

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092222\
 Data File : VD074398.D
 Acq On : 22 Sep 2022 11:43
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/23/2022
 Supervised By :Mahesh Dadoda 09/23/2022

Quant Time: Sep 23 07:03:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 23 06:55:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	81631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	140681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	131203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	64807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17162	19.762	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.520%#		
35) Dibromofluoromethane	7.799	113	23560	24.131	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	48.260%#		
50) Toluene-d8	10.263	98	58792	17.104	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	34.200%#		
62) 4-Bromofluorobenzene	12.569	95	36000	26.768	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	53.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	16429	22.537	ug/l	95
3) Chloromethane	2.140	50	23280	23.448	ug/l	97
4) Vinyl Chloride	2.275	62	13184	22.010	ug/l	91
5) Bromomethane	2.664	94	4434	20.436	ug/l	96
6) Chloroethane	2.822	64	8055	21.271	ug/l #	83
7) Trichlorofluoromethane	3.164	101	28142	20.864	ug/l	99
8) Diethyl Ether	3.587	74	9356	20.497	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	18645	20.617	ug/l	93
10) Methyl Iodide	4.158	142	10697	16.762	ug/l	97
11) Tert butyl alcohol	5.016	59	25345	106.628	ug/l #	76
12) 1,1-Dichloroethene	3.934	96	19304	21.893	ug/l	96
13) Acrolein	3.799	56	4956	149.948	ug/l	96
14) Allyl chloride	4.552	41	27864	20.862	ug/l	97
15) Acrylonitrile	5.258	53	22883	103.709	ug/l	99
16) Acetone	4.016	43	17790	97.031	ug/l	100
17) Carbon Disulfide	4.263	76	53647	22.660	ug/l #	95
18) Methyl Acetate	4.563	43	13095	20.570	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	42838	20.018	ug/l	96
20) Methylene Chloride	4.799	84	36393	18.998	ug/l	97
21) trans-1,2-Dichloroethene	5.299	96	20384	20.683	ug/l	97
22) Diisopropyl ether	6.216	45	60800	20.560	ug/l	96
23) Vinyl Acetate	6.152	43	135095m	104.329	ug/l	
24) 1,1-Dichloroethane	6.105	63	37793	20.306	ug/l	96
25) 2-Butanone	7.081	43	29165	98.568	ug/l	98
26) 2,2-Dichloropropane	7.075	77	32684	19.738	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	23512	20.276	ug/l	100
28) Bromochloromethane	7.422	49	13606	19.811	ug/l	97
29) Tetrahydrofuran	7.446	42	17207	100.577	ug/l	98
30) Chloroform	7.599	83	37778	20.588	ug/l	94
31) Cyclohexane	7.875	56	33776	20.806	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	33039	20.921	ug/l	98
36) 1,1-Dichloropropene	8.004	75	30594	21.333	ug/l	97
37) Ethyl Acetate	7.169	43	11722	19.267	ug/l	99
38) Carbon Tetrachloride	7.993	117	24014	20.291	ug/l	96
39) Methylcyclohexane	9.275	83	34292	20.309	ug/l	99
40) Benzene	8.246	78	86091	20.654	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7241	22.125	ug/l #	90
42) 1,2-Dichloroethane	8.322	62	22504	21.170	ug/l	95
43) Isopropyl Acetate	8.357	43	23920	19.931	ug/l	97
44) Trichloroethene	9.022	130	22619	20.876	ug/l	86
45) 1,2-Dichloropropane	9.304	63	21600	19.823	ug/l	98
46) Dibromomethane	9.393	93	10875	19.953	ug/l	94
47) Bromodichloromethane	9.581	83	26876	19.723	ug/l	98
48) Methyl methacrylate	9.381	41	10278	18.603	ug/l	89
49) 1,4-Dioxane	9.381	88	2550	397.196	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	62193	100.483	ug/l	99
52) Toluene	10.334	92	53005	20.331	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	25880	19.727	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	31799	19.708	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	15567	20.321	ug/l	90
56) Ethyl methacrylate	10.598	69	19257	19.975	ug/l	95
57) 1,3-Dichloropropane	10.875	76	27326	20.408	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	12603	76.893	ug/l	99
59) 2-Hexanone	10.922	43	43045	101.795	ug/l	97
60) Dibromochloromethane	11.069	129	17547	20.058	ug/l	99
61) 1,2-Dibromoethane	11.175	107	13314	19.163	ug/l	94
64) Tetrachloroethene	10.810	164	18912	19.934	ug/l	90
65) Chlorobenzene	11.604	112	55896	19.937	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	19369	19.981	ug/l	98
67) Ethyl Benzene	11.681	91	105626	20.311	ug/l	100
68) m/p-Xylenes	11.787	106	78977	40.496	ug/l	99
69) o-Xylene	12.116	106	37437	20.221	ug/l	97
70) Styrene	12.134	104	64723	20.201	ug/l	99
71) Bromoform	12.293	173	10490	20.689	ug/l #	98
73) Isopropylbenzene	12.416	105	99029	19.651	ug/l	98
74) N-amyl acetate	12.228	43	22771	19.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	17698	19.288	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	10665m	19.157	ug/l	
77) Bromobenzene	12.698	156	22350	20.165	ug/l	95
78) n-propylbenzene	12.757	91	122895	19.619	ug/l	99
79) 2-Chlorotoluene	12.845	91	66034	19.772	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	83977	20.113	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	5039	19.138	ug/l #	100
82) 4-Chlorotoluene	12.940	91	68672	19.964	ug/l	98
83) tert-Butylbenzene	13.163	119	70385	19.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	82293	19.994	ug/l	98
85) sec-Butylbenzene	13.339	105	109494	19.660	ug/l	99
86) p-Isopropyltoluene	13.457	119	89896	19.673	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	44456	19.668	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	44980	19.886	ug/l	99
89) n-Butylbenzene	13.781	91	89807	19.987	ug/l	97
90) Hexachloroethane	14.045	117	14018	18.815	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	39840	20.400	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	2531	19.457	ug/l	95
93) 1,2,4-Trichlorobenzene	15.092	180	24321	19.009	ug/l	99
94) Hexachlorobutadiene	15.204	225	13830	19.138	ug/l	100
95) Naphthalene	15.328	128	47583	19.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	21454	19.128	ug/l	99

