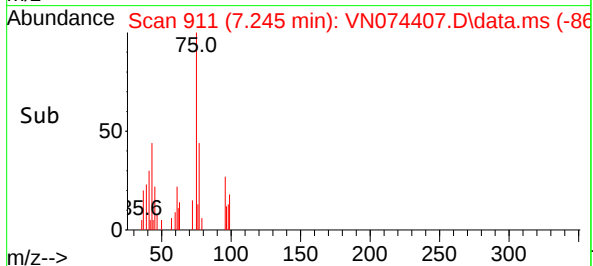
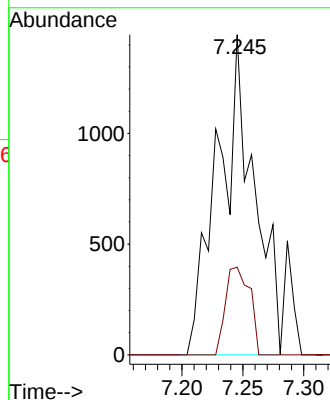
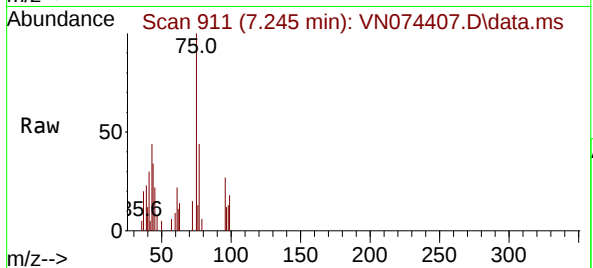
97 18.3 10.7 32.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#27

cis-1,2-Dichloroethene

Concen: 0.548 ug/l

RT: 7.257 min Scan# 913

Delta R.T. 0.012 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

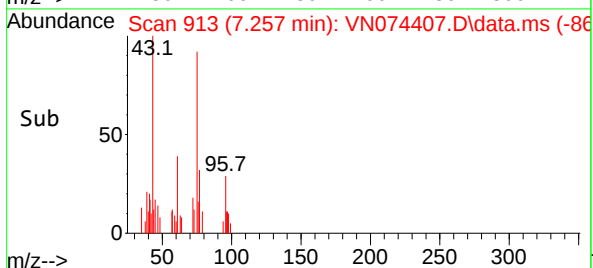
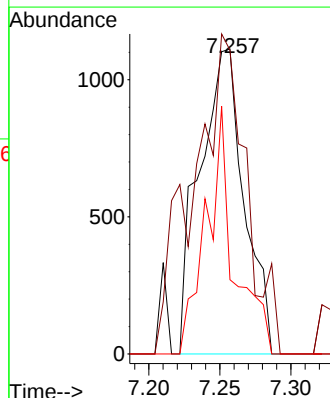
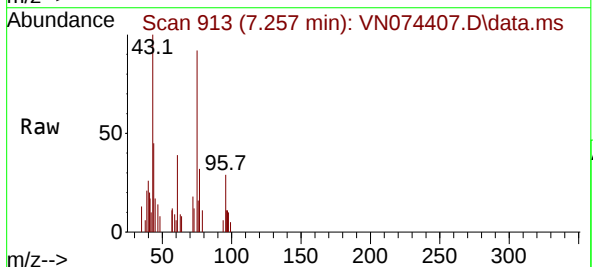
Tgt Ion: 96 Resp: 2435

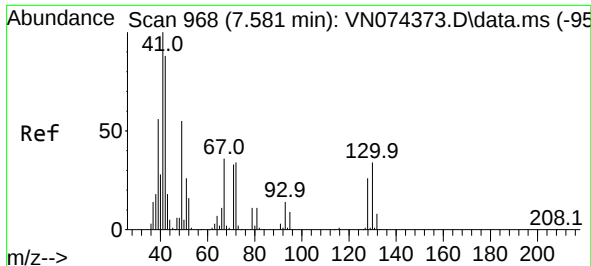
Ion Ratio Lower Upper

96 100

61 124.0 0.0 306.2

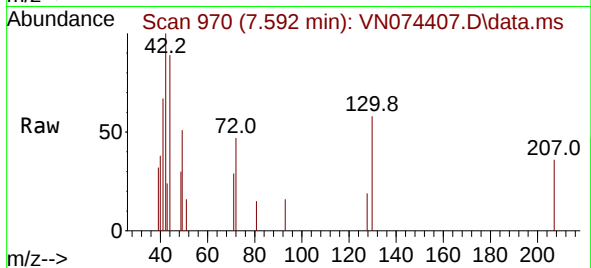
98 50.1 0.0 129.8





#28
Bromochloromethane
Concen: 0.523 ug/l m
RT: 7.592 min Scan# 91
Delta R.T. 0.011 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

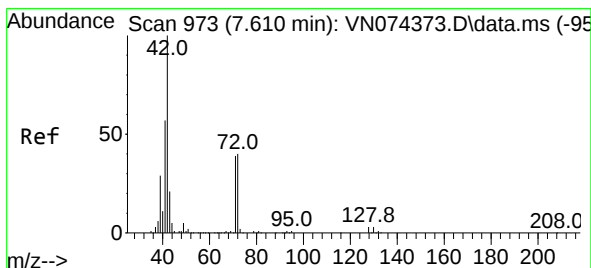
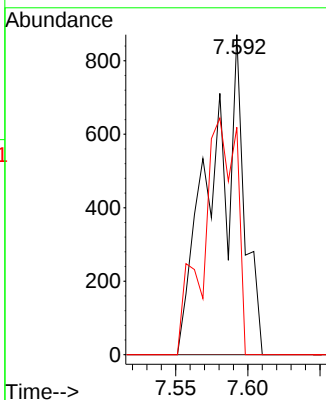
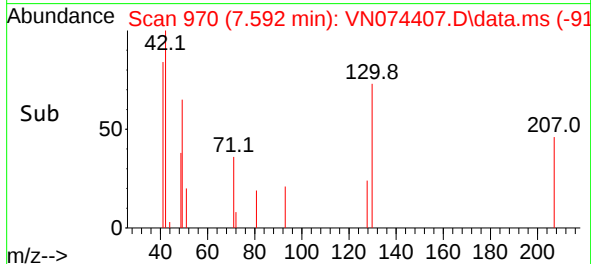
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 49 Resp: 135
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 76.9 50.0 75.0

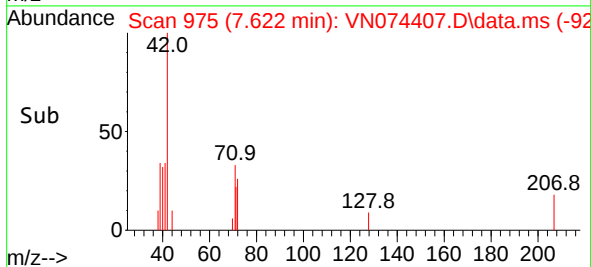
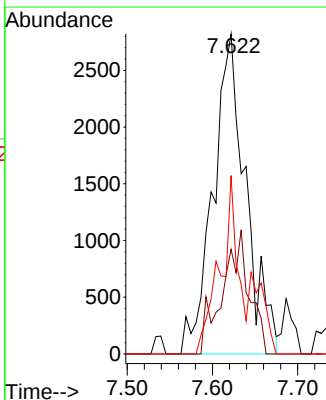
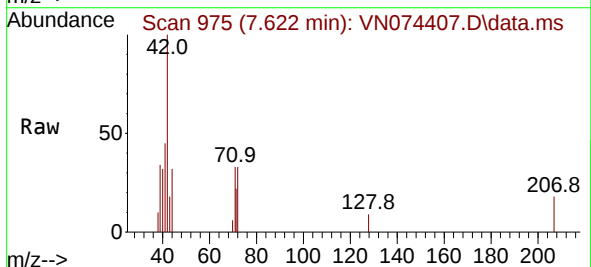
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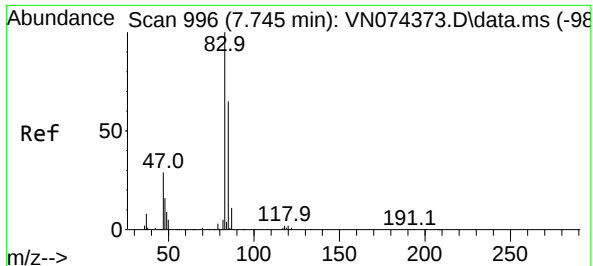
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#29
Tetrahydrofuran
Concen: 2.817 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.012 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

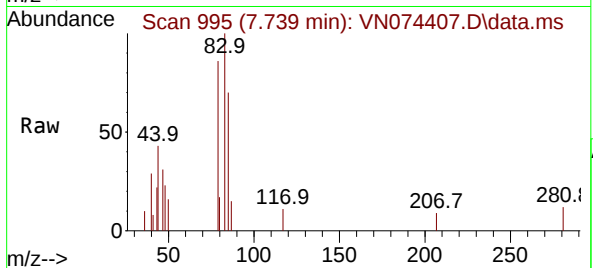
Tgt Ion: 42 Resp: 7534
Ion Ratio Lower Upper
42 100
72 0.0 32.7 49.1#
71 30.0 31.0 46.6#





#30
Chloroform
Concen: 0.584 ug/l
RT: 7.739 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

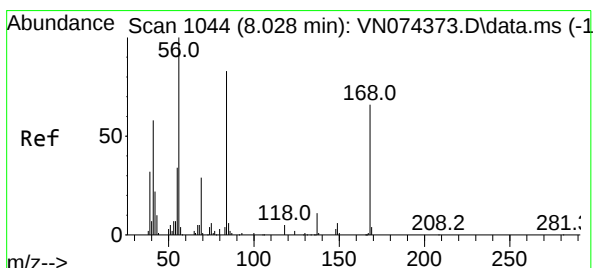
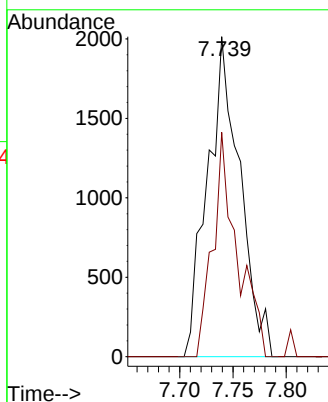
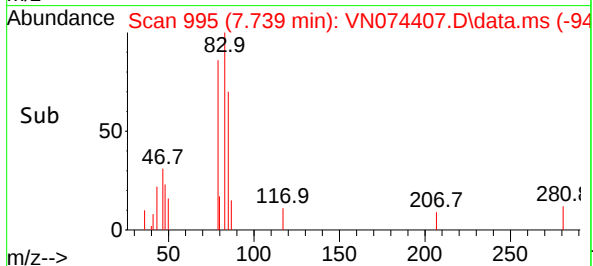
Instrument :
MSVOA_N
ClientSampleId :
MDL02



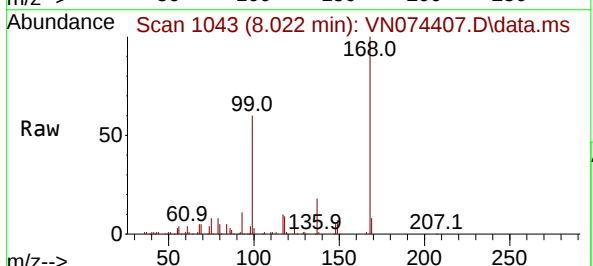
Tgt Ion: 83 Resp: 425
Ion Ratio Lower Upper
83 100
85 70.1 51.8 77.6

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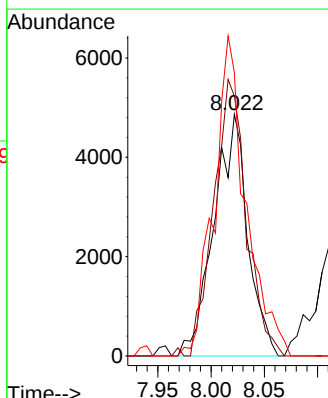
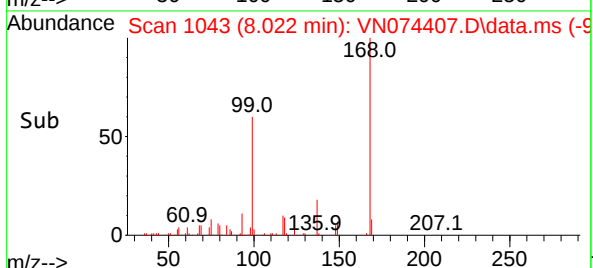
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

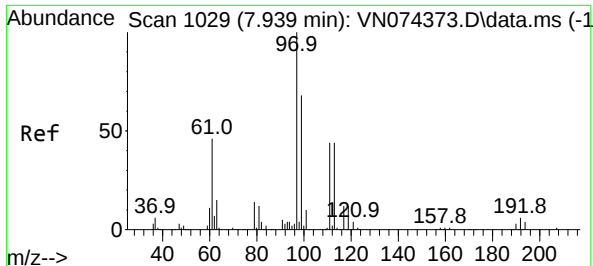


#31
Cyclohexane
Concen: 1.509 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22



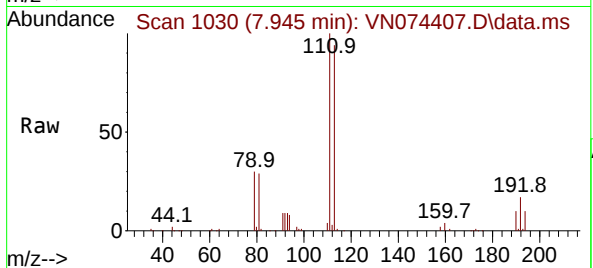
Tgt Ion: 56 Resp: 10715
Ion Ratio Lower Upper
56 100
69 104.2 23.0 34.4#
84 117.4 66.3 99.5#





#32
1,1,1-Trichloroethane
Concen: 0.495 ug/l m
RT: 7.945 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

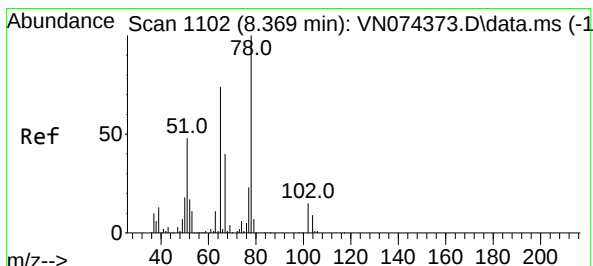
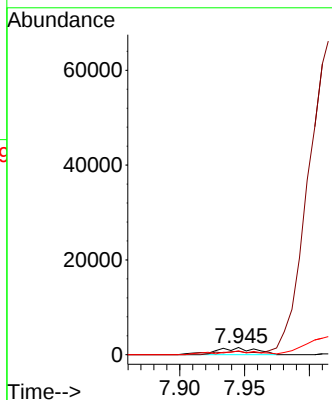
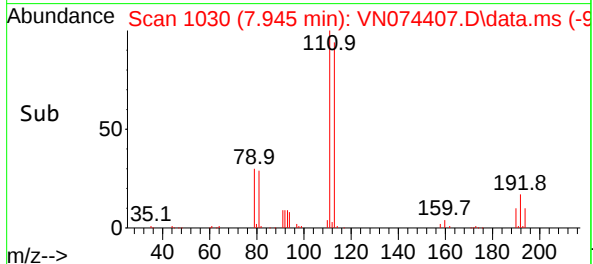
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 97 Resp: 3235
Ion Ratio Lower Upper
97 100
99 0.0 50.2 75.2
61 41.9 38.7 58.1

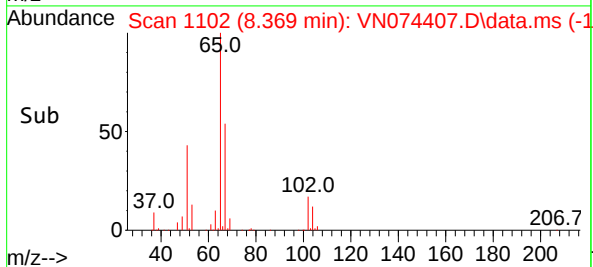
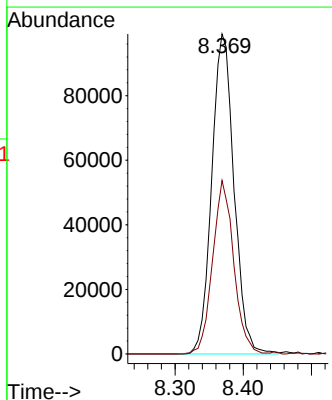
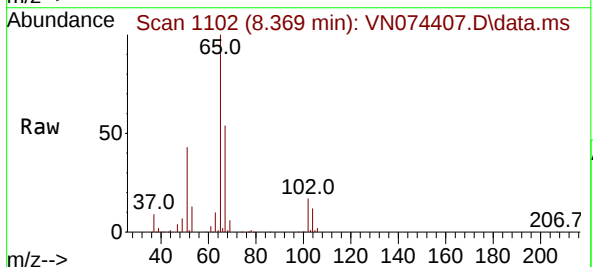
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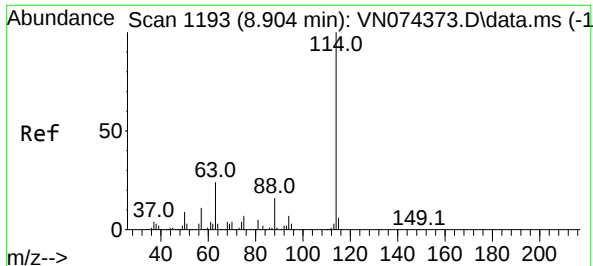
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#33
1,2-Dichloroethane-d4
Concen: 50.502 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Tgt Ion: 65 Resp: 225422
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

Instrument :

MSVOA_N

ClientSampleId :

MDL02

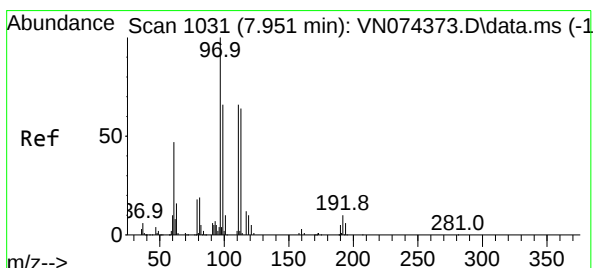
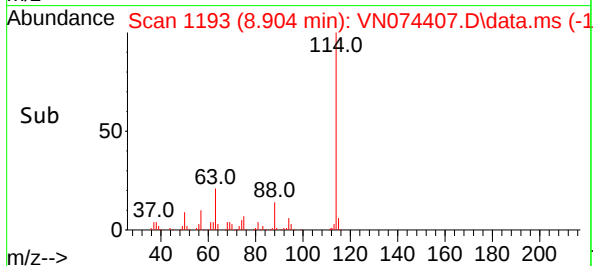
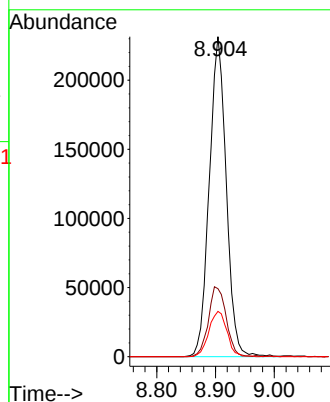
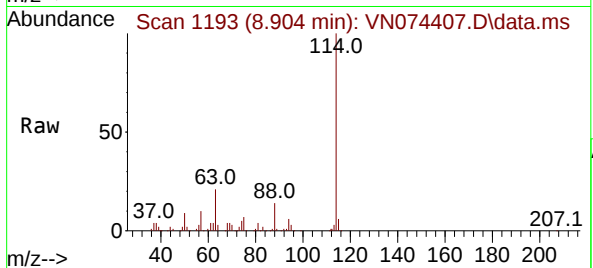
Tgt Ion:	114	Resp:	46465
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	47.6
88	14.2	0.0	31.4