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

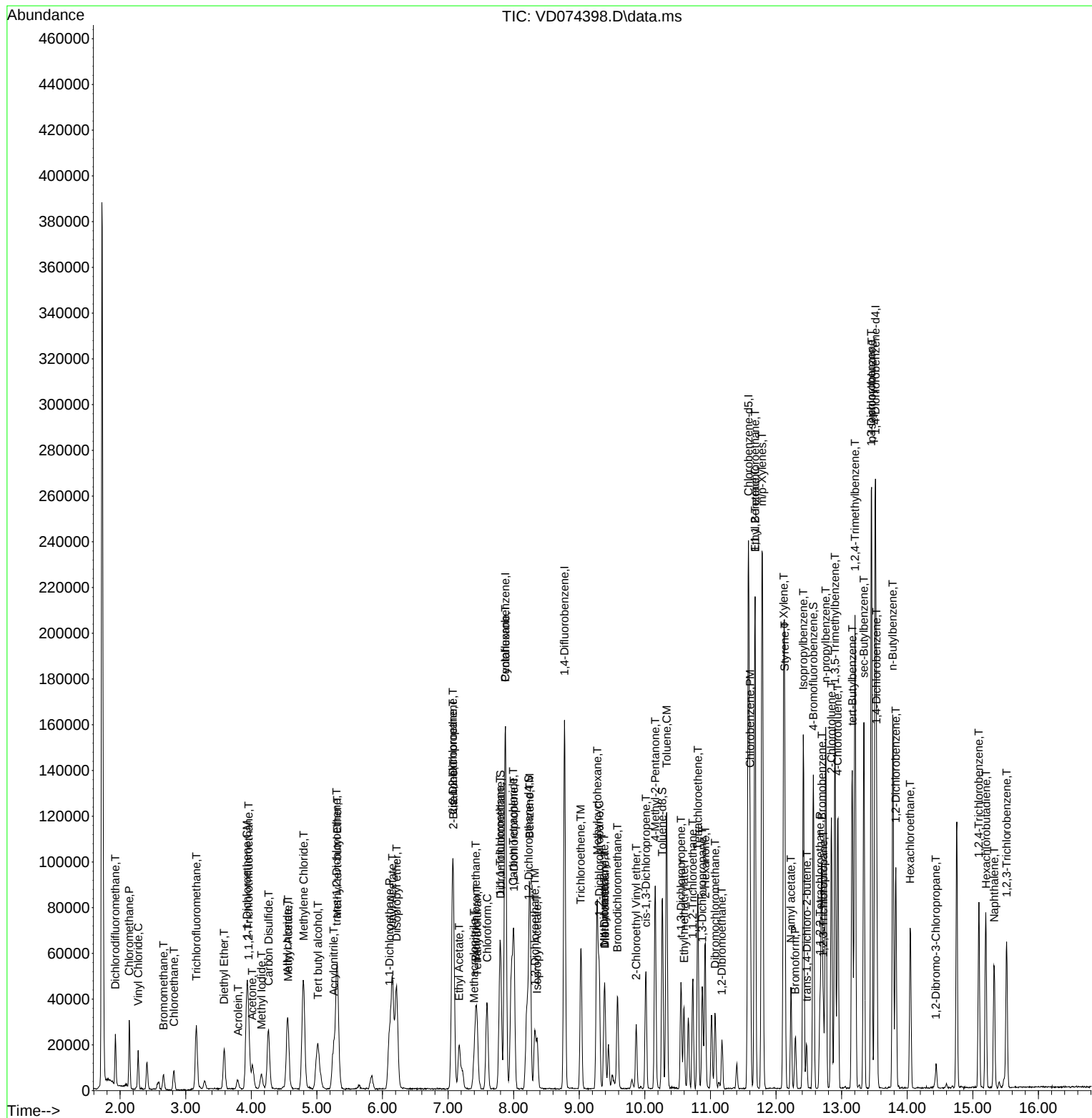
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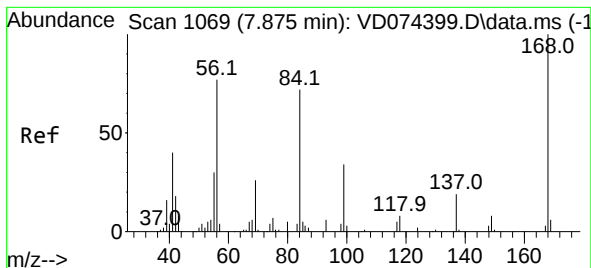
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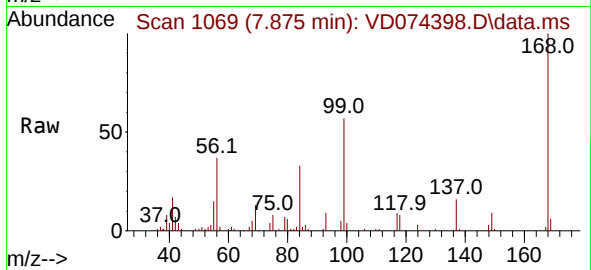
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

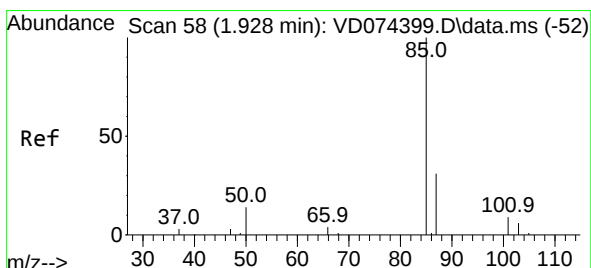
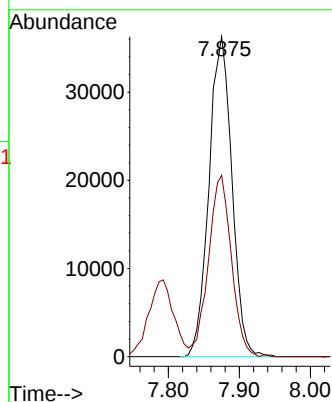
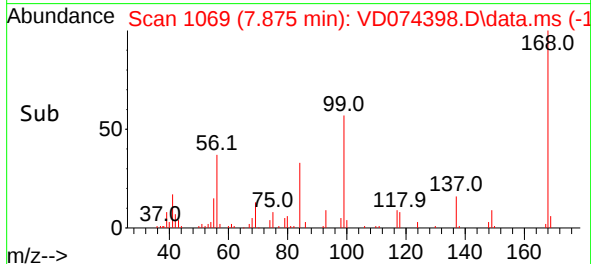
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 8163
Ion Ratio Lower Upper
168 100
99 56.7 43.0 64.6

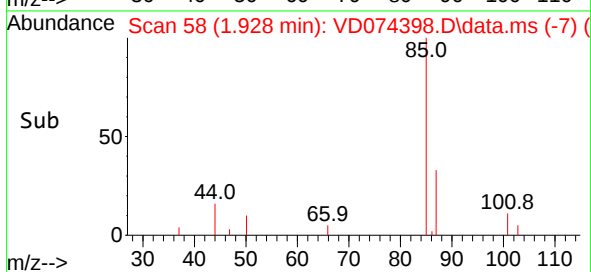
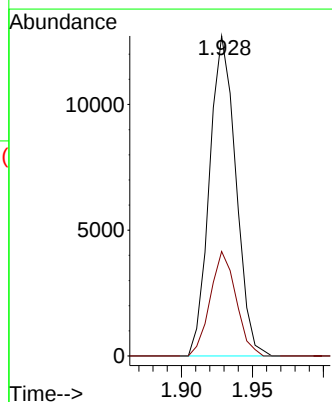
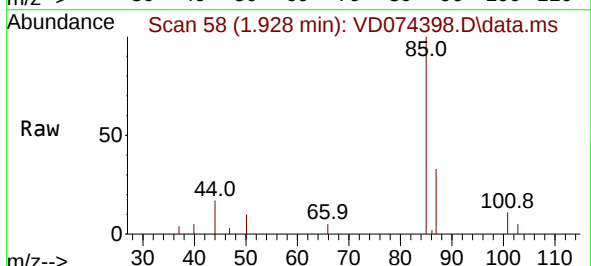
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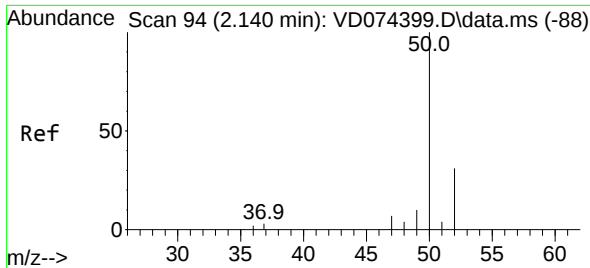
Reviewed By :Krupa Patel 09/23/2022
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#2
Dichlorodifluoromethane
Concen: 22.537 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Tgt Ion: 85 Resp: 16429
Ion Ratio Lower Upper
85 100
87 32.7 17.9 53.7





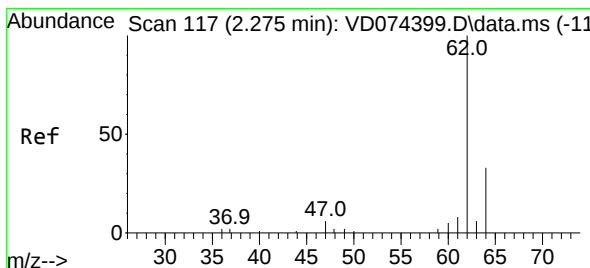
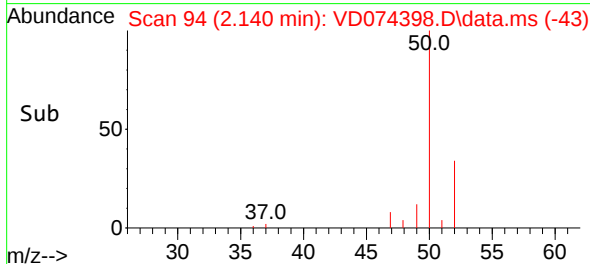
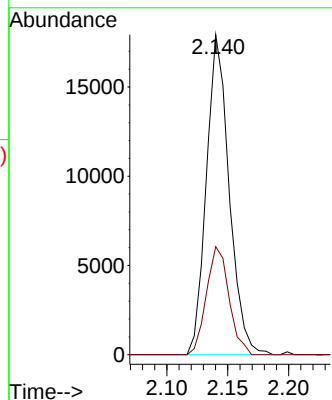
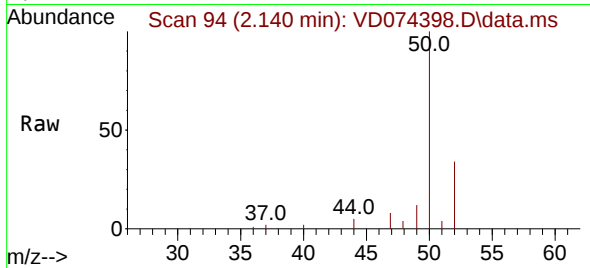
#3
Chloromethane
Concen: 23.448 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Instrument :
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Tgt Ion: 50 Resp: 23280
Ion Ratio Lower Upper
50 100
52 33.8 25.8 38.8

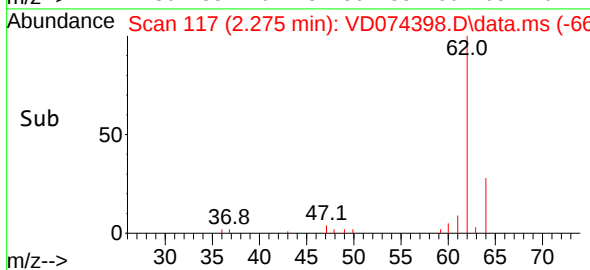
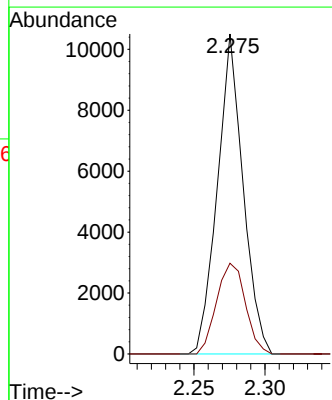
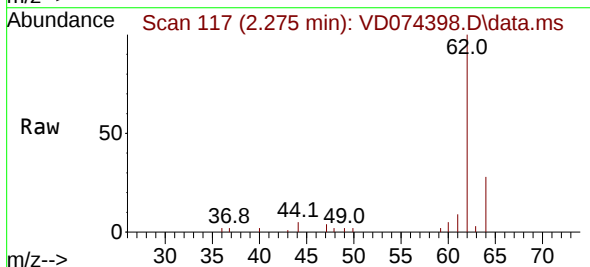
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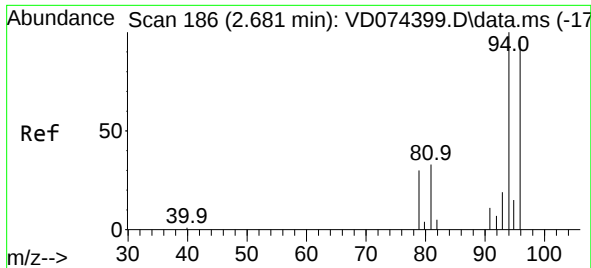
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022



#4
Vinyl Chloride
Concen: 22.010 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Tgt Ion: 62 Resp: 13184
Ion Ratio Lower Upper
62 100
64 28.3 27.0 40.4