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#35

Dibromofluoromethane

Concen: 52.367 ug/l

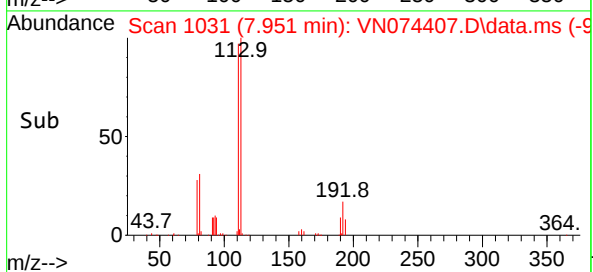
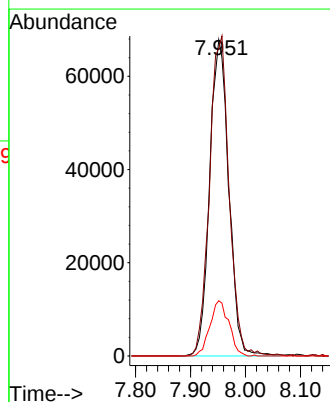
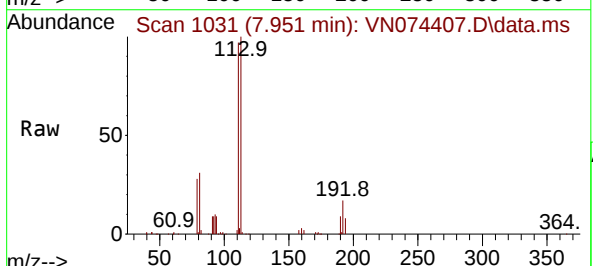
RT: 7.951 min Scan# 1031

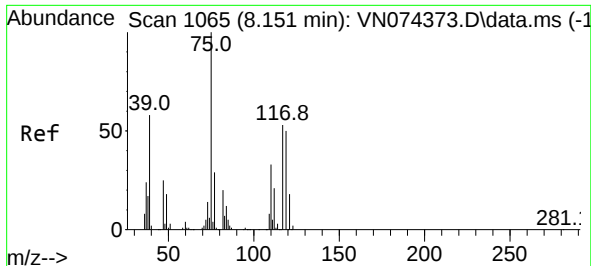
Delta R.T. 0.000 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

Tgt Ion:	113	Resp:	164269
Ion Ratio	Lower	Upper	
113	100		
111	103.6	83.0	124.4
192	17.3	13.7	20.5





#36

1,1-Dichloropropene

Concen: 0.539 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

Instrument :

MSVOA_N

ClientSampleId :

MDL02

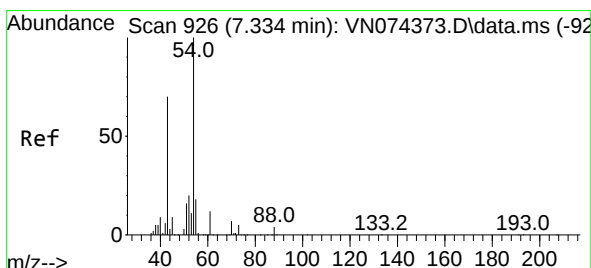
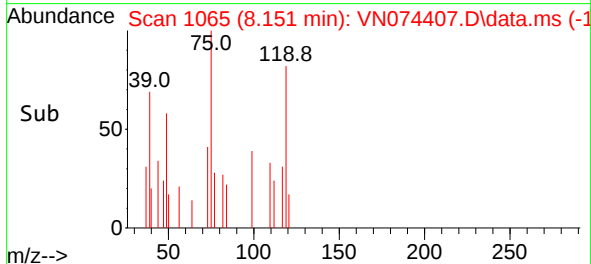
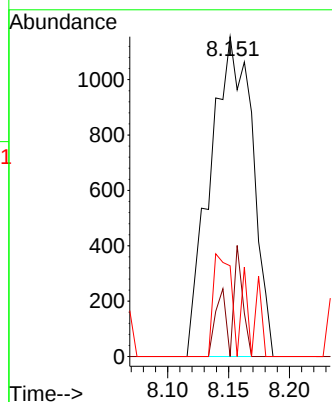
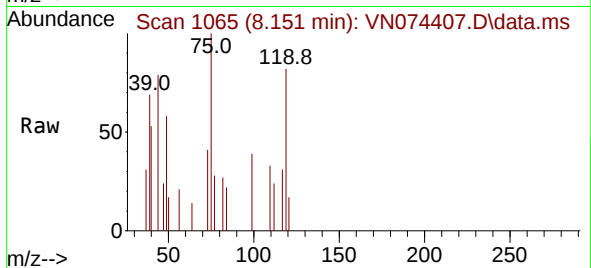
Tgt Ion: 75	Resp: 278
Ion Ratio	Lower Upper
75	100
110	7.1 16.4 49.1
77	0.0 25.4 38.2

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#37

Ethyl Acetate

Concen: 0.603 ug/l

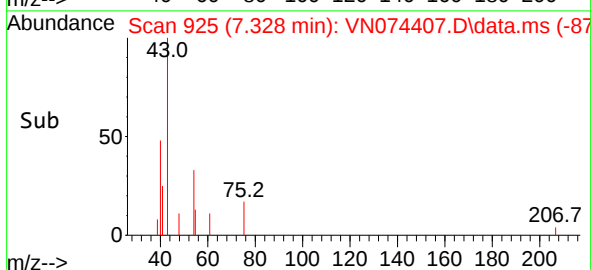
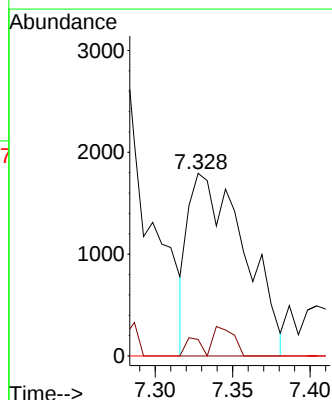
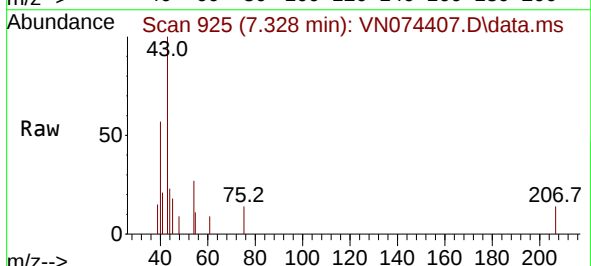
RT: 7.328 min Scan# 925

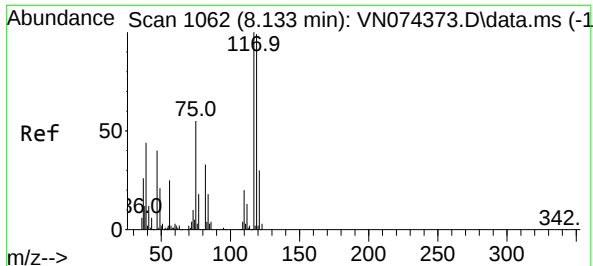
Delta R.T. -0.006 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

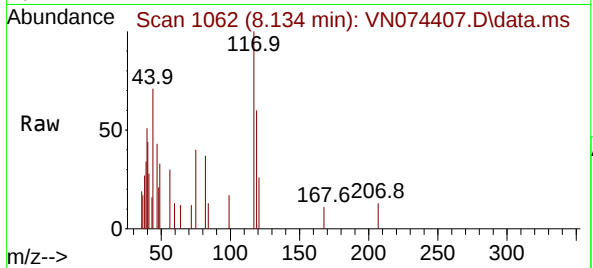
Tgt Ion: 43	Resp: 4520
Ion Ratio	Lower Upper
43	100
61	8.5 11.1 16.7#
70	0.0 7.2 10.8#





#38
Carbon Tetrachloride
Concen: 0.441 ug/l m
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

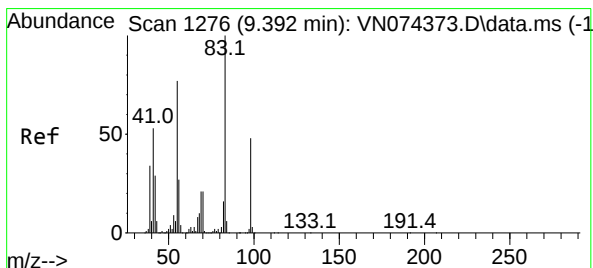
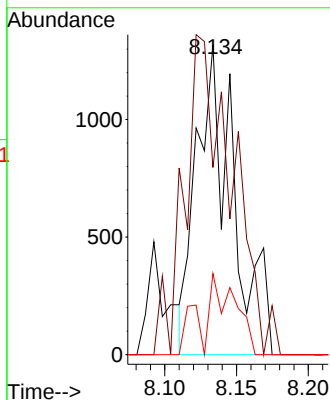
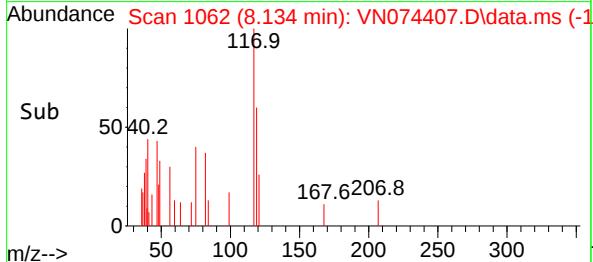
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 117 Resp: 235
Ion Ratio Lower Upper
117 100
119 60.3 78.8 118.2
121 26.2 24.1 36.1

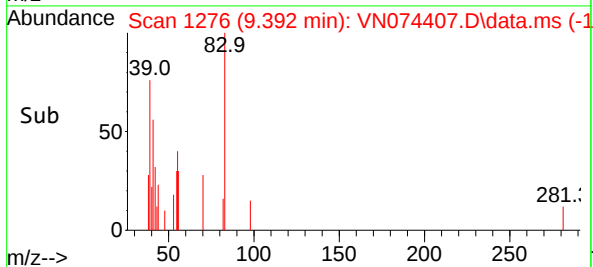
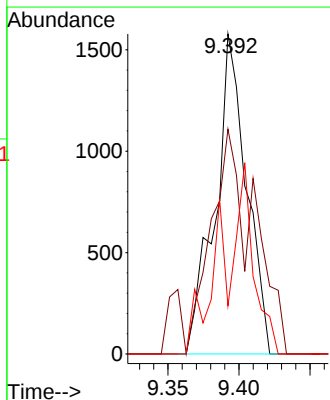
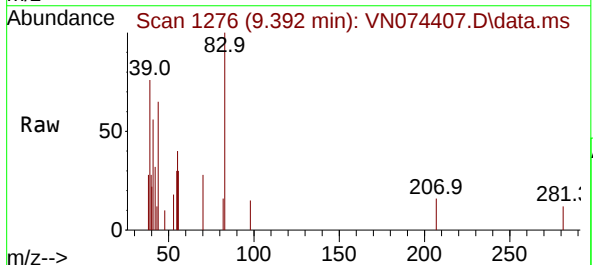
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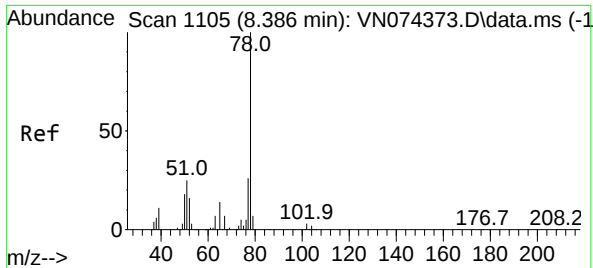
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#39
Methylcyclohexane
Concen: 0.369 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Tgt Ion: 83 Resp: 2416
Ion Ratio Lower Upper
83 100
55 80.0 61.2 91.8
98 15.1 38.5 57.7#





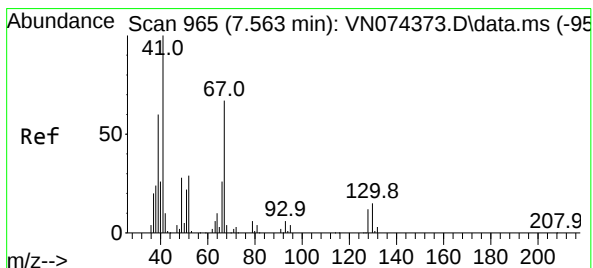
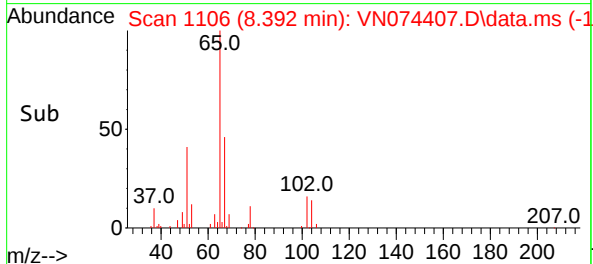
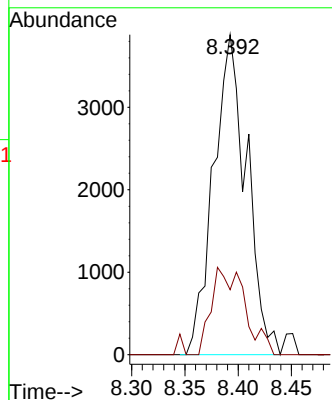
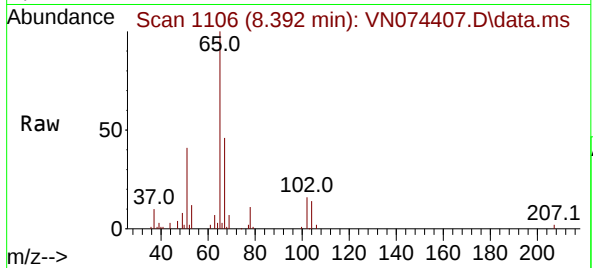
#40
Benzene
Concen: 0.532 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Tgt Ion: 78 Resp: 841
Ion Ratio Lower Upper
78 100
77 20.3 20.6 31.0

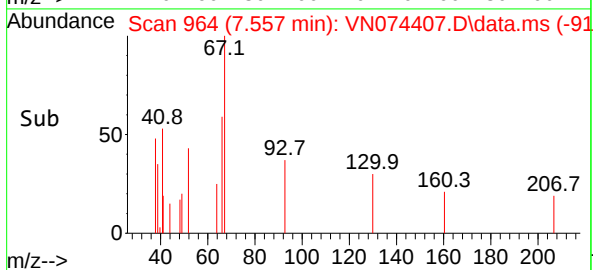
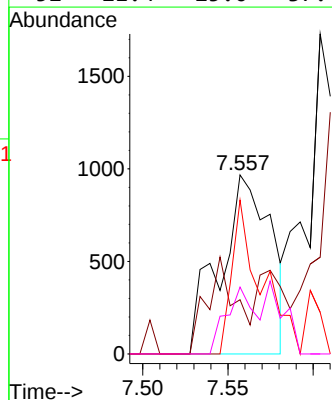
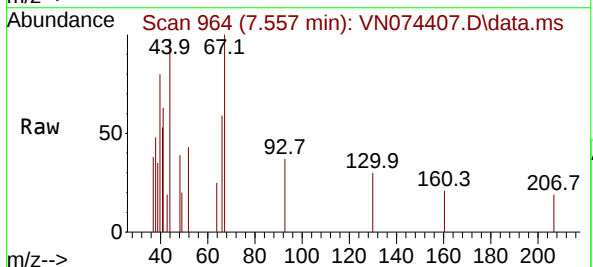
Manual Integrations
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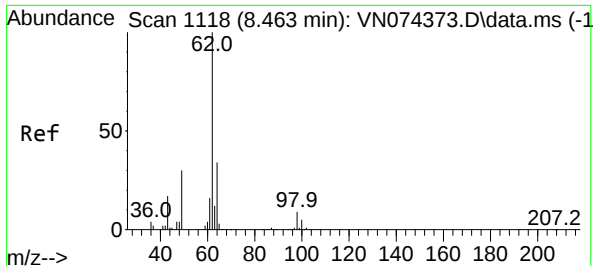
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#41
Methacrylonitrile
Concen: 0.537 ug/l
RT: 7.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Tgt Ion: 41 Resp: 1997
Ion Ratio Lower Upper
41 100
39 31.5 39.2 58.8#
67 50.3 53.6 80.4#
52 21.4 25.0 37.4#





#42

1,2-Dichloroethane

Concen: 0.581 ug/l

RT: 8.457 min Scan# 1117

Delta R.T. -0.006 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

Instrument :

MSVOA_N

ClientSampleId :

MDL02

Tgt Ion: 62 Resp: 351

Ion Ratio Lower Upper

62 100

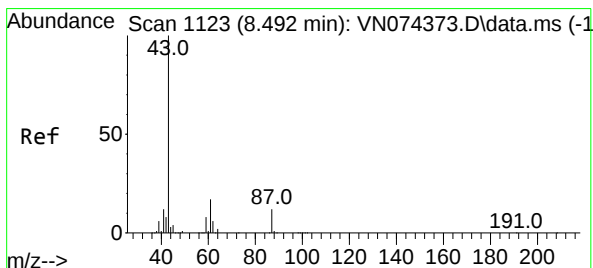
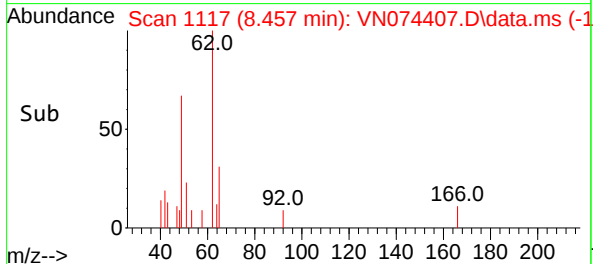
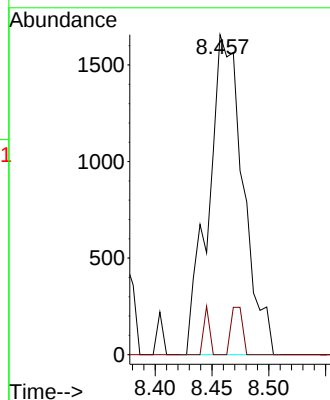
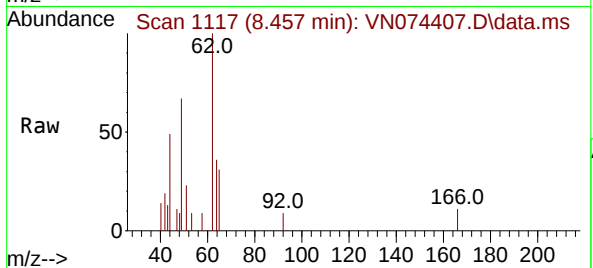
98 2.5 0.0 17.6

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#43

Isopropyl Acetate

Concen: 0.498 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

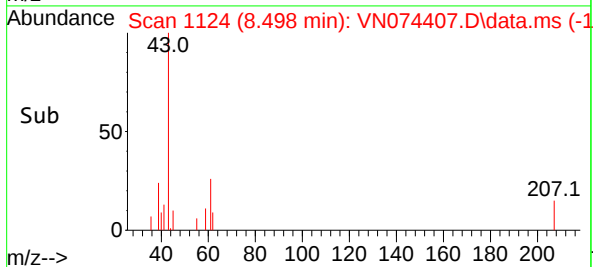
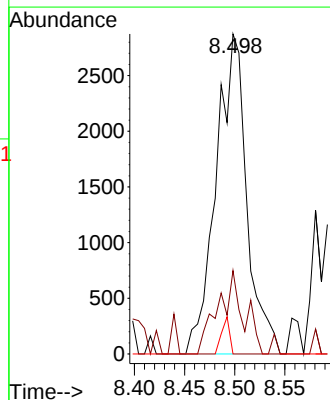
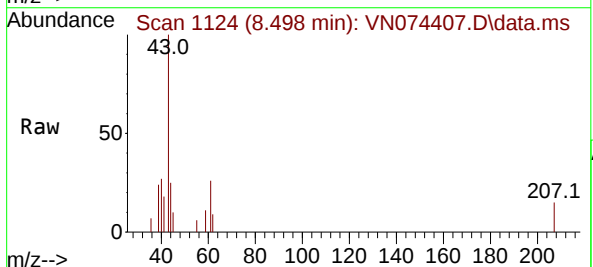
Tgt Ion: 43 Resp: 6101