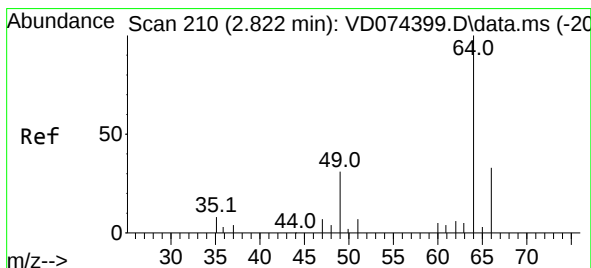
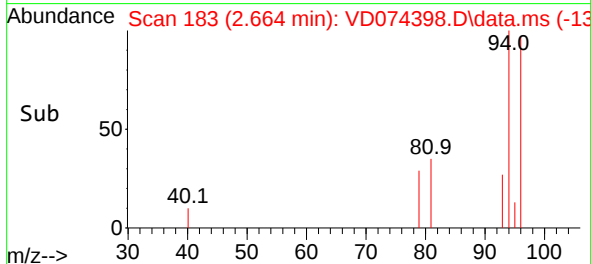
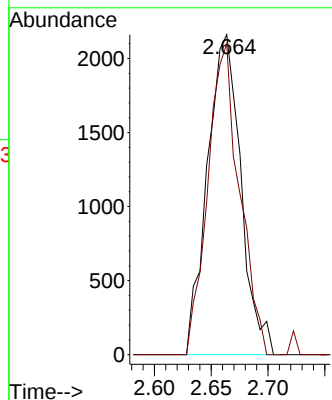
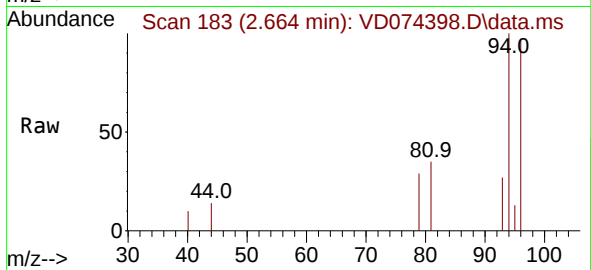
#5
Bromomethane
Concen: 20.436 ug/l
RT: 2.664 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Instrument :
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Tgt Ion: 94 Resp: 4434
Ion Ratio Lower Upper
94 100
96 97.1 74.6 112.0

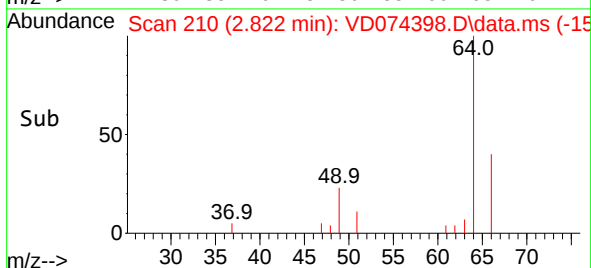
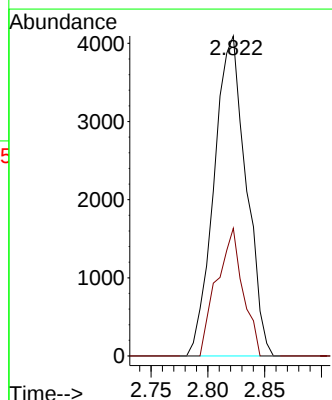
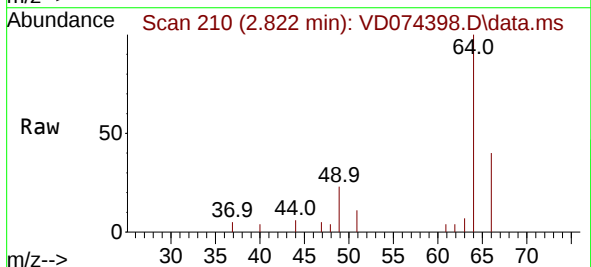
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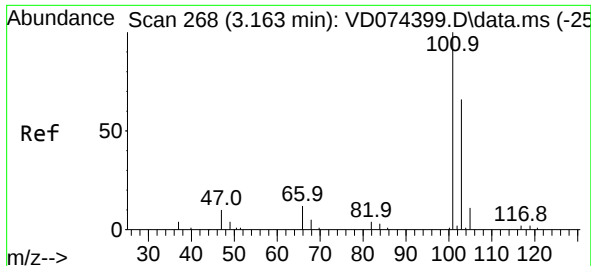
Reviewed By :Krupa Patel 09/23/2022
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#6
Chloroethane
Concen: 21.271 ug/l
RT: 2.822 min Scan# 210
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

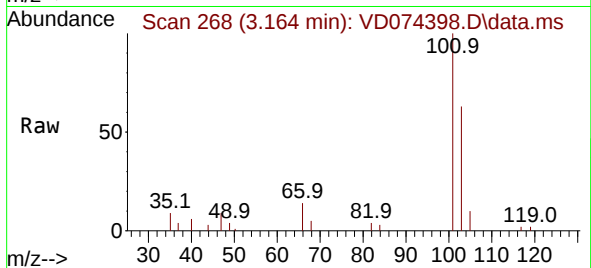
Tgt Ion: 64 Resp: 8055
Ion Ratio Lower Upper
64 100
66 39.9 24.6 36.8#





#7
Trichlorofluoromethane
Concen: 20.864 ug/l
RT: 3.164 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

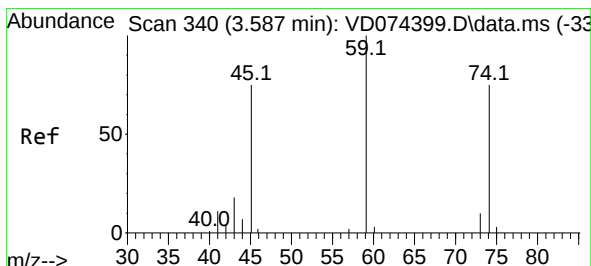
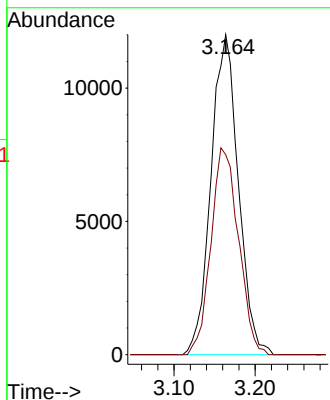
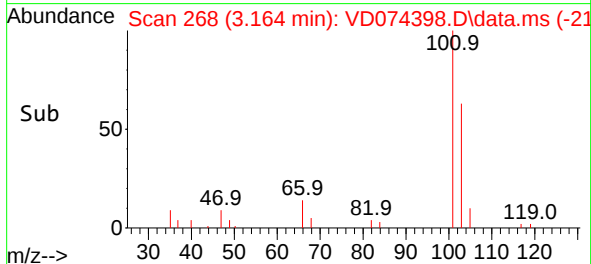
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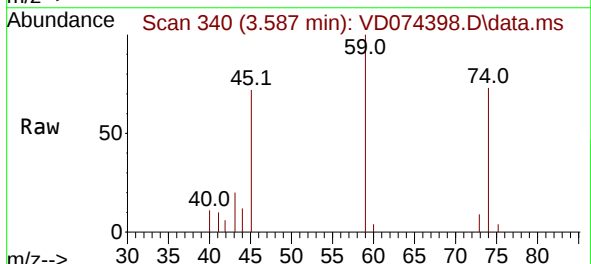
Tgt Ion:101 Resp: 2814
Ion Ratio Lower Upper
101 100
103 62.5 50.6 76.0