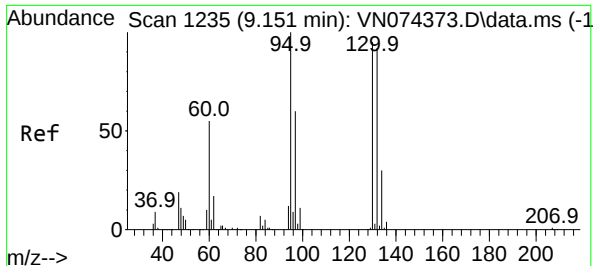
Ion Ratio Lower Upper

43 100

61 21.9 18.6 27.8

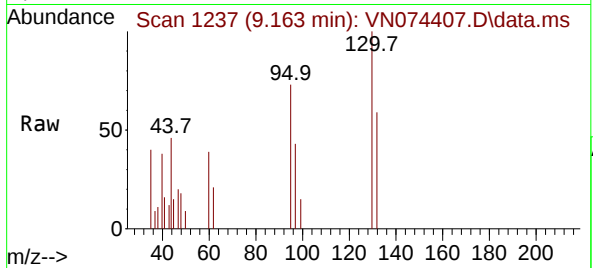
87 3.0 9.4 14.2#





#44
Trichloroethene
Concen: 0.887 ug/l
RT: 9.163 min Scan# 1237
Delta R.T. 0.012 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

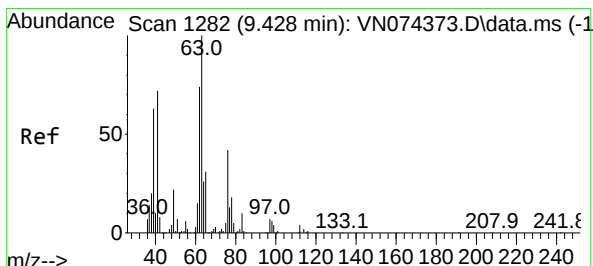
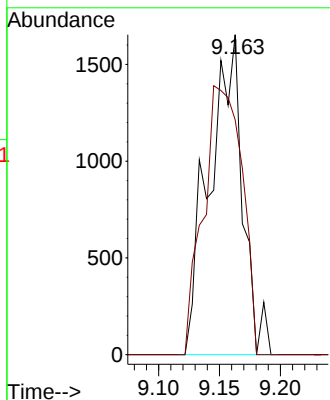
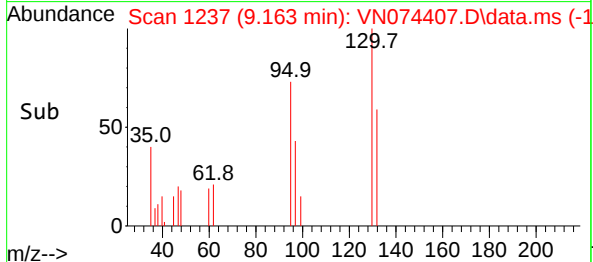
Instrument :
MSVOA_N
ClientSampleId :
MDL02



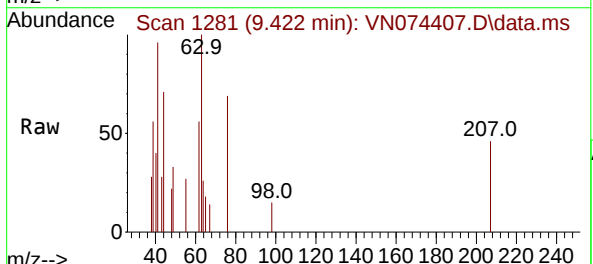
Tgt Ion: 130 Resp: 314
Ion Ratio Lower Upper
130 100
95 73.4 0.0 210.0

Manual Integrations
APPROVED

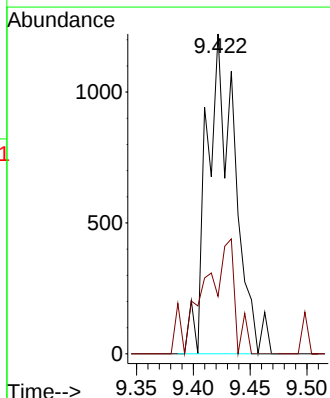
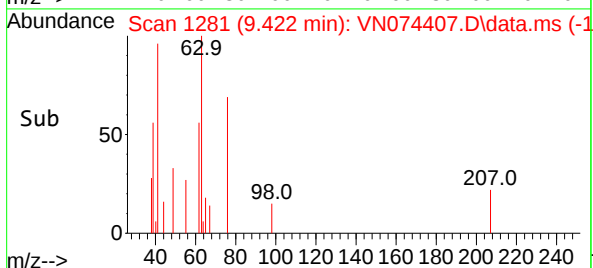
Reviewed By : John Carlone 09/14/2022
Supervised By : Mahesh Dadoda 09/14/2022

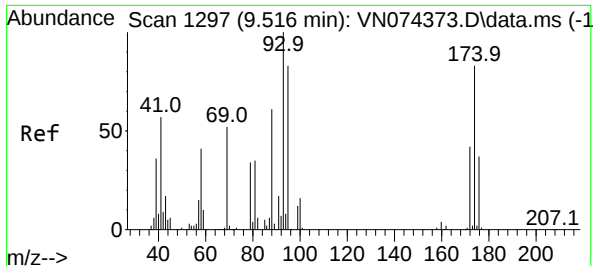


#45
1,2-Dichloropropane
Concen: 0.501 ug/l
RT: 9.422 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22



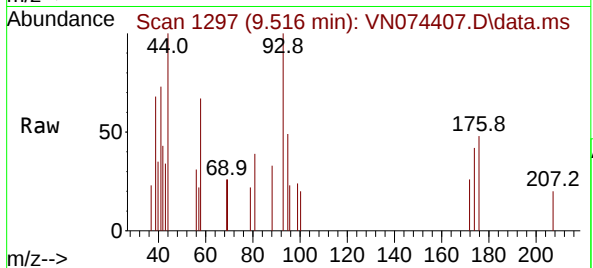
Tgt Ion: 63 Resp: 2105
Ion Ratio Lower Upper
63 100
65 18.0 24.6 36.8#





#46
Dibromomethane
Concen: 0.520 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

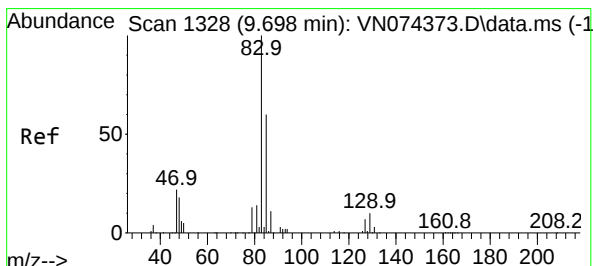
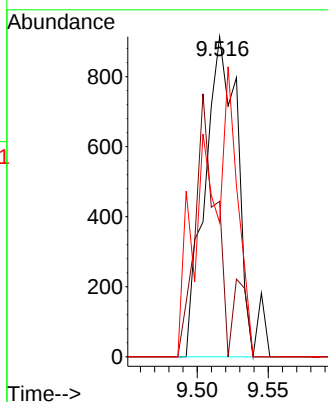
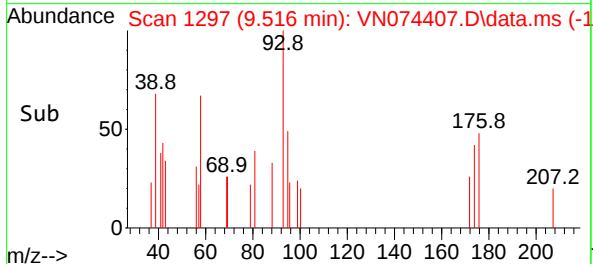
Instrument :
MSVOA_N
ClientSampleId :
MDL02



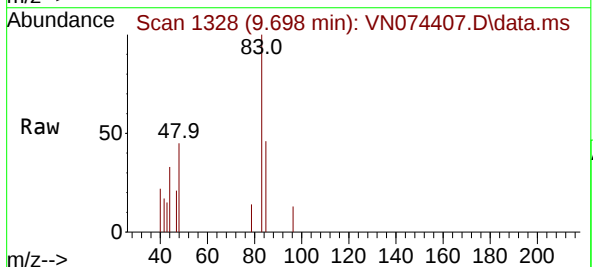
Tgt Ion: 93 Resp: 1498
Ion Ratio Lower Upper
93 100
95 59.5 67.5 101.3#
174 88.3 67.2 100.8

Manual Integrations
APPROVED

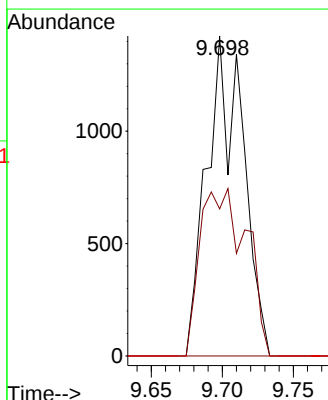
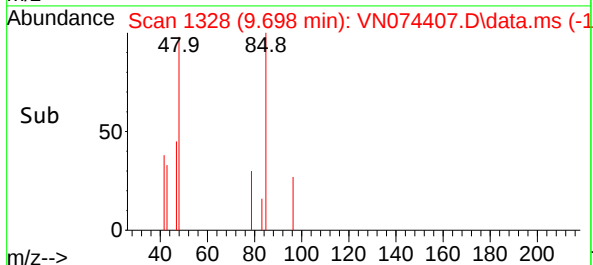
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

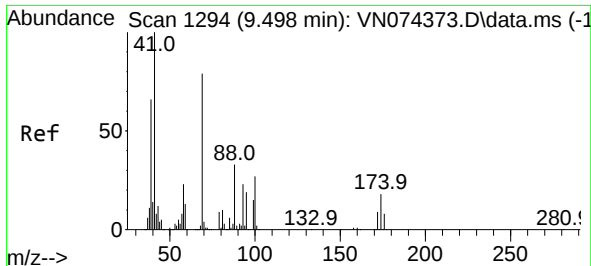


#47
Bromodichloromethane
Concen: 0.438 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22



Tgt Ion: 83 Resp: 2512
Ion Ratio Lower Upper
83 100
85 45.9 47.7 71.5#
127 0.0 5.4 8.2#





#48

Methyl methacrylate

Concen: 0.552 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

Instrument :

MSVOA_N

ClientSampleId :

MDL02

Tgt Ion: 41 Resp: 2980

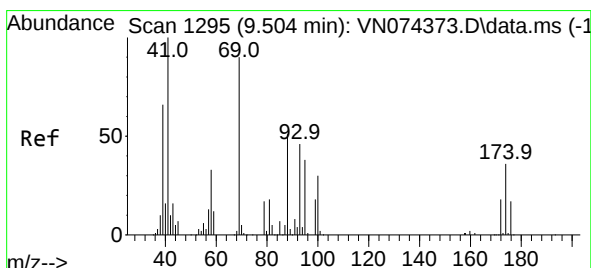
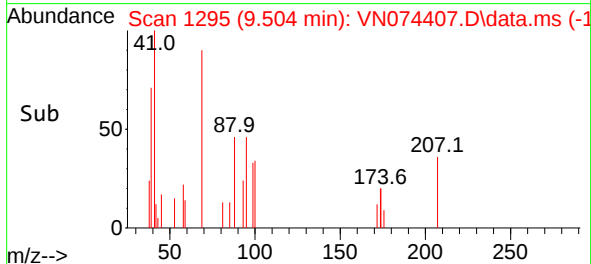
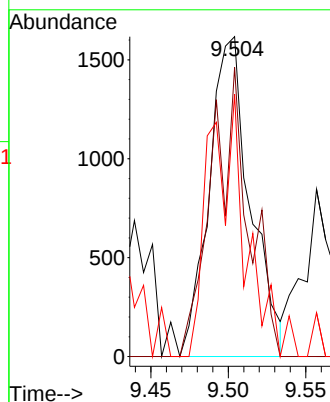
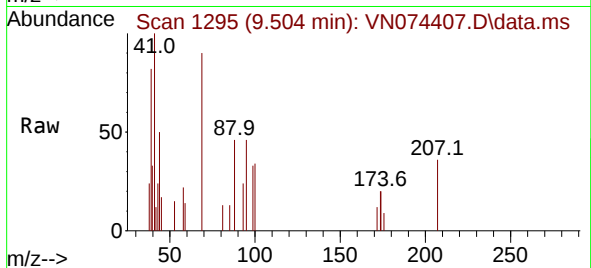
Ion	Ratio	Lower	Upper
41	100		
69	81.5	67.6	101.4
39	74.4	58.2	87.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#49

1,4-Dioxane

Concen: 12.419 ug/l

RT: 9.510 min Scan# 1296

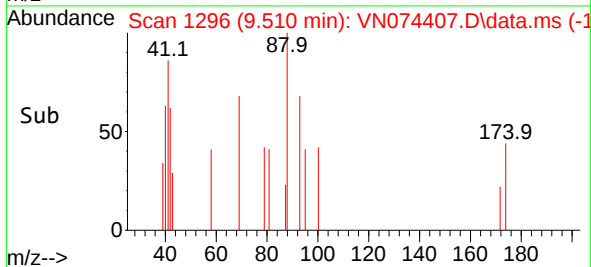
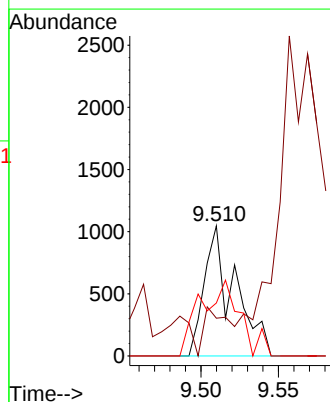
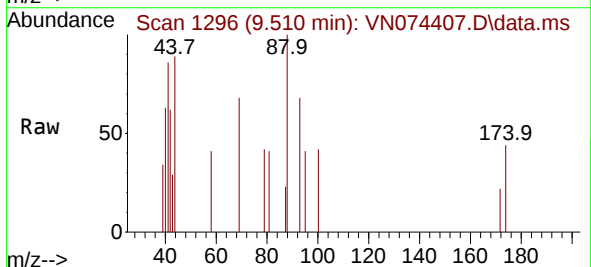
Delta R.T. 0.006 min

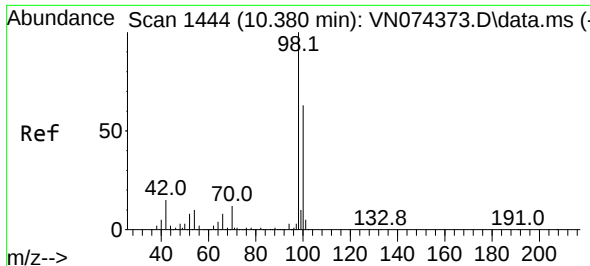
Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

Tgt Ion: 88 Resp: 1414

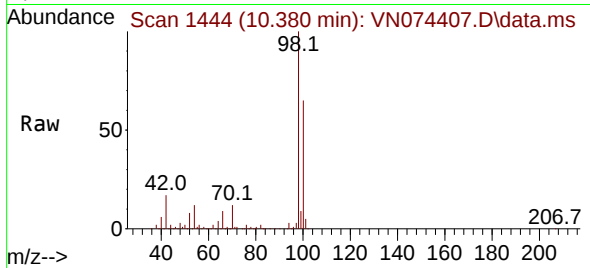
Ion	Ratio	Lower	Upper
88	100		
43	31.2	26.9	40.3
58	77.2	52.7	79.1





#50
Toluene-d8
Concen: 47.223 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

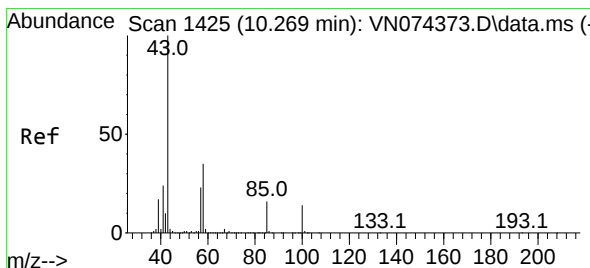
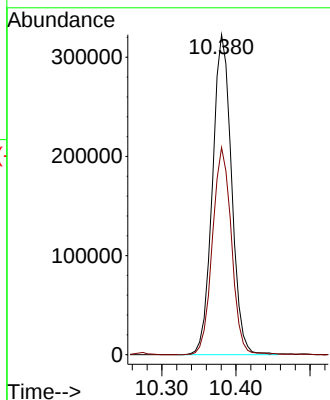
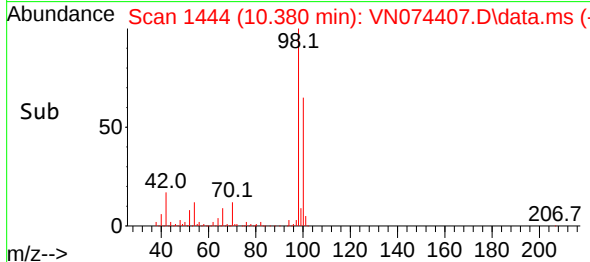
Instrument :
MSVOA_N
ClientSampleId :
MDL02



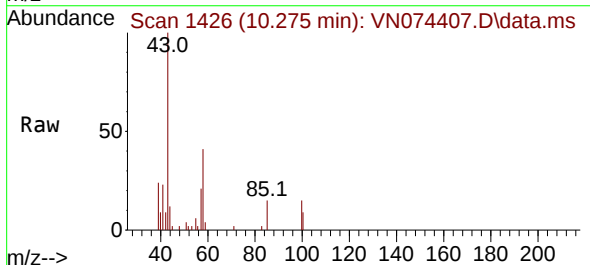
Tgt Ion: 98 Resp: 577190
Ion Ratio Lower Upper
98 100
100 64.6 50.6 76.0

Manual Integrations
APPROVED

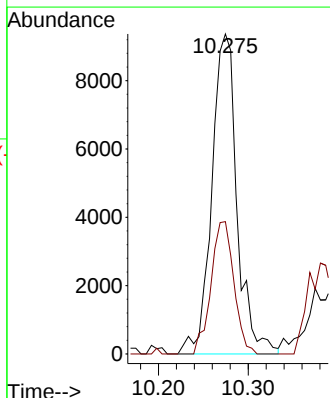
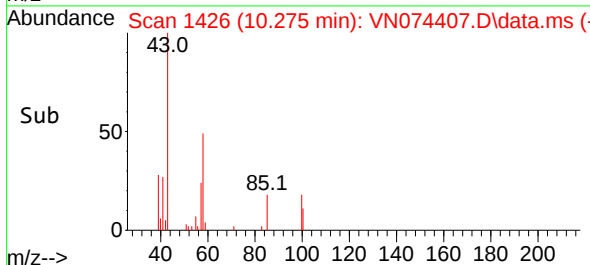
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

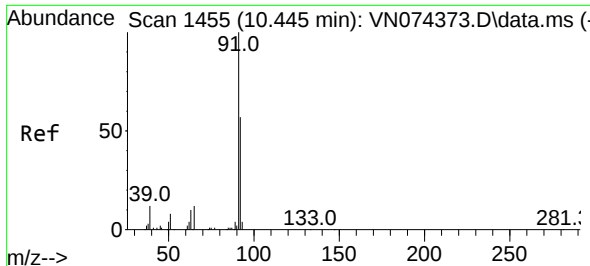


#51
4-Methyl-2-Pentanone
Concen: 2.286 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22



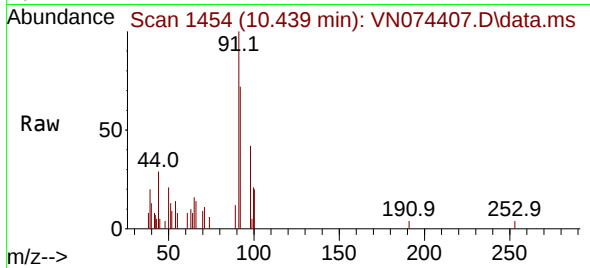
Tgt Ion: 43 Resp: 18325
Ion Ratio Lower Upper
43 100
58 37.4 29.0 43.6





#52
Toluene
Concen: 0.453 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

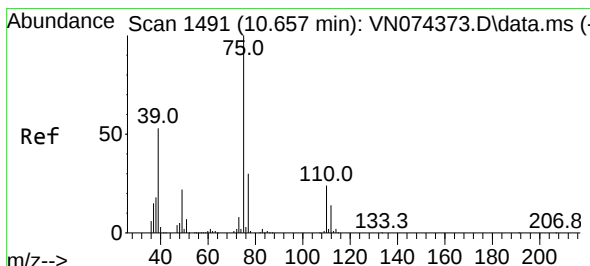
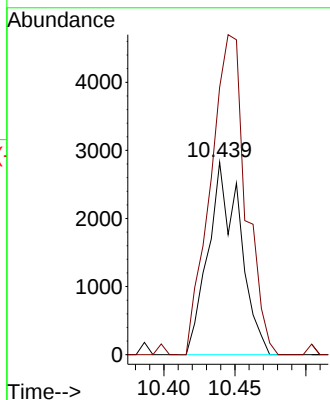
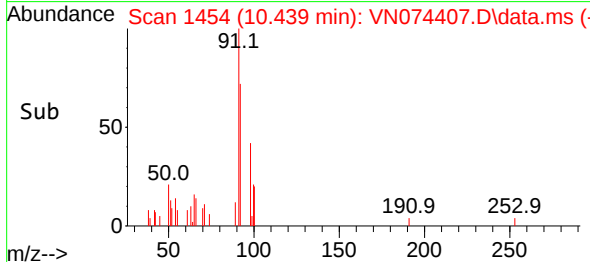
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 92 Resp: 4430
Ion Ratio Lower Upper
92 100
91 184.5 139.8 209.6

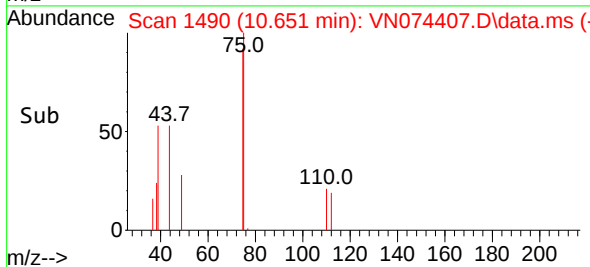
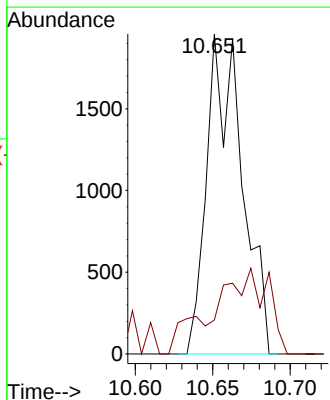
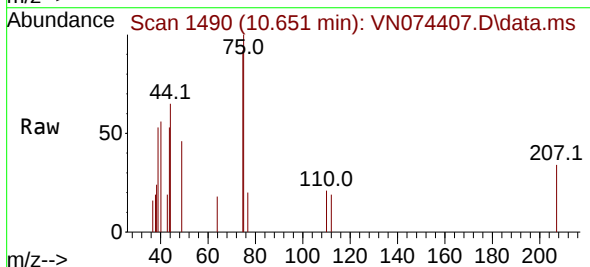
Manual Integrations
APPROVED

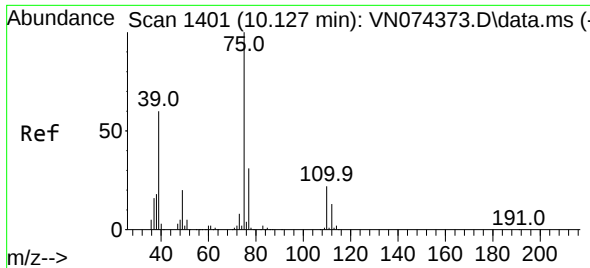
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#53
t-1,3-Dichloropropene
Concen: 0.488 ug/l
RT: 10.651 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

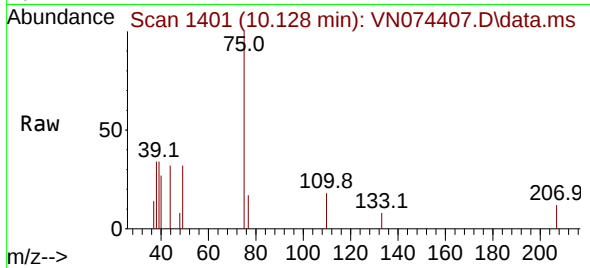
Tgt Ion: 75 Resp: 3084
Ion Ratio Lower Upper
75 100
77 2.9 23.9 35.9#





#54
cis-1,3-Dichloropropene
Concen: 0.474 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

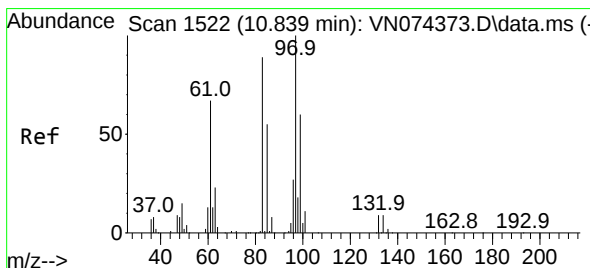
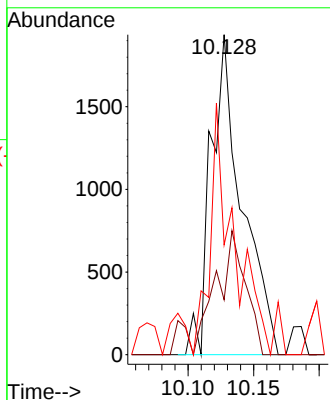
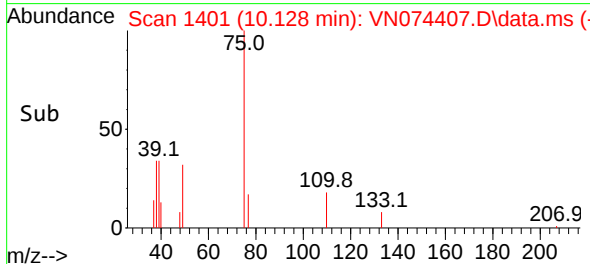
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 75 Resp: 3198
Ion Ratio Lower Upper
75 100
77 17.1 24.5 36.7
39 21.3 48.0 72.0

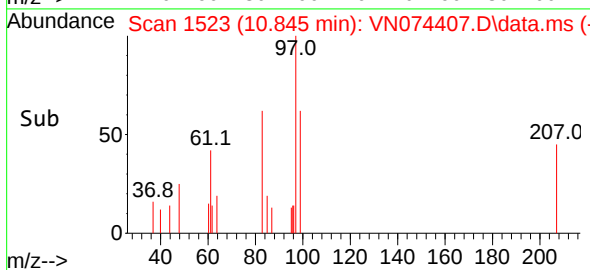
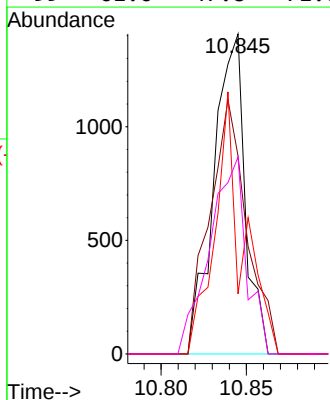
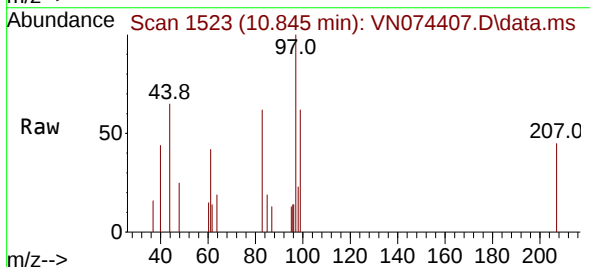
Manual Integrations
APPROVED

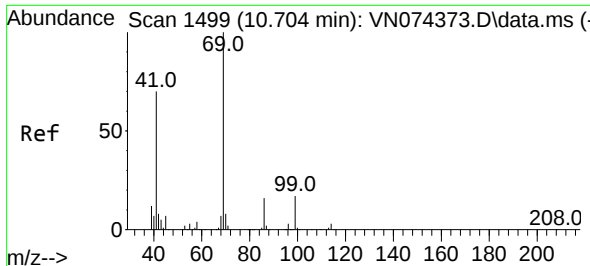
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#55
1,1,2-Trichloroethane
Concen: 0.445 ug/l
RT: 10.845 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

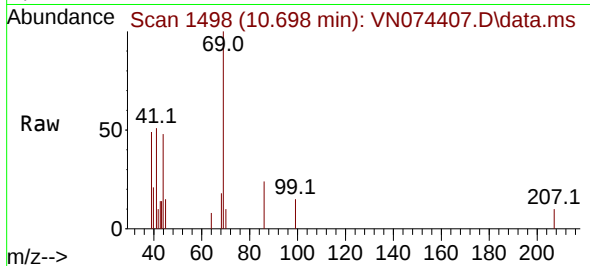
Tgt Ion: 97 Resp: 1795
Ion Ratio Lower Upper
97 100
83 61.9 70.8 106.2#
85 18.8 44.1 66.1#
99 61.6 47.8 71.6





#56
Ethyl methacrylate
Concen: 0.432 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

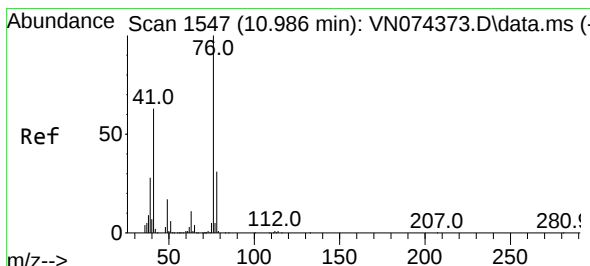
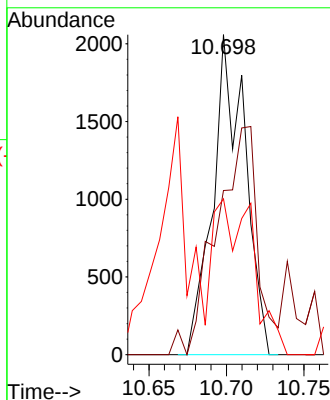
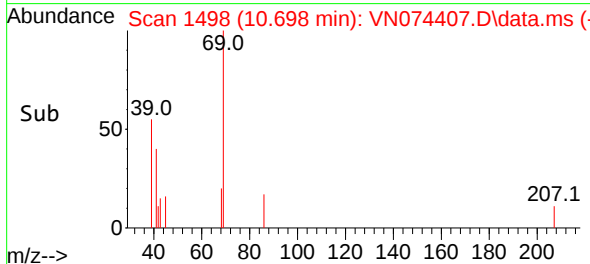
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 69 Resp: 2962
Ion Ratio Lower Upper
69 100
41 91.7 56.6 85.0
39 60.5 37.4 56.2

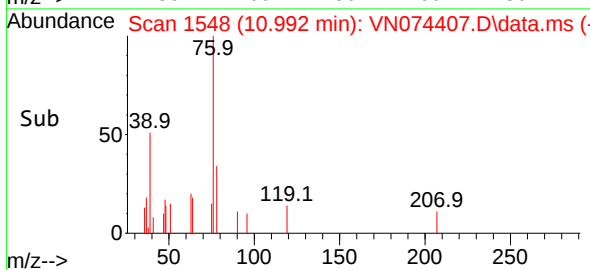
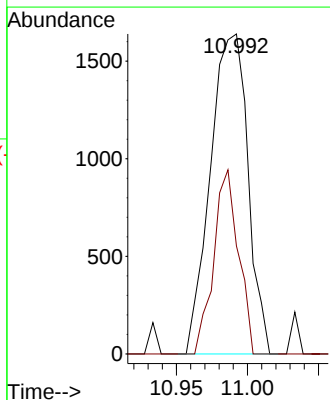
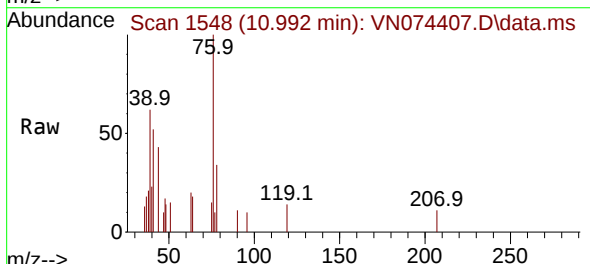
Manual Integrations
APPROVED

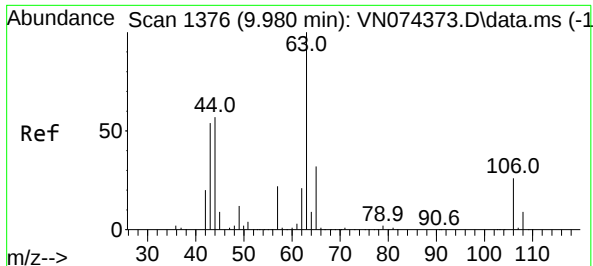
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#57
1,3-Dichloropropane
Concen: 0.428 ug/l
RT: 10.992 min Scan# 1548
Delta R.T. 0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Tgt Ion: 76 Resp: 3020
Ion Ratio Lower Upper
76 100
78 37.7 25.0 37.4





#58

2-Chloroethyl Vinyl ether

Concen: 2.208 ug/l

RT: 9.975 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

Instrument :

MSVOA_N

ClientSampleId :

MDL02

Tgt Ion: 63 Resp: 7040

Ion Ratio Lower Upper

63 100

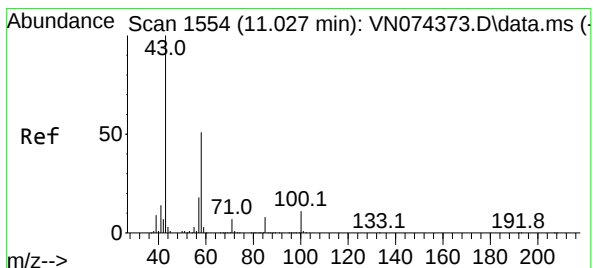
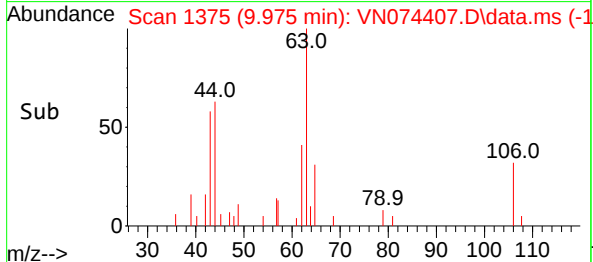
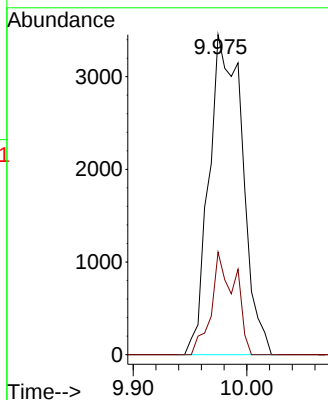
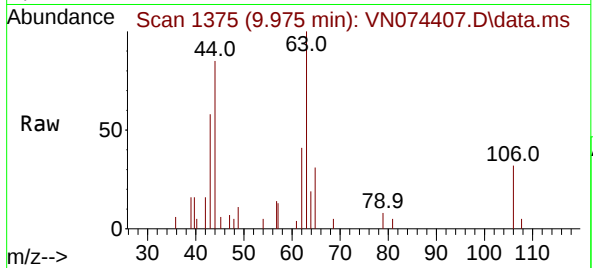
106 22.8 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#59

2-Hexanone

Concen: 2.321 ug/l

RT: 11.027 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VN074407.D

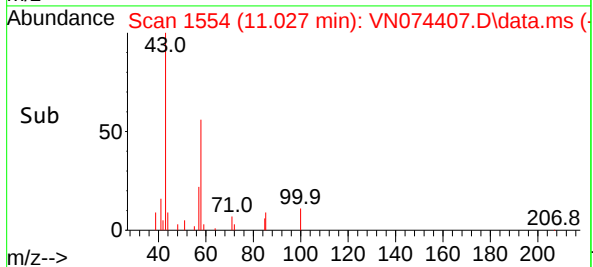
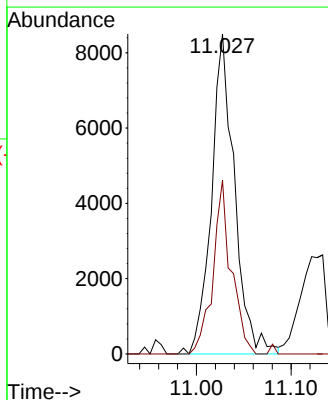
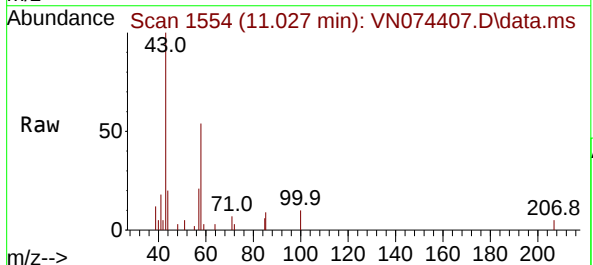
Acq: 12 Sep 2022 12:22

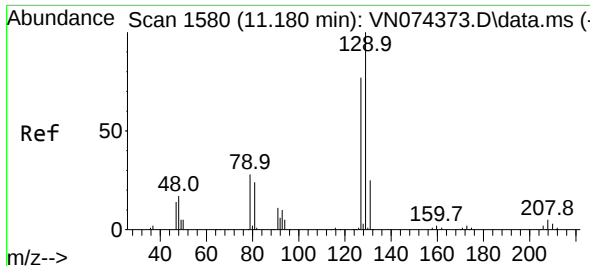
Tgt Ion: 43 Resp: 14362

Ion Ratio Lower Upper

43 100

58 43.1 25.8 77.3





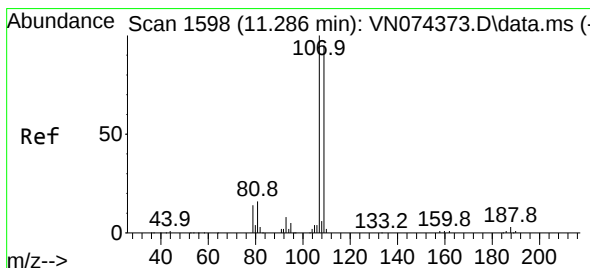
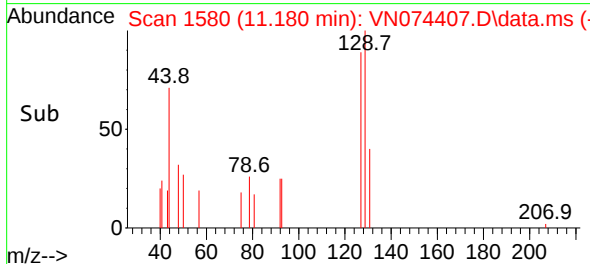
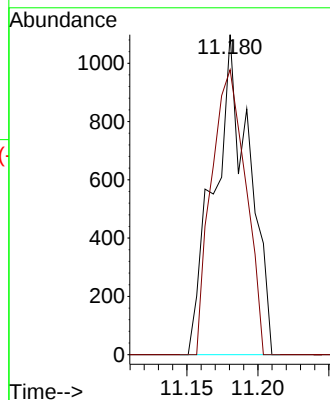
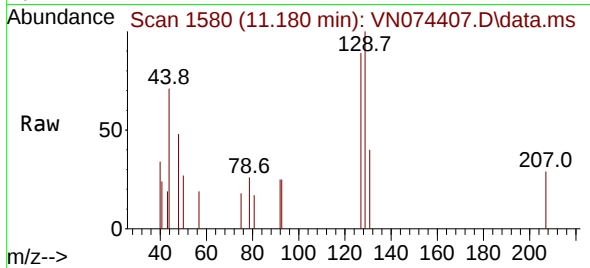
#60
Dibromochloromethane
Concen: 0.463 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Tgt Ion:129 Resp: 189
Ion Ratio Lower Upper
129 100
127 86.6 38.8 116.3

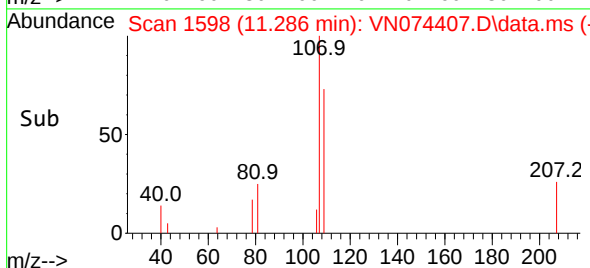
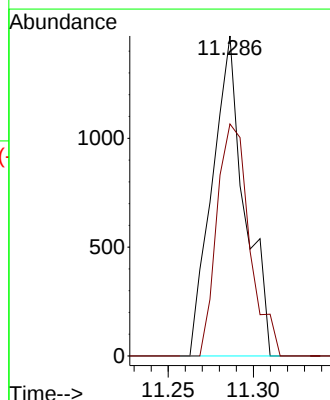
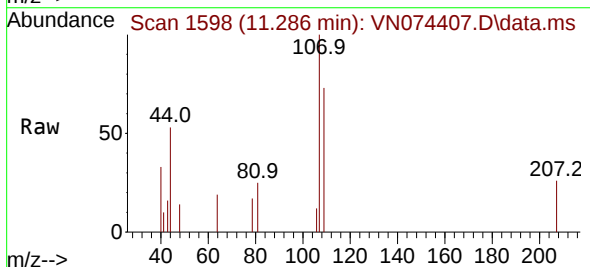
Manual Integrations
APPROVED