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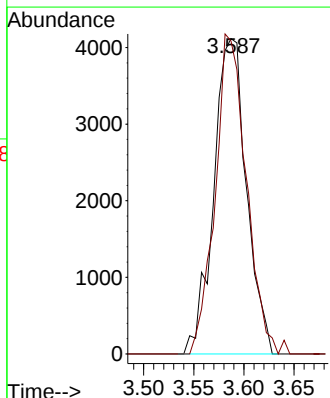
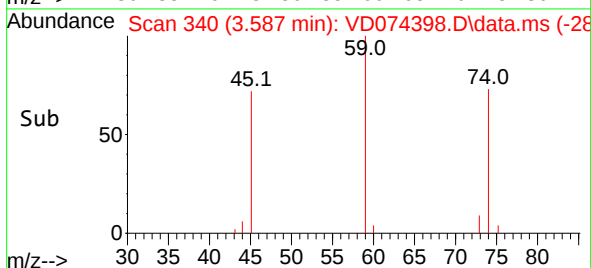
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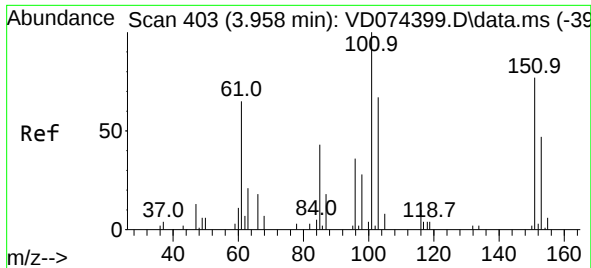


#8
Diethyl Ether
Concen: 20.497 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



Tgt Ion: 74 Resp: 9356
Ion Ratio Lower Upper
74 100
45 96.7 47.9 143.6





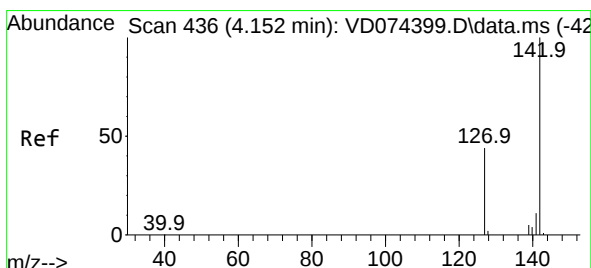
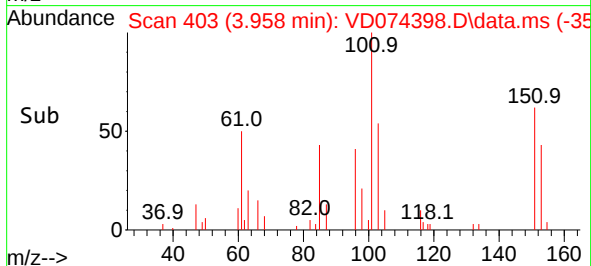
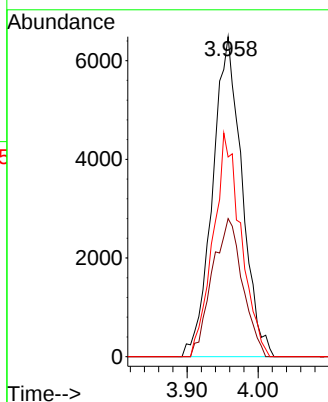
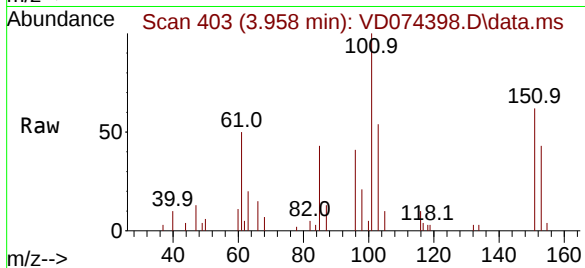
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.617 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 1864
Ion Ratio Lower Upper
101 100
85 44.6 35.0 52.4
151 66.2 59.7 89.5

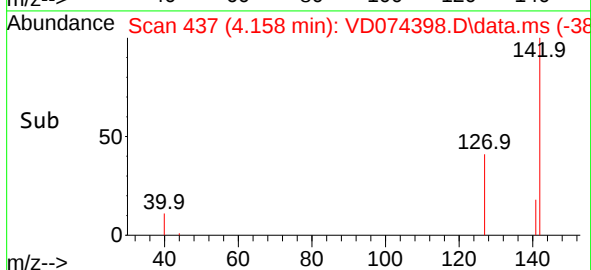
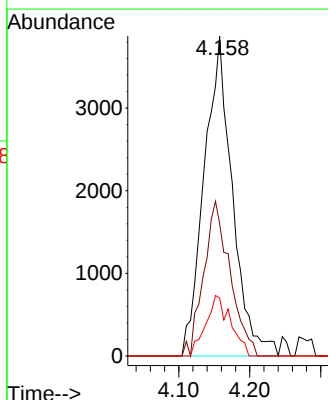
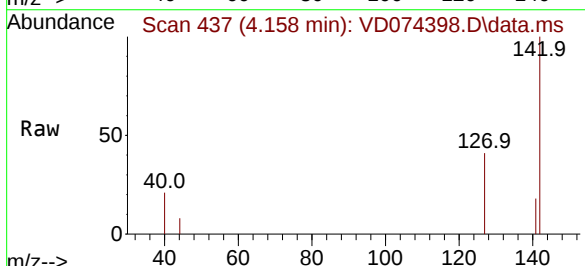
Manual Integrations
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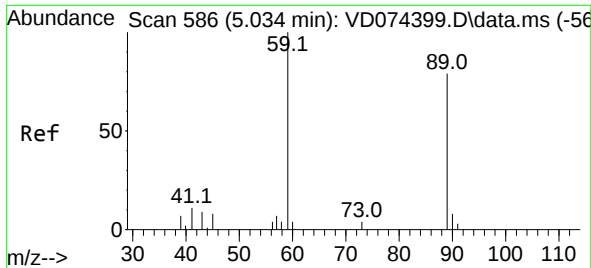
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022



#10
Methyl Iodide
Concen: 16.762 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Tgt Ion:142 Resp: 10697
Ion Ratio Lower Upper
142 100
127 45.1 34.6 51.8
141 16.6 11.7 17.5





#11

Tert butyl alcohol

Concen: 106.628 ug/l

RT: 5.016 min Scan# 586

Delta R.T. -0.018 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 2534

Ion Ratio Lower Upper

59 100

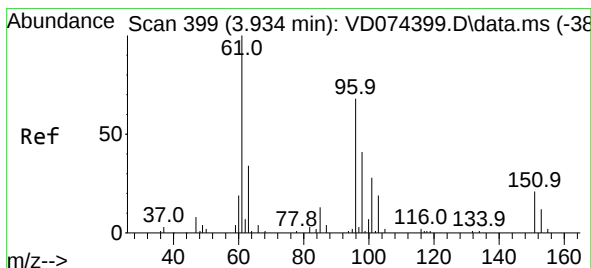
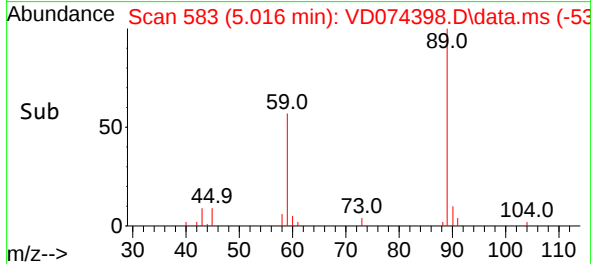
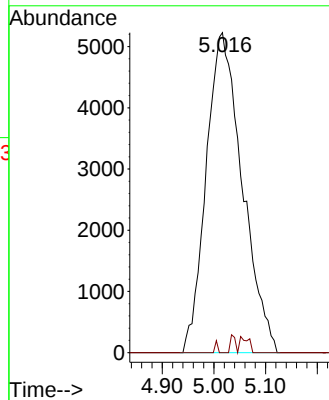
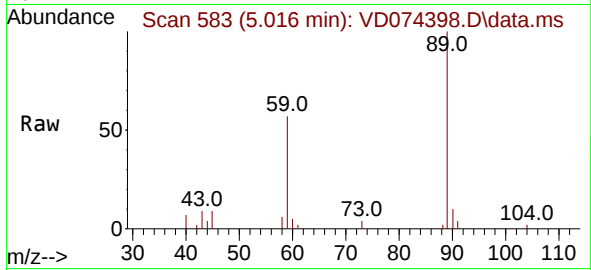
57 0.8 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/23/2022



#12

1,1-Dichloroethene

Concen: 21.893 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

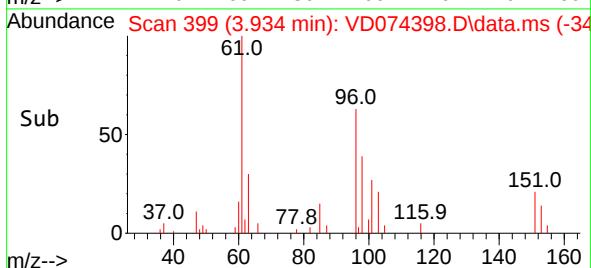
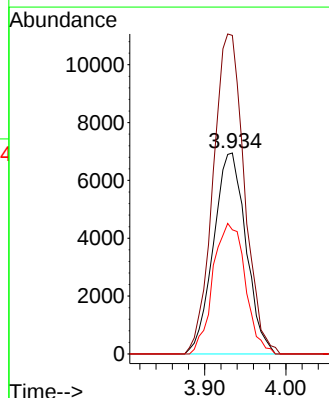
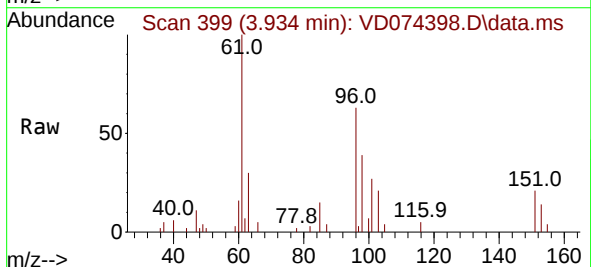
Tgt Ion: 96 Resp: 19304

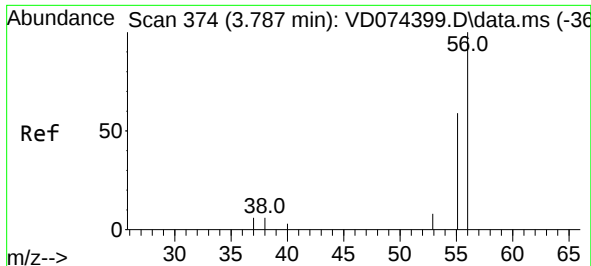
Ion Ratio Lower Upper

96 100

61 158.5 122.3 183.5

98 61.8 50.7 76.1





#13

Acrolein

Concen: 149.948 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.012 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 4950

Ion Ratio Lower Upper

56 100

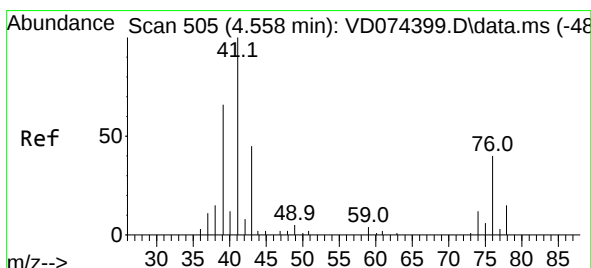
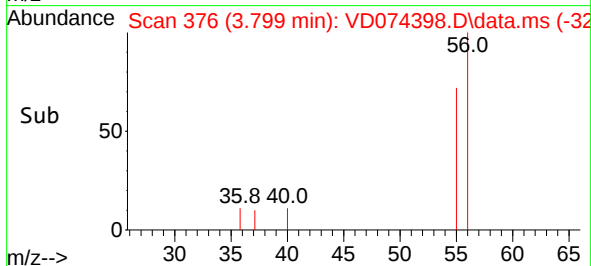
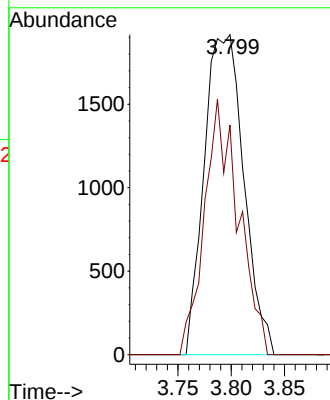
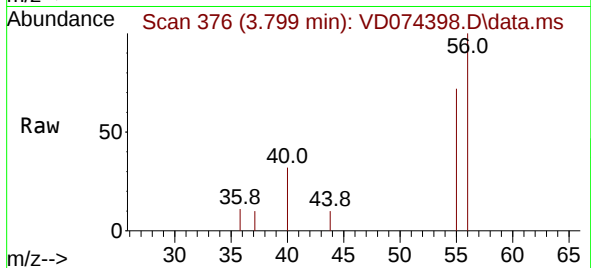
55 68.7 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/23/2022



#14

Allyl chloride

Concen: 20.862 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.006 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