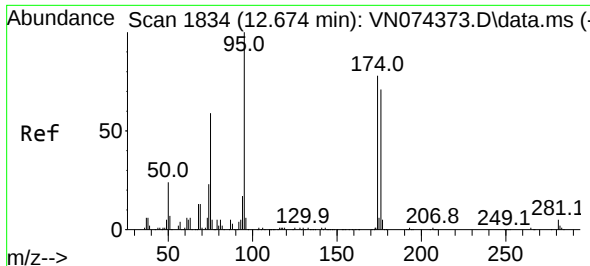
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#61
1,2-Dibromoethane
Concen: 0.468 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

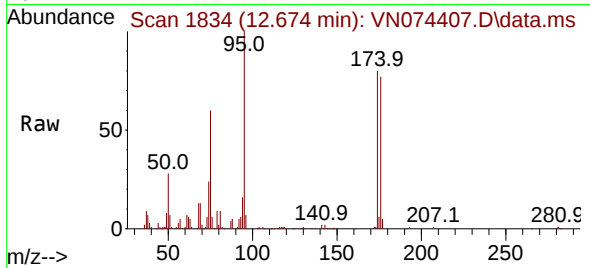
Tgt Ion:107 Resp: 1941
Ion Ratio Lower Upper
107 100
109 73.2 75.0 112.4#





#62
4-Bromofluorobenzene
Concen: 40.159 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

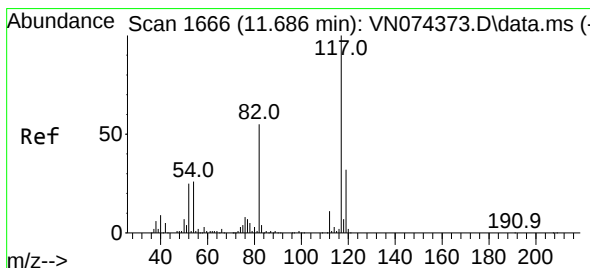
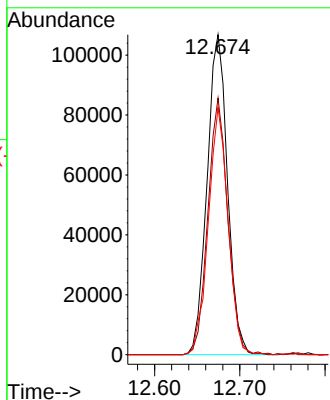
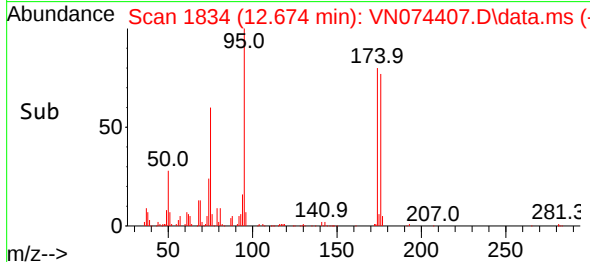
Instrument :
MSVOA_N
ClientSampleId :
MDL02



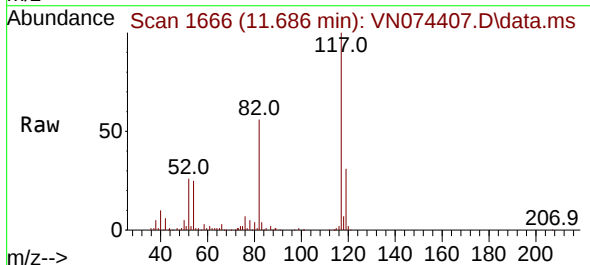
Tgt Ion: 95 Resp: 17821
Ion Ratio Lower Upper
95 100
174 78.1 0.0 150.6
176 74.5 0.0 143.4

Manual Integrations
APPROVED

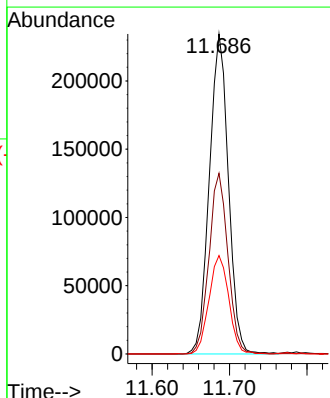
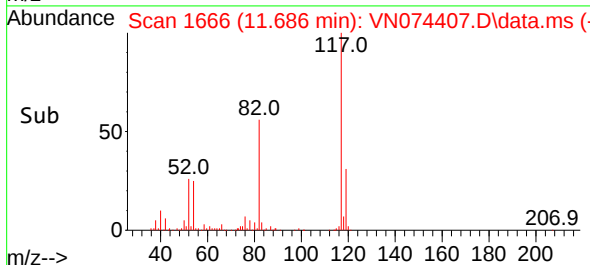
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

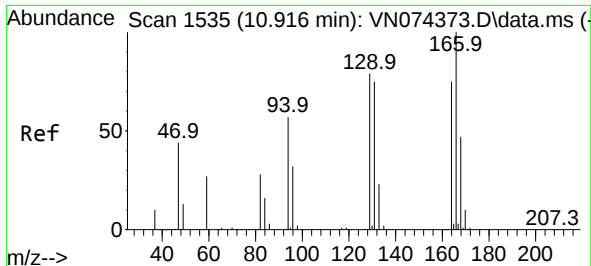


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22



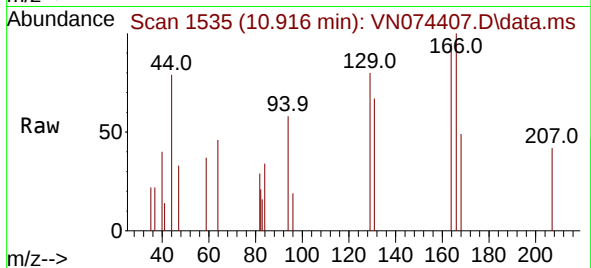
Tgt Ion:117 Resp: 401085
Ion Ratio Lower Upper
117 100
82 56.4 44.3 66.5
119 30.6 25.5 38.3





#64
Tetrachloroethene
Concen: 0.622 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

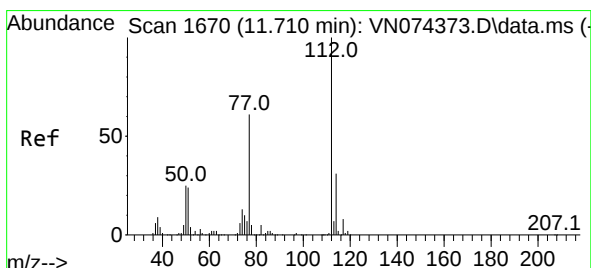
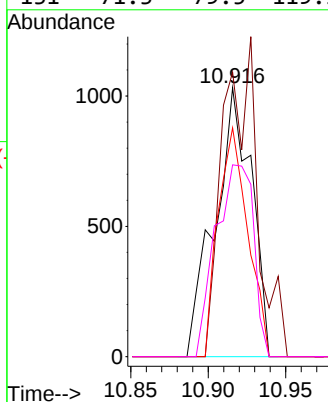
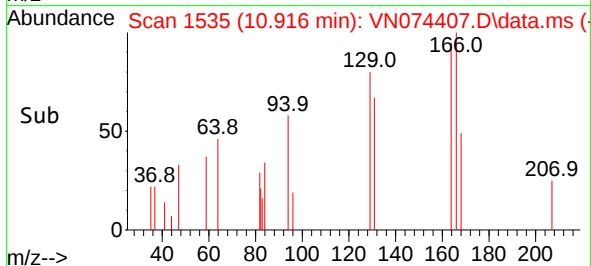
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion:164 Resp: 169
Ion Ratio Lower Upper
164 100
166 105.8 106.6 160.0
129 85.1 84.0 126.0
131 71.3 79.5 119.3#

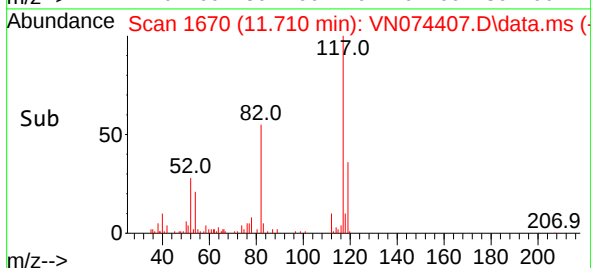
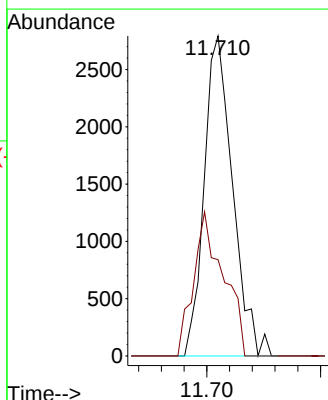
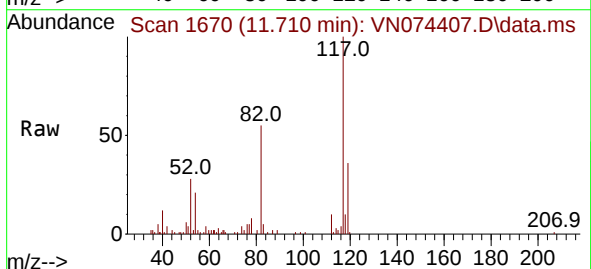
Manual Integrations
APPROVED

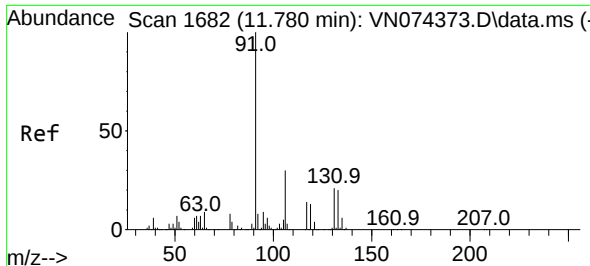
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#65
Chlorobenzene
Concen: 0.502 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

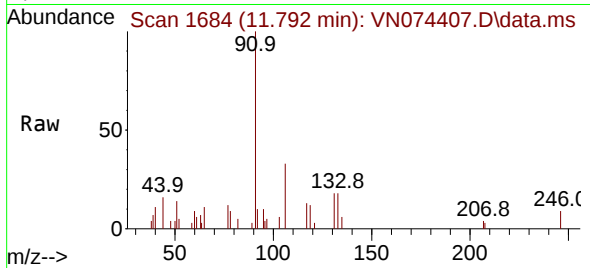
Tgt Ion:112 Resp: 4854
Ion Ratio Lower Upper
112 100
114 30.1 25.1 37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 0.427 ug/l
RT: 11.792 min Scan# 1684
Delta R.T. 0.012 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

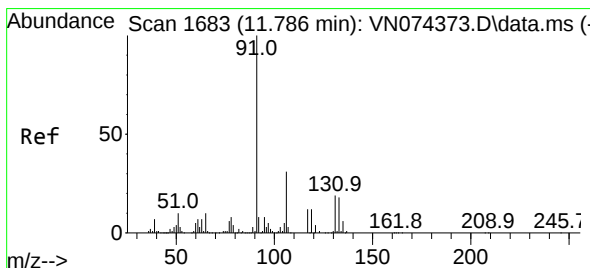
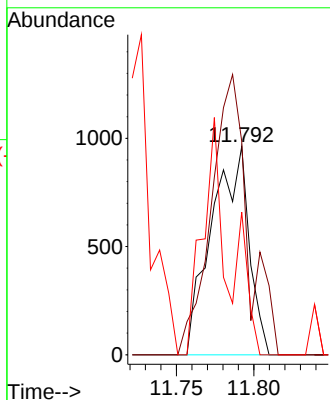
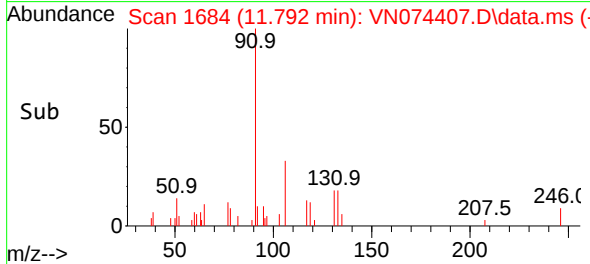
Instrument :
MSVOA_N
ClientSampleId :
MDL02



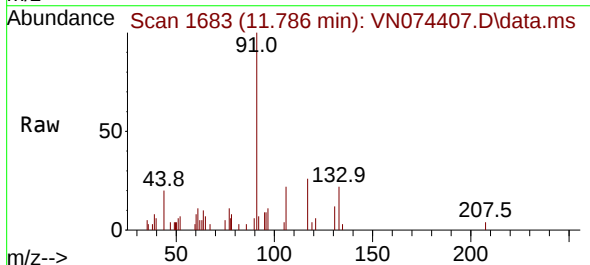
Tgt Ion:131 Resp: 1614
Ion Ratio Lower Upper
131 100
133 131.6 47.3 141.8
119 0.0 33.0 98.9

Manual Integrations
APPROVED

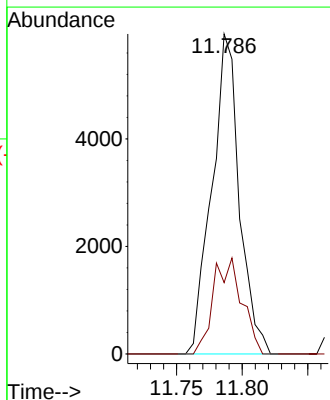
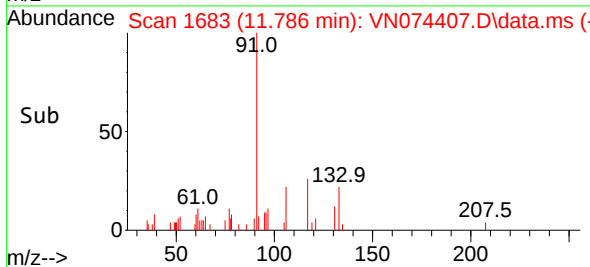
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

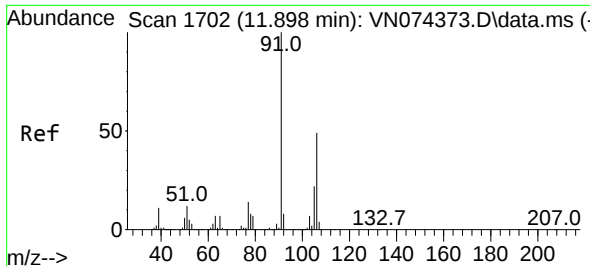


#67
Ethyl Benzene
Concen: 0.475 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22



Tgt Ion: 91 Resp: 8671
Ion Ratio Lower Upper
91 100
106 22.3 24.5 36.7#





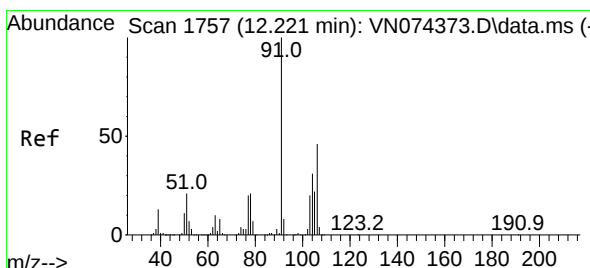
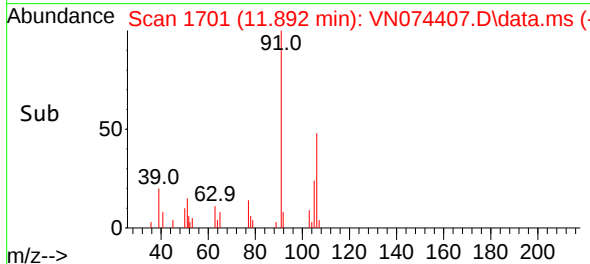
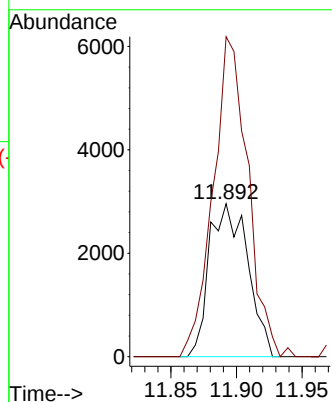
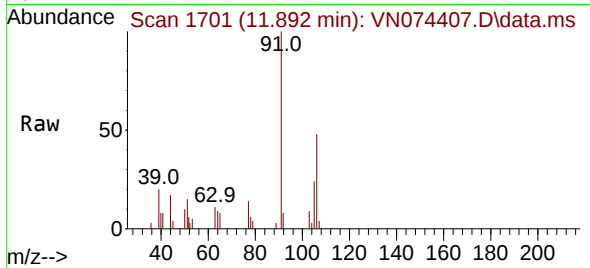
#68
m/p-Xylenes
Concen: 0.879 ug/l
RT: 11.892 min Scan# 1189
Delta R.T. -0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 6034
Ion Ratio Lower Upper
106 100
91 189.1 167.7 251.5

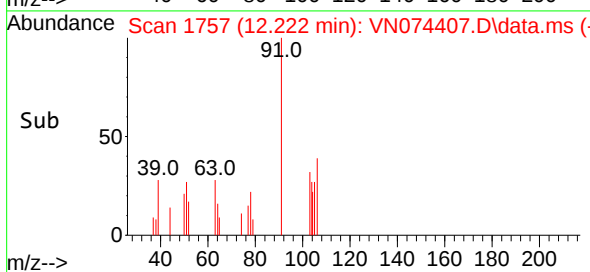
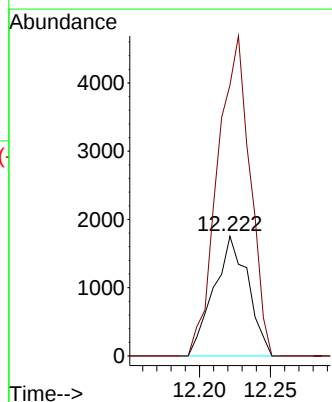
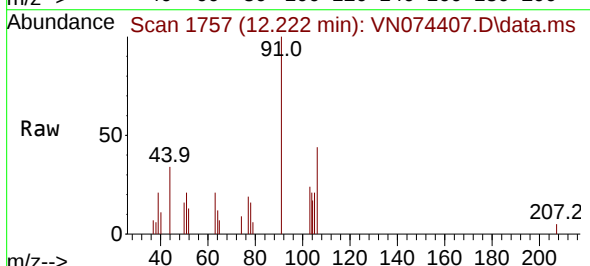
Manual Integrations
APPROVED

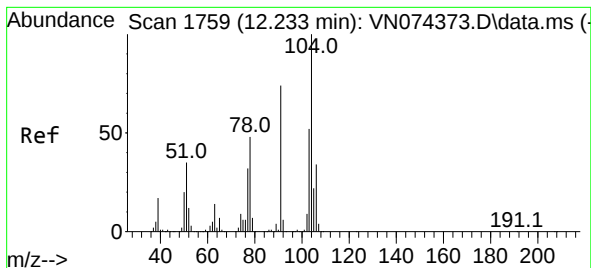
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#69
o-Xylene
Concen: 0.426 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Tgt Ion:106 Resp: 2941
Ion Ratio Lower Upper
106 100
91 253.5 109.4 328.2





#70

Styrene

Concen: 0.413 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

Instrument :

MSVOA_N

ClientSampleId :

MDL02

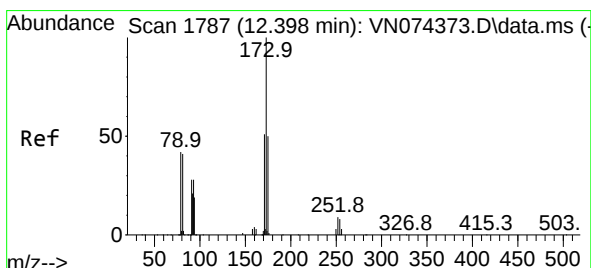
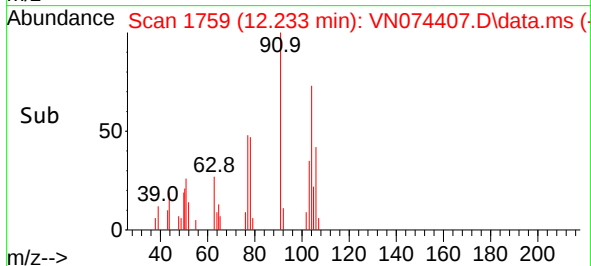
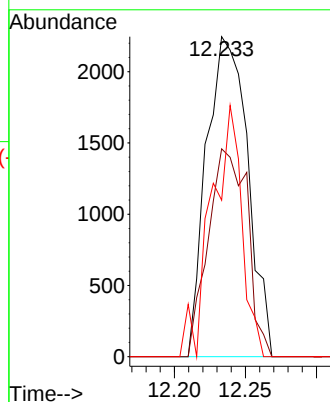
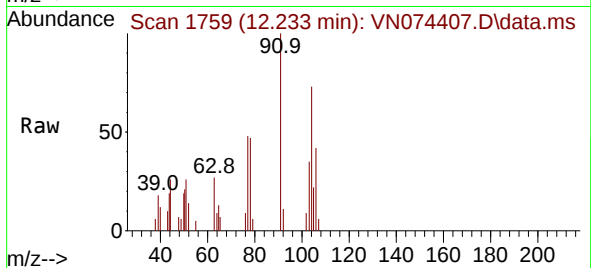
Tgt Ion:	104	Resp:	453
Ion Ratio	Lower	Upper	
104	100		
78	61.7	41.8	62.6
103	58.3	43.4	65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#71

Bromoform

Concen: 0.413 ug/l

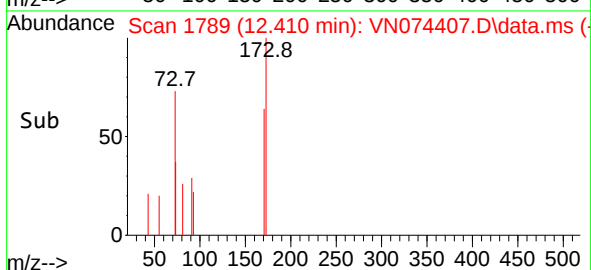
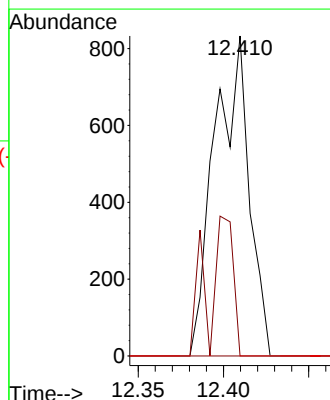
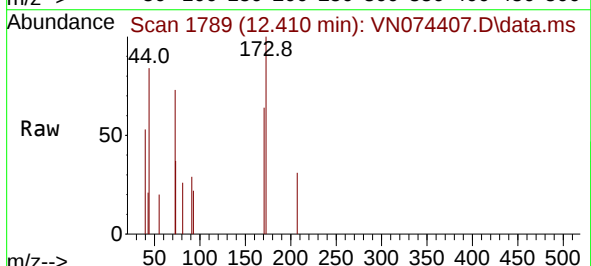
RT: 12.410 min Scan# 1789

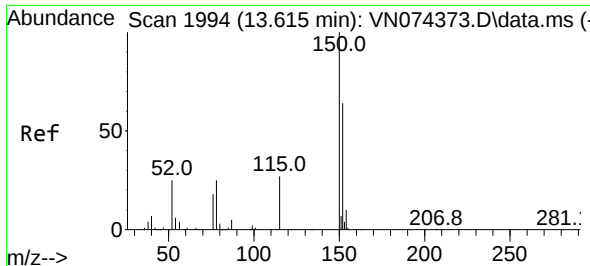
Delta R.T. 0.012 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

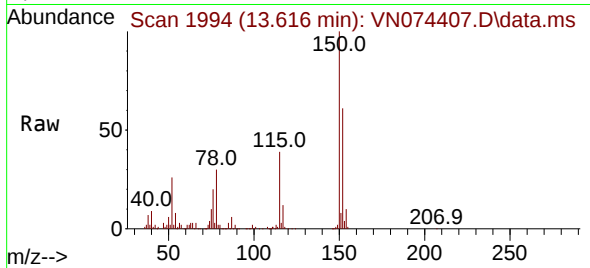
Tgt Ion:	173	Resp:	1169
Ion Ratio	Lower	Upper	
173	100		
175	31.4	24.1	72.3
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

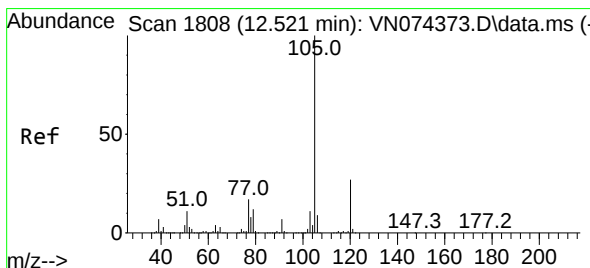
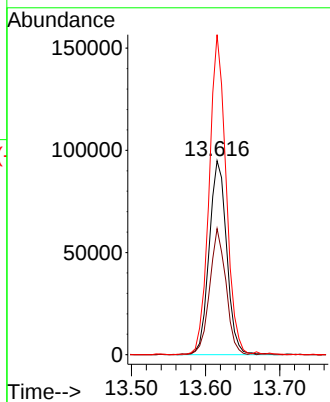
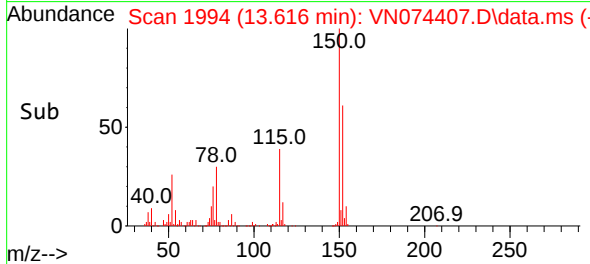
Instrument :
MSVOA_N
ClientSampleId :
MDL02



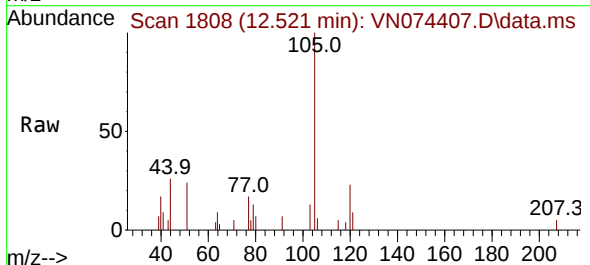
Tgt Ion:152 Resp: 155704
Ion Ratio Lower Upper
152 100
115 60.7 32.0 96.0
150 159.1 0.0 359.6

Manual Integrations
APPROVED

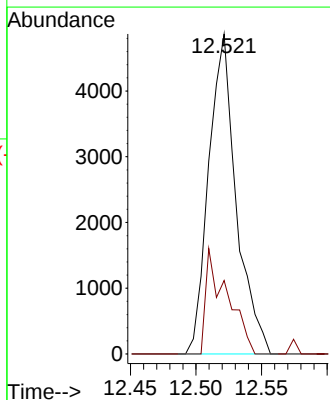
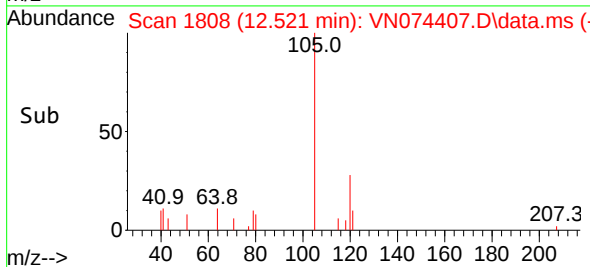
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

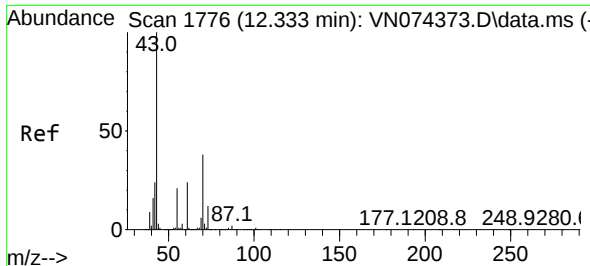


#73
Isopropylbenzene
Concen: 0.474 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22



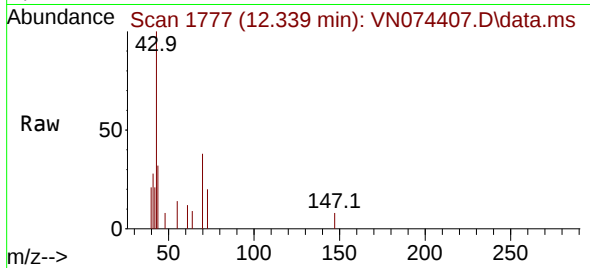
Tgt Ion:105 Resp: 7098
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1





#74
N-amy1 acetate
Concen: 0.600 ug/l
RT: 12.339 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

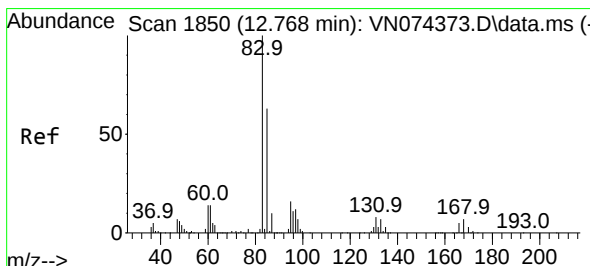
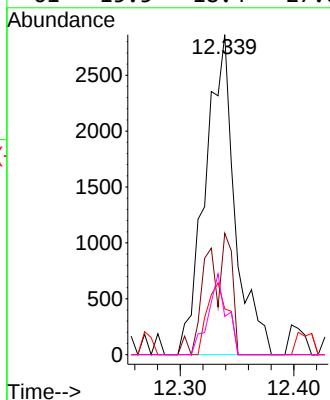
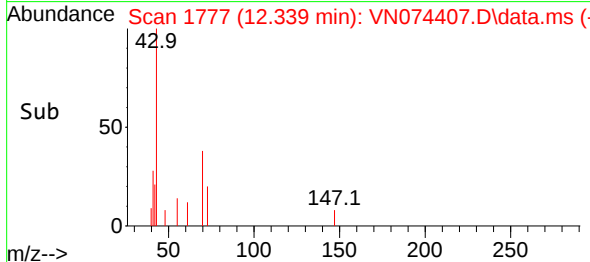
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 5223
Ion Ratio Lower Upper
43 100
70 18.2 31.4 47.0#
55 15.6 17.0 25.6#
61 15.5 18.4 27.6#

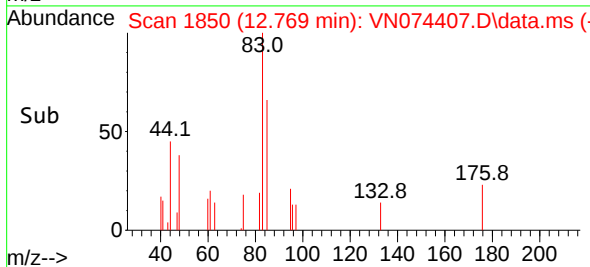
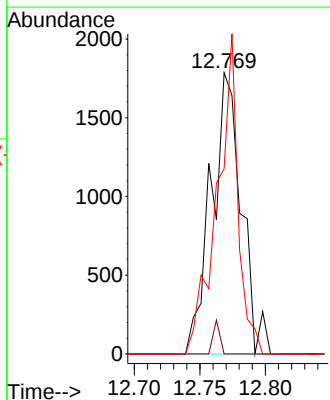
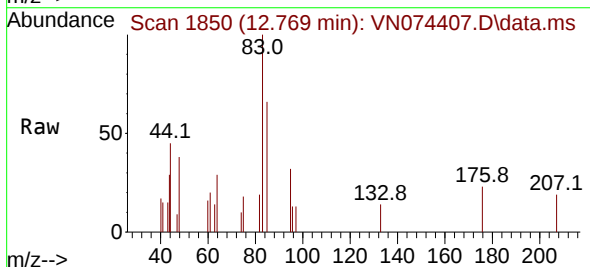
Manual Integrations
APPROVED

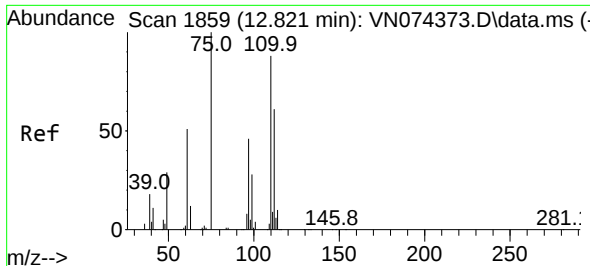
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#75
1,1,2,2-Tetrachloroethane
Concen: 0.506 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

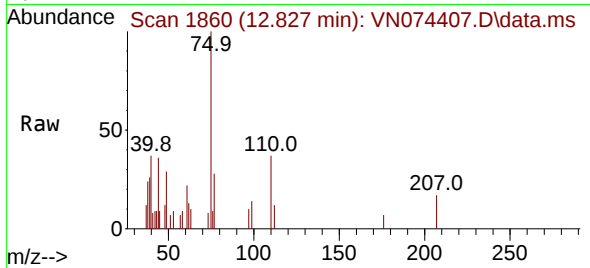
Tgt Ion: 83 Resp: 2847
Ion Ratio Lower Upper
83 100
131 2.7 4.5 13.7#
85 79.3 32.3 96.8





#76
1,2,3-Trichloropropane
Concen: 0.560 ug/l m
RT: 12.827 min Scan# 1860
Delta R.T. 0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

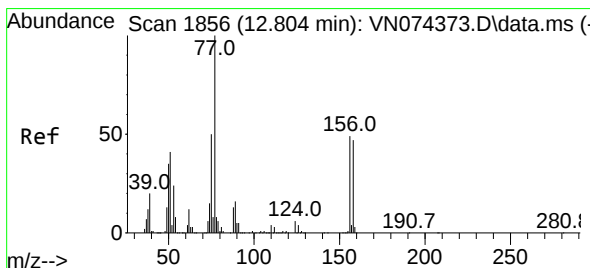
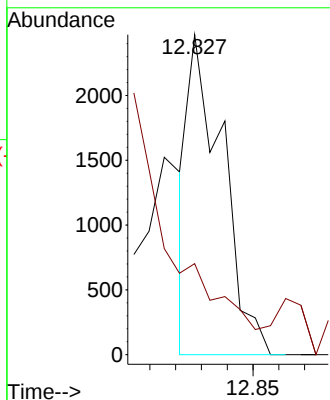
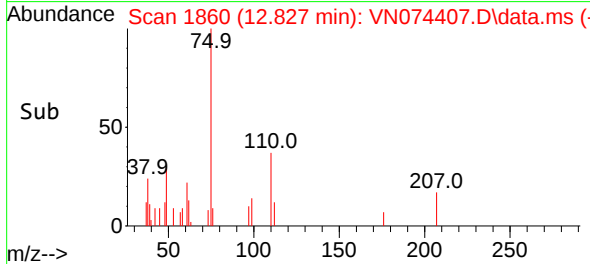
Instrument :
MSVOA_N
ClientSampleId :
MDL02



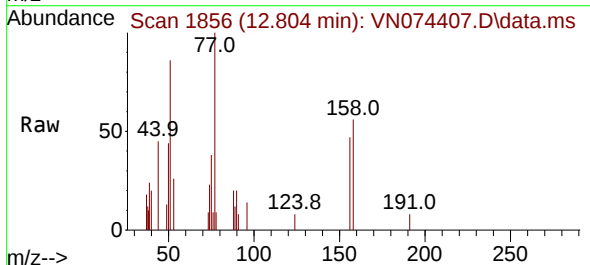
Tgt Ion: 75 Resp: 2279
Ion Ratio Lower Upper
75 100
77 0.0 78.9 236.7

Manual Integrations
APPROVED

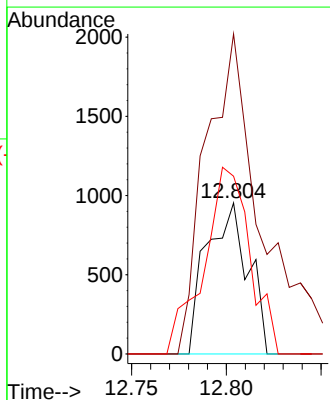
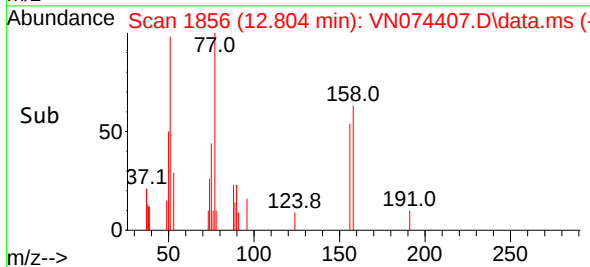
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

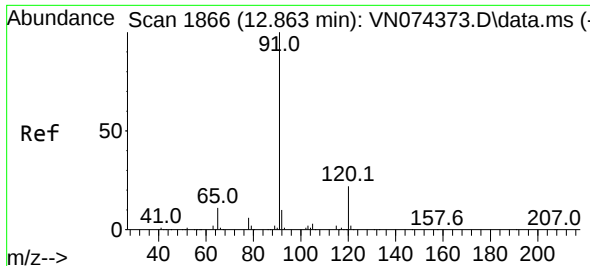


#77
Bromobenzene
Concen: 0.453 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22



Tgt Ion:156 Resp: 1454
Ion Ratio Lower Upper
156 100
77 281.8 124.4 373.1
158 137.0 49.2 147.6





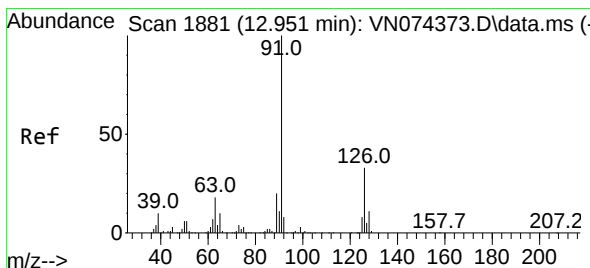
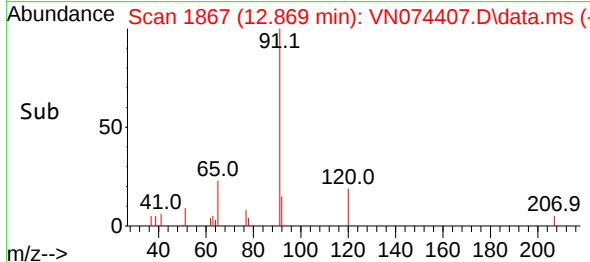
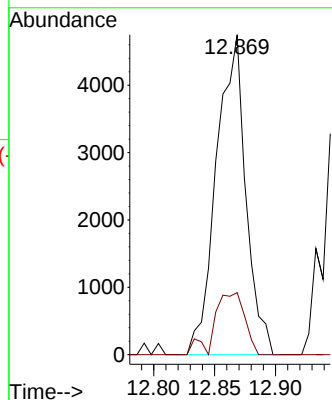
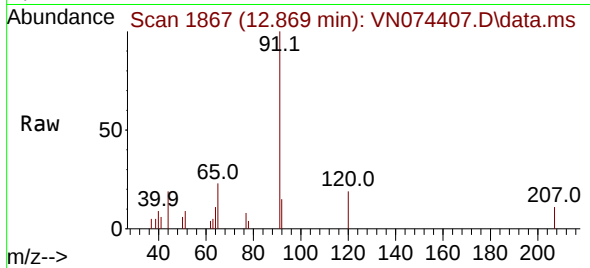
#78
n-propylbenzene
Concen: 0.466 ug/l
RT: 12.869 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 7990
Ion Ratio Lower Upper
91 100
120 20.0 11.1 33.1