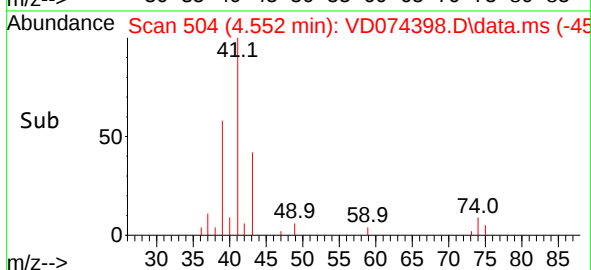
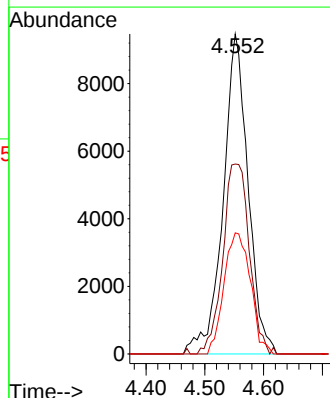
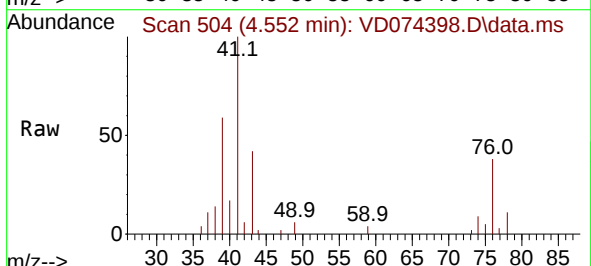
Tgt Ion: 41 Resp: 27864

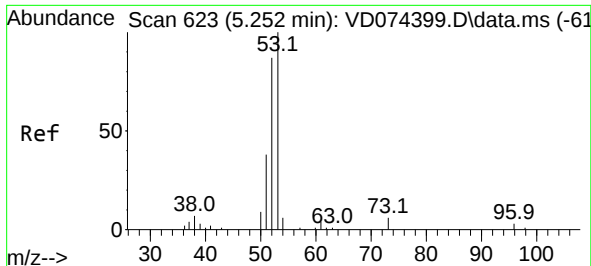
Ion Ratio Lower Upper

41 100

39 63.1 52.8 79.2

76 40.2 32.9 49.3





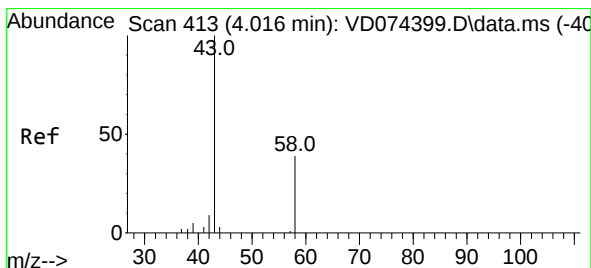
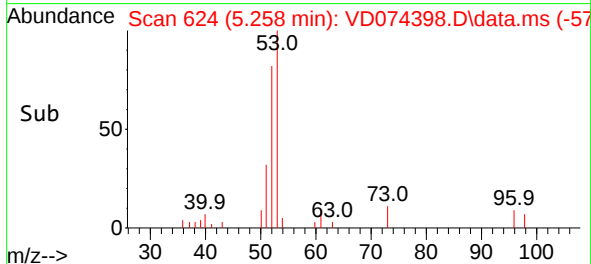
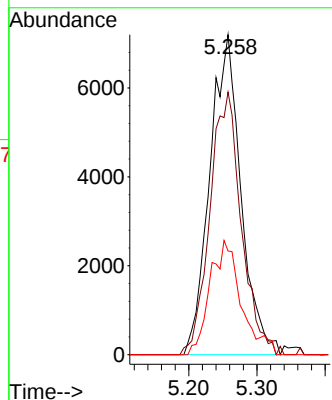
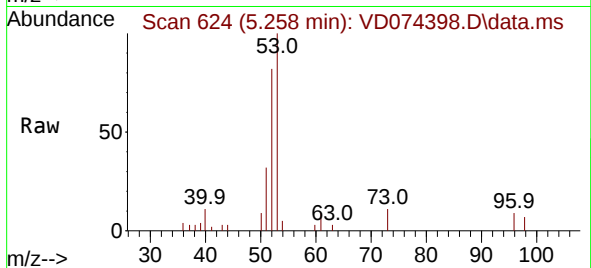
#15
Acrylonitrile
Concen: 103.709 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 2288
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 35.8 29.0 43.6

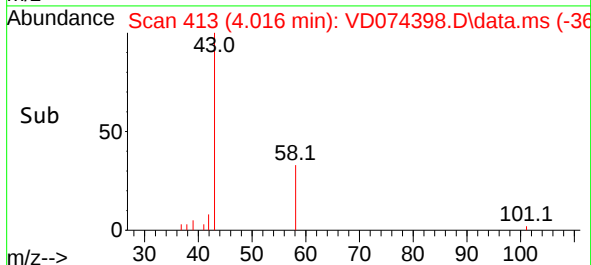
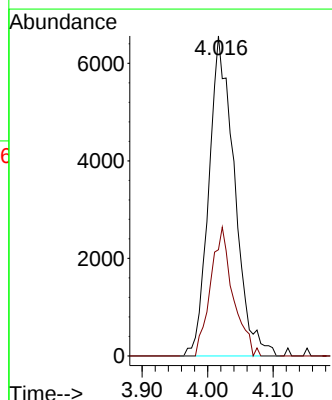
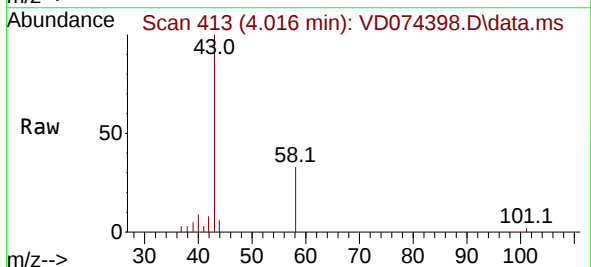
Manual Integrations
APPROVED

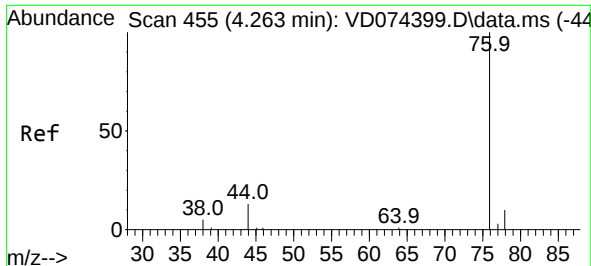
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022