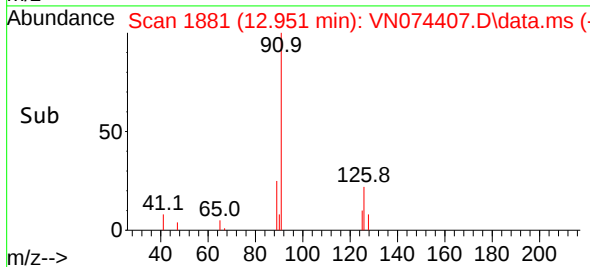
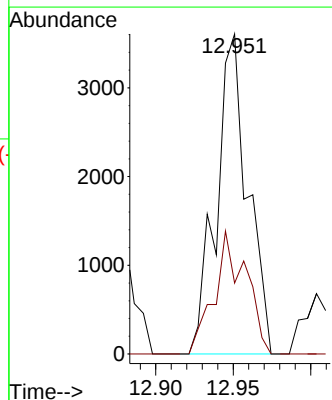
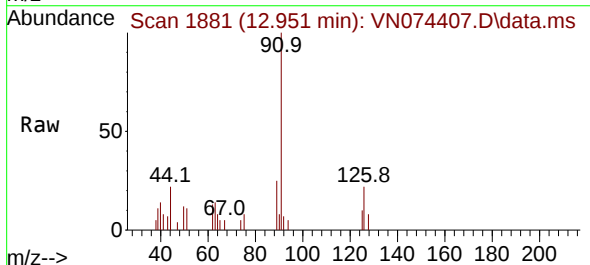
Manual Integrations
APPROVED

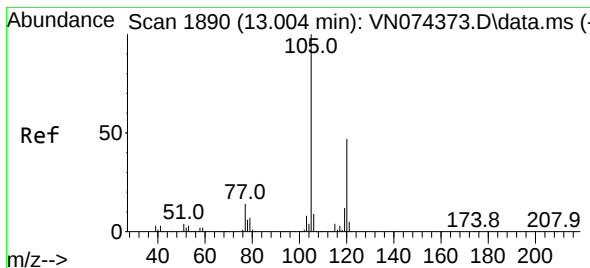
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#79
2-Chlorotoluene
Concen: 0.484 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Tgt Ion: 91 Resp: 5062
Ion Ratio Lower Upper
91 100
126 38.9 16.2 48.5





#80

1,3,5-Trimethylbenzene

Concen: 0.421 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

Instrument :

MSVOA_N

ClientSampleId :

MDL02

Tgt Ion:105 Resp: 522

Ion Ratio Lower Upper

105 100

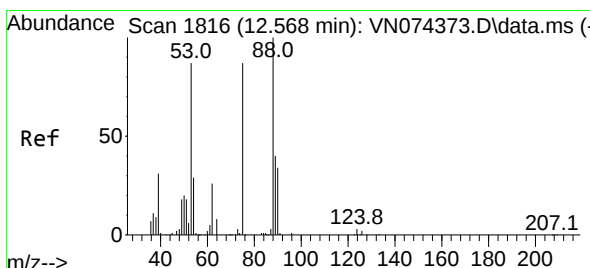
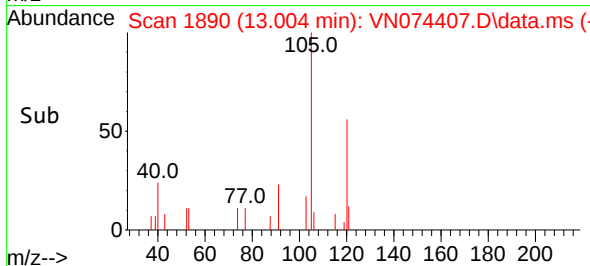
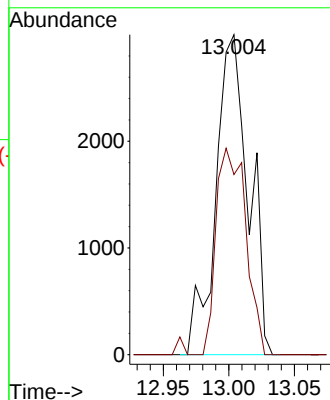
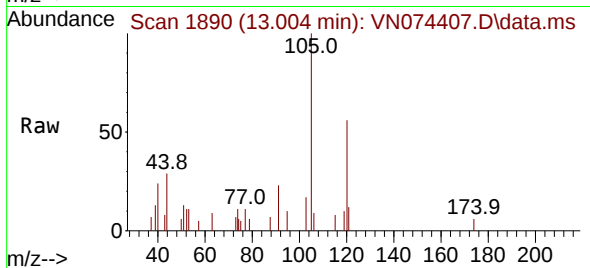
120 58.3 23.8 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#81

trans-1,4-Dichloro-2-butene

Concen: 0.582 ug/l m

RT: 12.563 min Scan# 1815

Delta R.T. -0.006 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

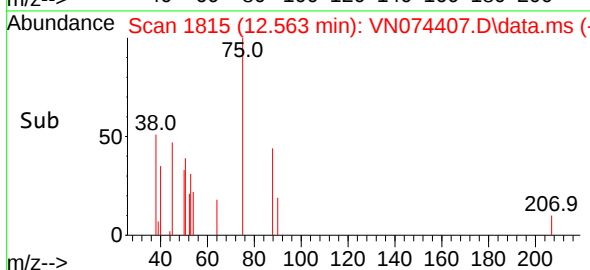
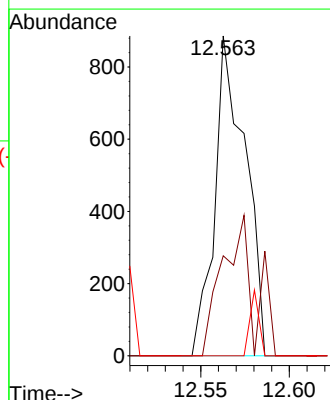
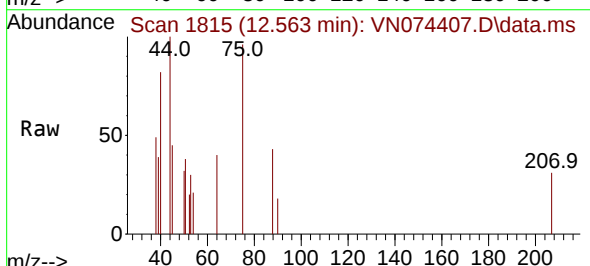
Tgt Ion: 75 Resp: 1063

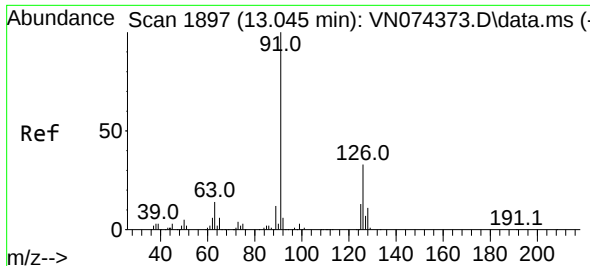
Ion Ratio Lower Upper

75 100

53 0.0 82.2 123.2#

89 0.0 37.7 56.5#





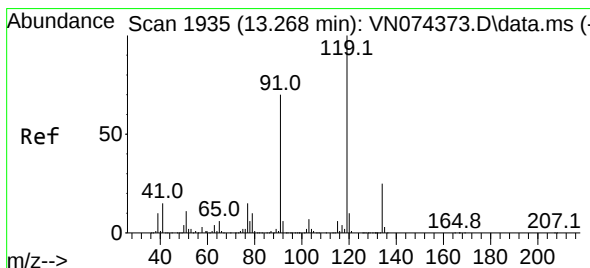
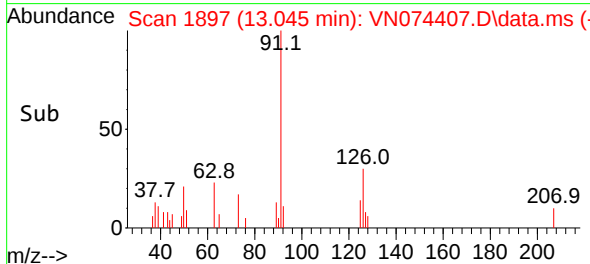
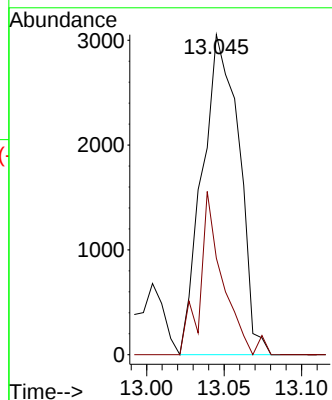
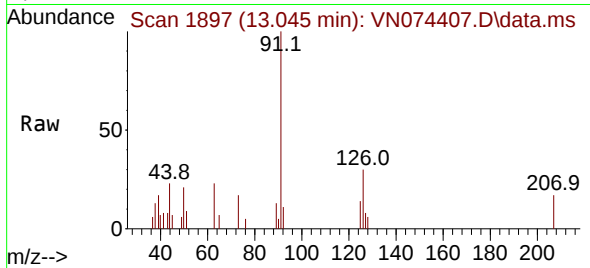
#82
4-Chlorotoluene
Concen: 0.499 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 5029
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.1

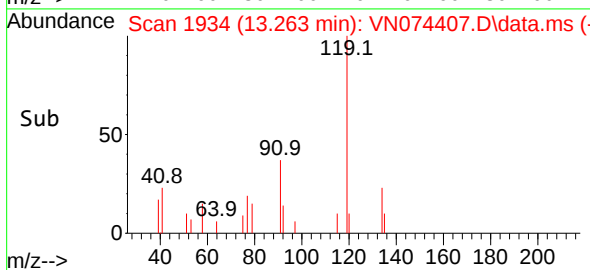
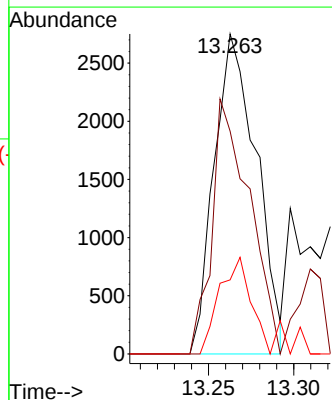
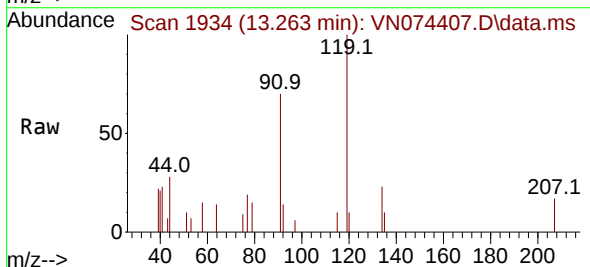
Manual Integrations
APPROVED

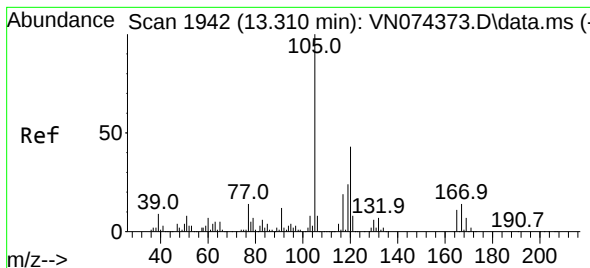
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#83
tert-Butylbenzene
Concen: 0.425 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Tgt Ion:119 Resp: 4747
Ion Ratio Lower Upper
119 100
91 70.8 33.8 101.3
134 22.6 13.1 39.3





#84

1,2,4-Trimethylbenzene

Concen: 0.482 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

Instrument :

MSVOA_N

ClientSampleId :

MDL02

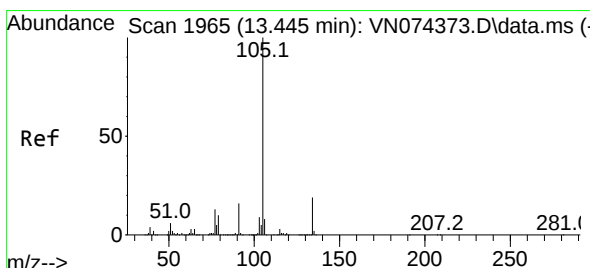
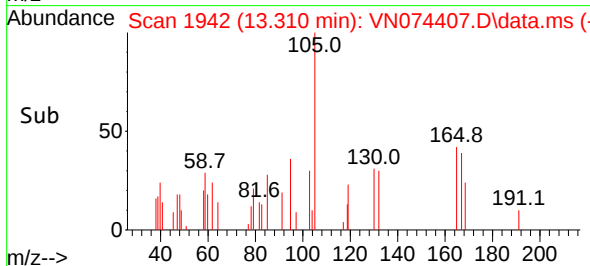
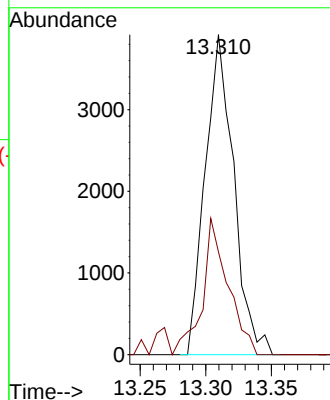
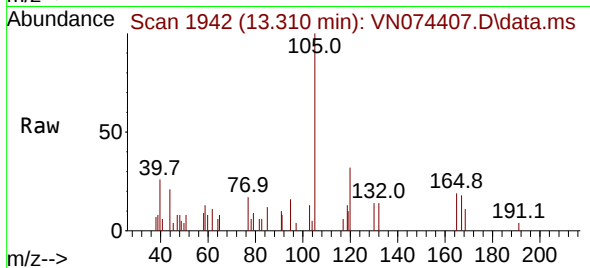
Tgt Ion:105 Resp: 5920
 Ion Ratio Lower Upper
 105 100
 120 38.2 21.9 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#85

sec-Butylbenzene

Concen: 0.359 ug/l

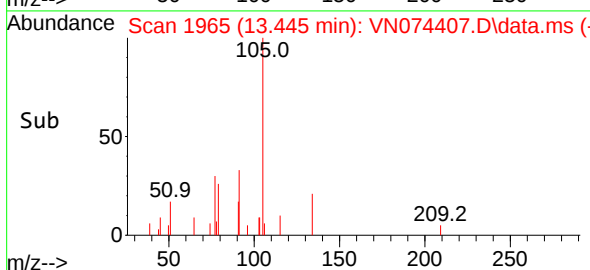
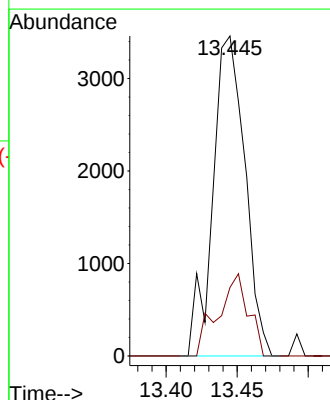
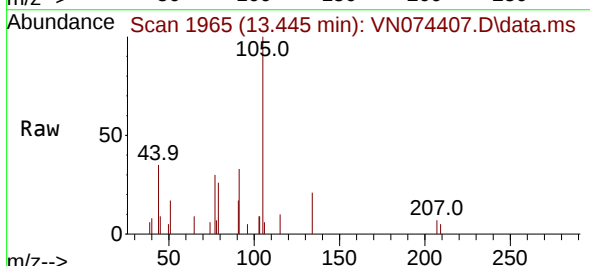
RT: 13.445 min Scan# 1965

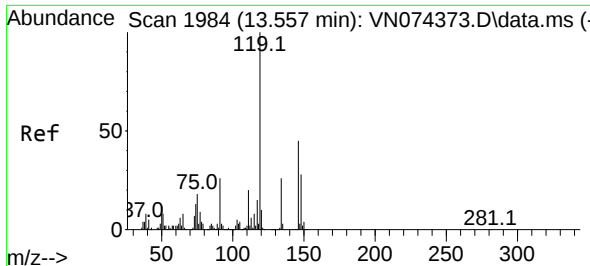
Delta R.T. 0.000 min

Lab File: VN074407.D

Acq: 12 Sep 2022 12:22

Tgt Ion:105 Resp: 5464
 Ion Ratio Lower Upper
 105 100
 134 24.3 9.7 28.9





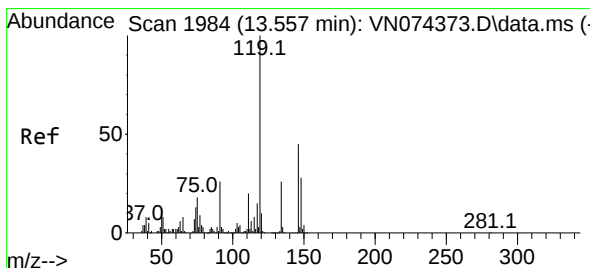
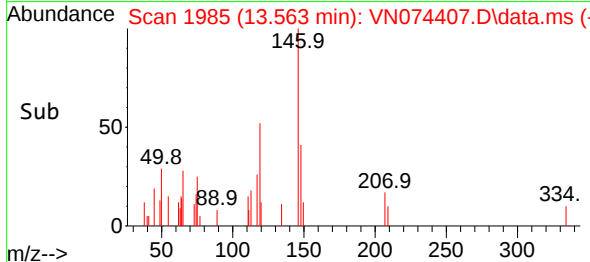
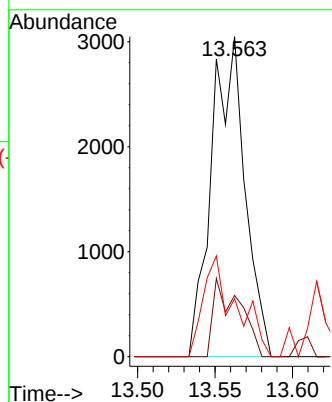
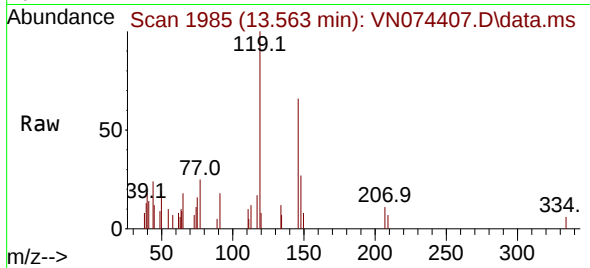
#86
p-Isopropyltoluene
Concen: 0.375 ug/l
RT: 13.563 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Tgt Ion:119 Resp: 4558
Ion Ratio Lower Upper
119 100
134 19.2 13.0 38.9
91 30.8 13.1 39.3

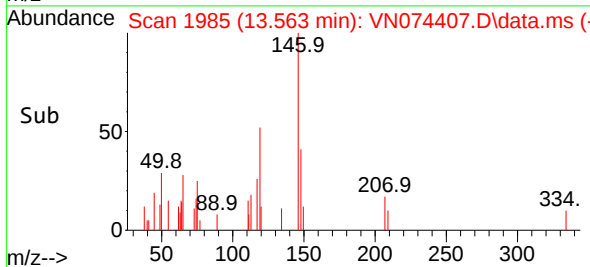
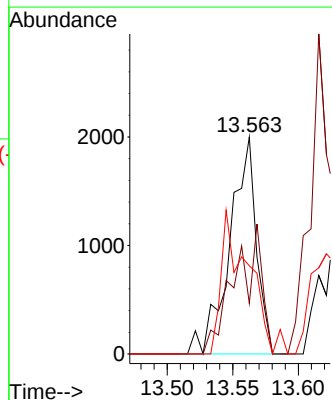
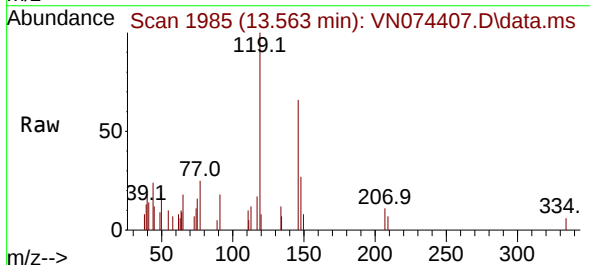
Manual Integrations
APPROVED

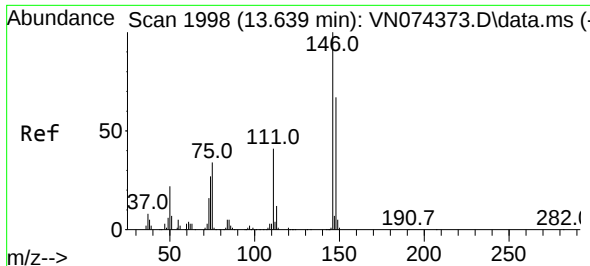
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#87
1,3-Dichlorobenzene
Concen: 0.476 ug/l
RT: 13.563 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Tgt Ion:146 Resp: 2828
Ion Ratio Lower Upper
146 100
111 60.2 21.5 64.5
148 0.0 32.0 96.0#





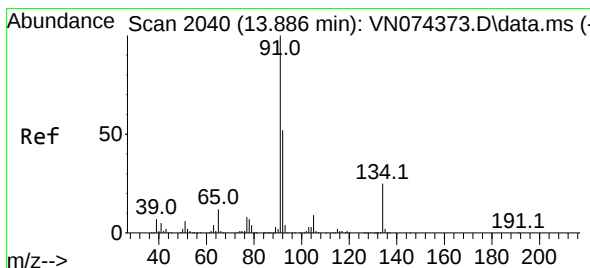
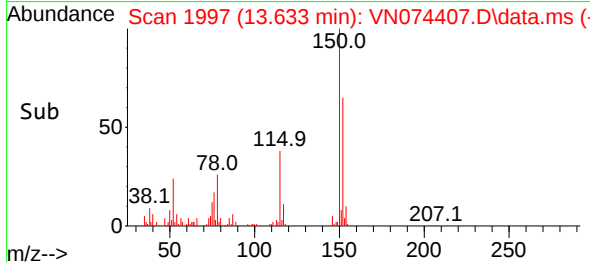
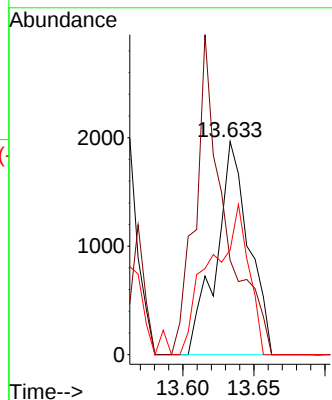
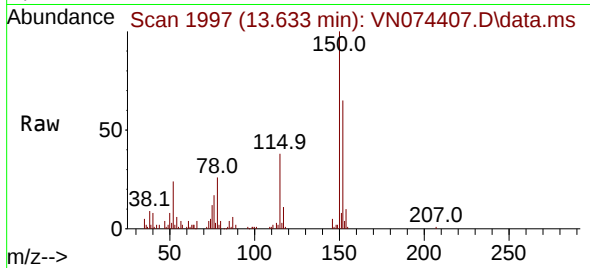
#88
 1,4-Dichlorobenzene
 Concen: 0.524 ug/l
 RT: 13.633 min Scan# 1998
 Delta R.T. -0.006 min
 Lab File: VN074407.D
 Acq: 12 Sep 2022 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL02

Tgt Ion:146 Resp: 314
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.8 62.2
 148 82.0 32.1 96.5

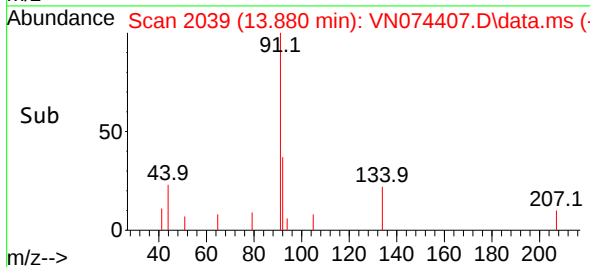
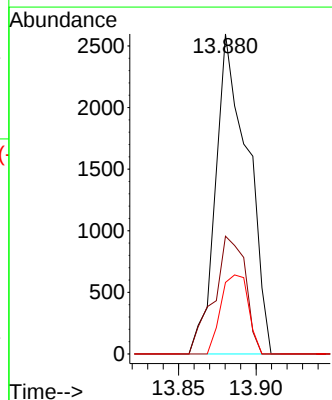
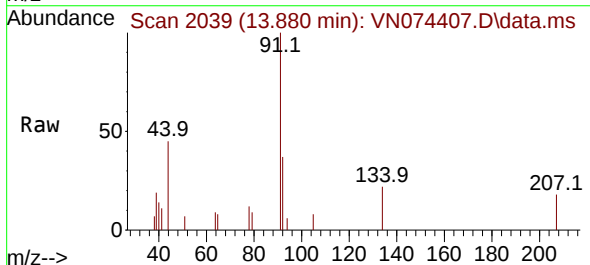
Manual Integrations
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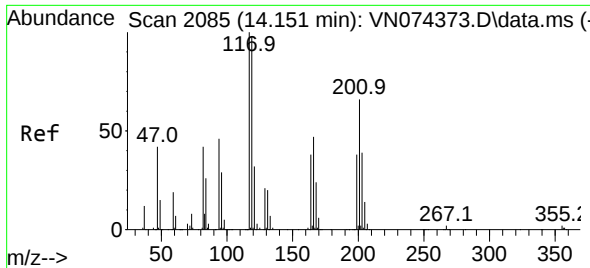
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#89
 n-Butylbenzene
 Concen: 0.359 ug/l
 RT: 13.880 min Scan# 2039
 Delta R.T. -0.006 min
 Lab File: VN074407.D
 Acq: 12 Sep 2022 12:22

Tgt Ion: 91 Resp: 3723
 Ion Ratio Lower Upper
 91 100
 92 36.3 25.8 77.4
 134 21.4 12.4 37.0





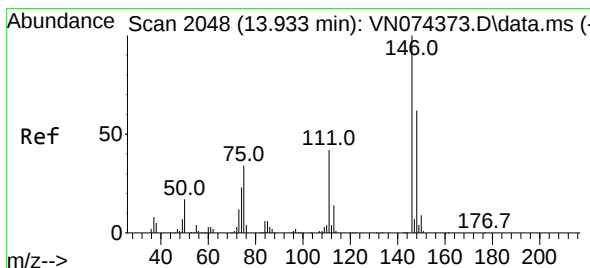
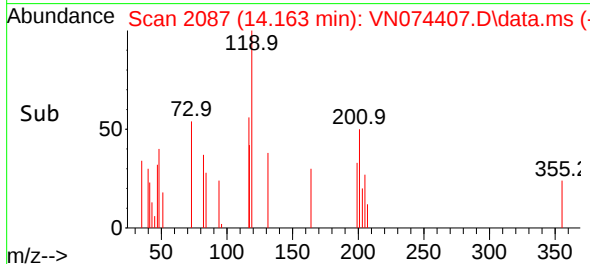
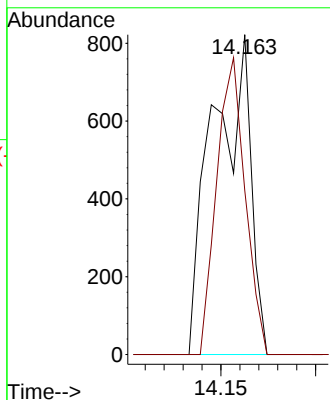
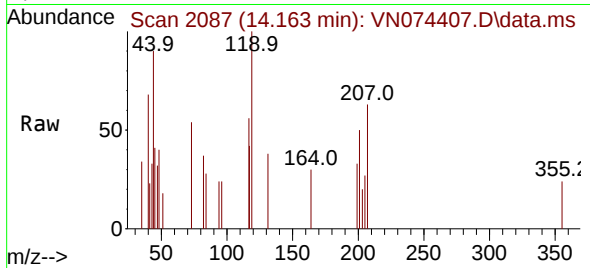
#90
Hexachloroethane
Concen: 0.443 ug/l
RT: 14.163 min Scan# 2087
Delta R.T. 0.012 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Tgt Ion:117 Resp: 1138
Ion Ratio Lower Upper
117 100
201 69.7 32.6 98.0

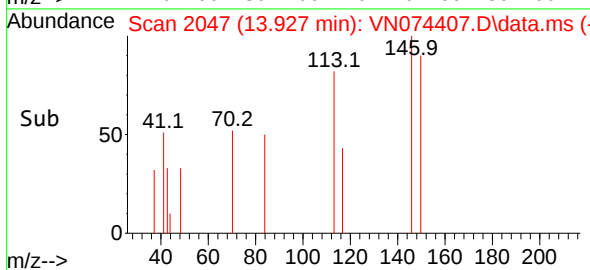
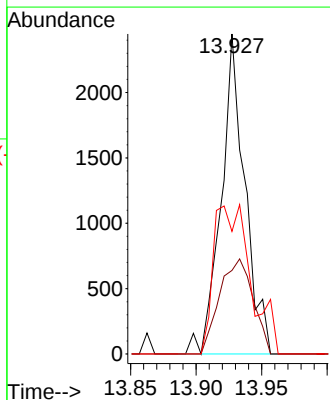
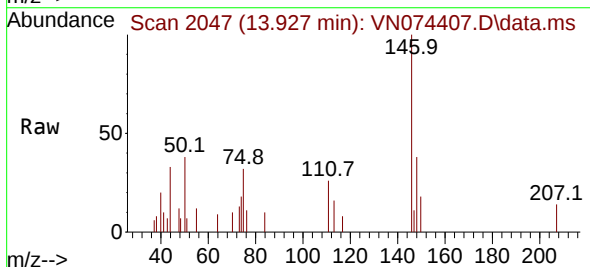
Manual Integrations
APPROVED

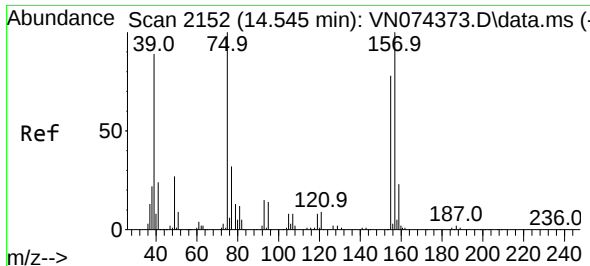
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#91
1,2-Dichlorobenzene
Concen: 0.494 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

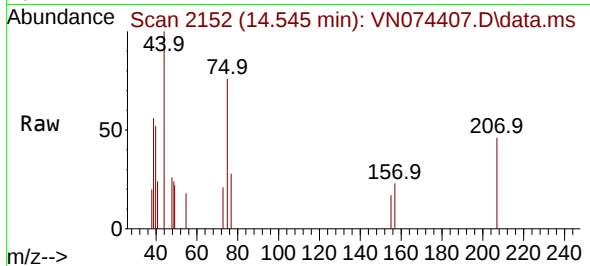
Tgt Ion:146 Resp: 3085
Ion Ratio Lower Upper
146 100
111 41.9 21.9 65.7
148 72.4 31.4 94.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.423 ug/l m
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

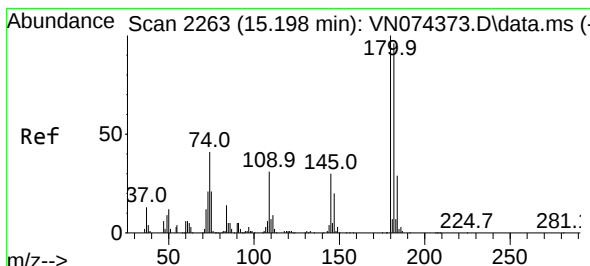
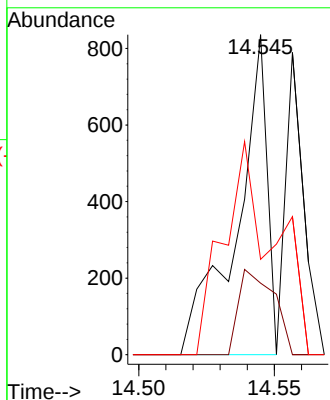
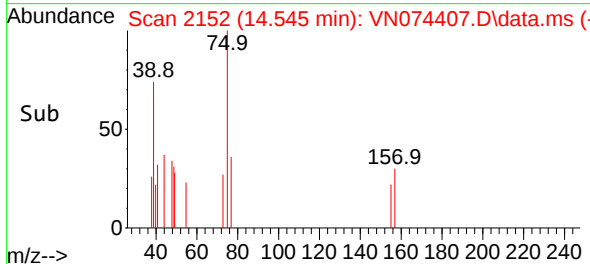
Instrument :
MSVOA_N
ClientSampleId :
MDL02



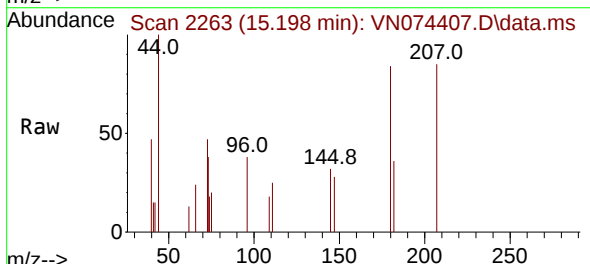
Tgt Ion: 75 Resp: 648
Ion Ratio Lower Upper
75 100
155 31.0 36.6 109.9
157 111.1 46.2 138.5

Manual Integrations
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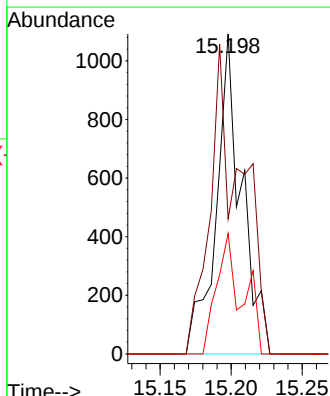
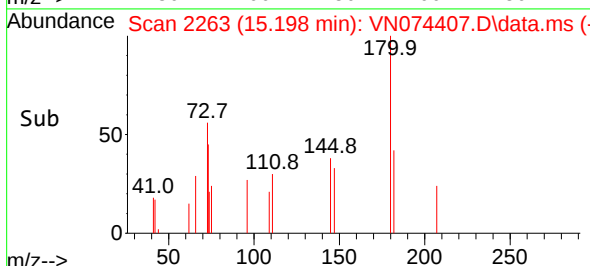
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

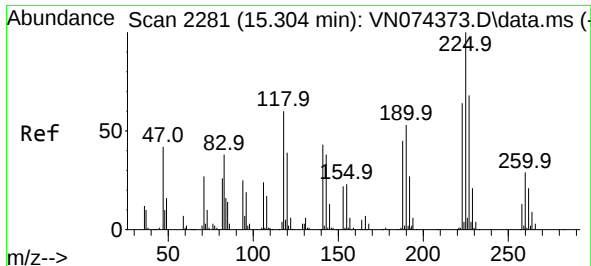


#93
1,2,4-Trichlorobenzene
Concen: 0.435 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22



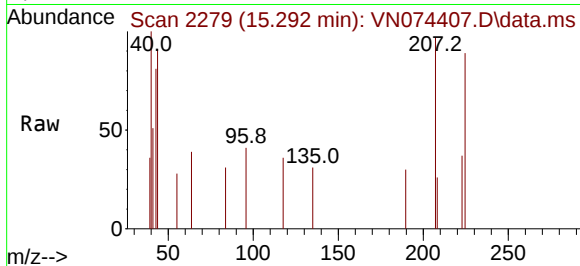
Tgt Ion:180 Resp: 1355
Ion Ratio Lower Upper
180 100
182 119.8 47.4 142.2
145 37.9 16.1 48.2





#94
Hexachlorobutadiene
Concen: 0.410 ug/l
RT: 15.292 min Scan# 2279
Delta R.T. -0.012 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22

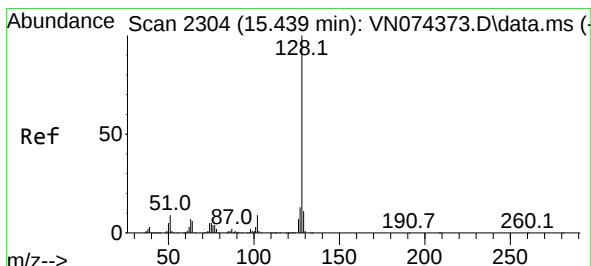
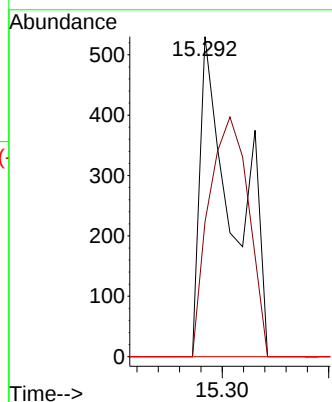
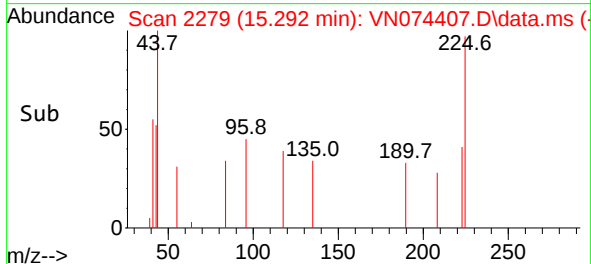
Instrument :
MSVOA_N
ClientSampleId :
MDL02



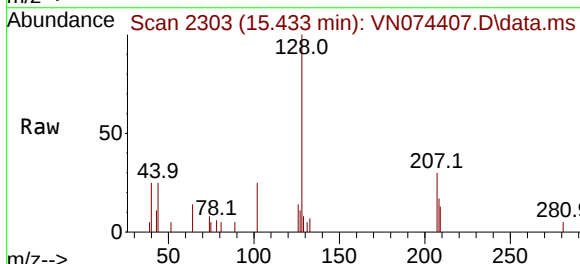
Tgt Ion:225 Resp: 578
Ion Ratio Lower Upper
225 100
223 88.9 31.6 94.8
227 0.0 31.8 95.4

Manual Integrations
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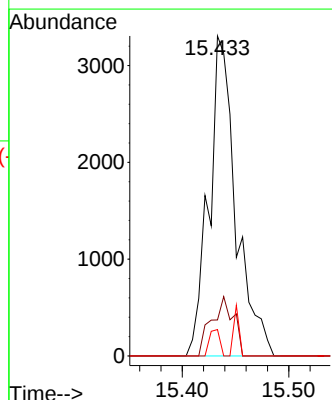
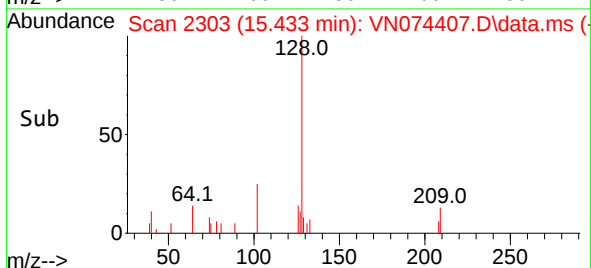
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

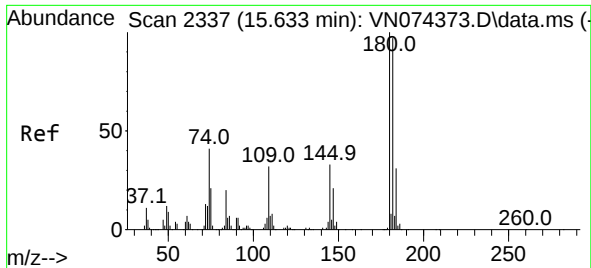


#95
Naphthalene
Concen: 0.477 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN074407.D
Acq: 12 Sep 2022 12:22



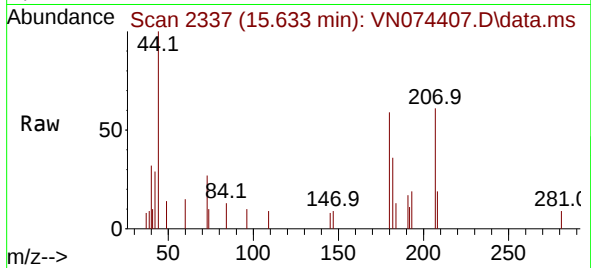
Tgt Ion:128 Resp: 5811
Ion Ratio Lower Upper
128 100
127 15.1 10.6 16.0
129 3.2 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.474 ug/l
 RT: 15.633 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074407.D
 Acq: 12 Sep 2022 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL02



Tgt Ion	Ratio	Lower	Upper
180	100		
182	81.7	47.6	142.8
145	29.3	17.3	52.0

Manual Integrations
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Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