#16
Acetone
Concen: 97.031 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

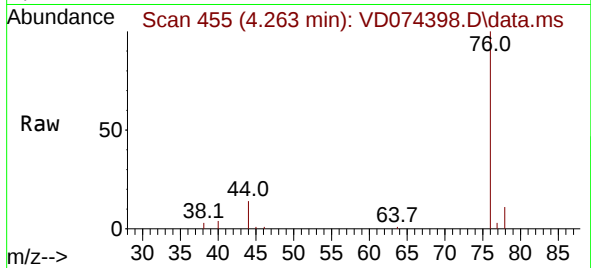
Tgt Ion: 43 Resp: 17790
Ion Ratio Lower Upper
43 100
58 33.2 26.4 39.6





#17
Carbon Disulfide
Concen: 22.660 ug/l
RT: 4.263 min Scan# 455
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

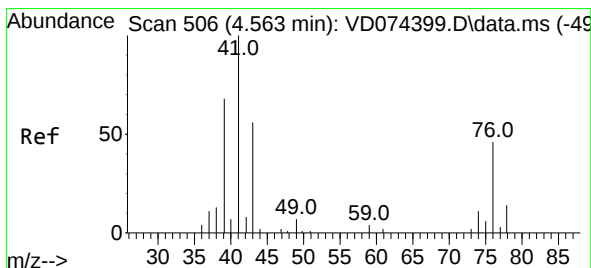
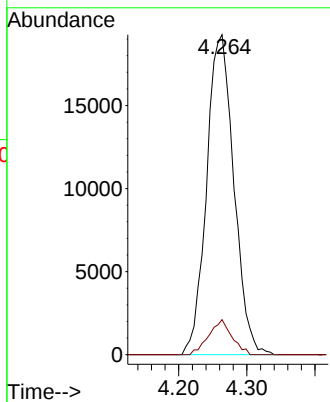
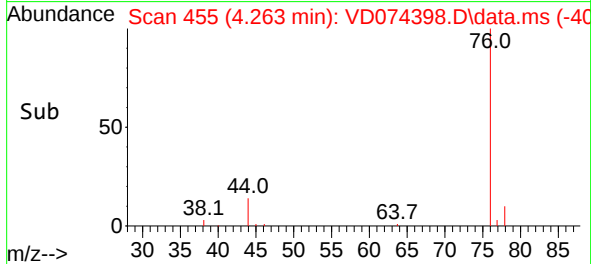
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



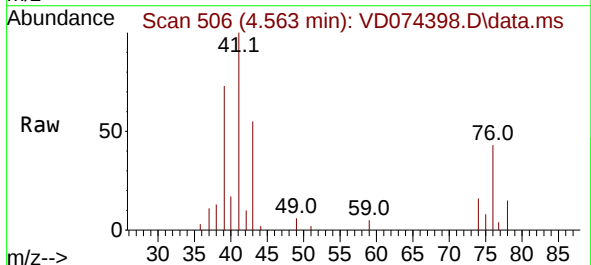
Tgt Ion: 76 Resp: 5364
Ion Ratio Lower Upper
76 100
78 10.9 7.2 10.8

Manual Integrations
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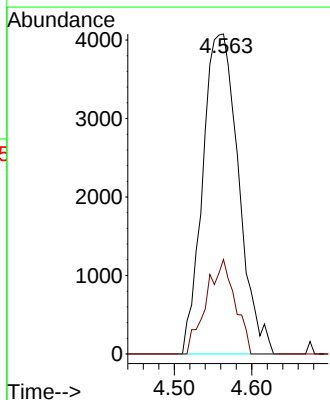
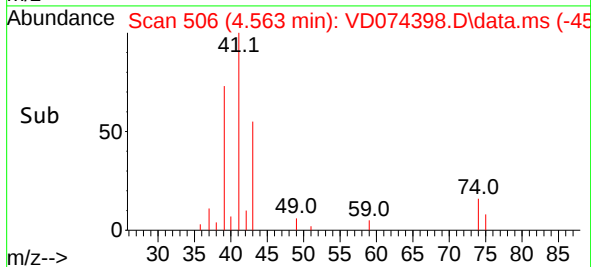
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

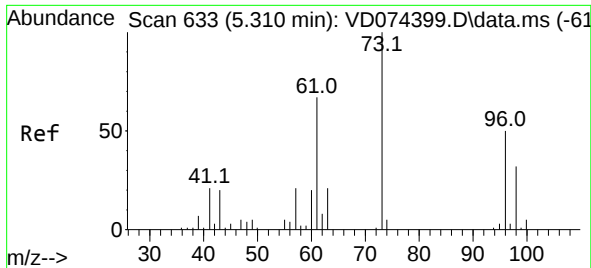


#18
Methyl Acetate
Concen: 20.570 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



Tgt Ion: 43 Resp: 13095
Ion Ratio Lower Upper
43 100
74 23.8 19.3 28.9





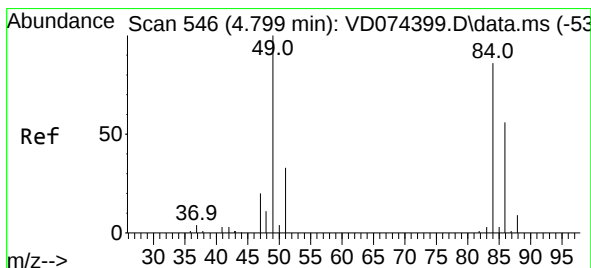
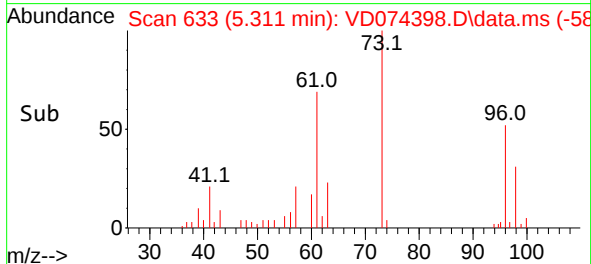
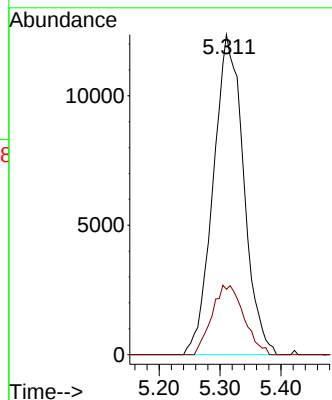
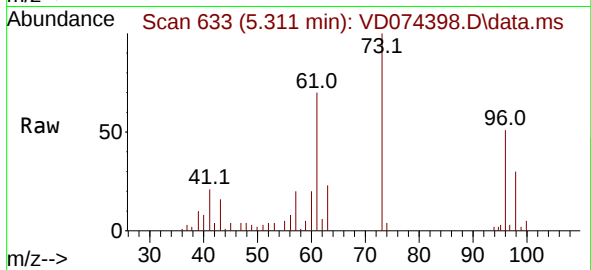
#19
Methyl tert-butyl Ether
Concen: 20.018 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 42838
Ion Ratio Lower Upper
73 100
57 20.5 17.8 26.6

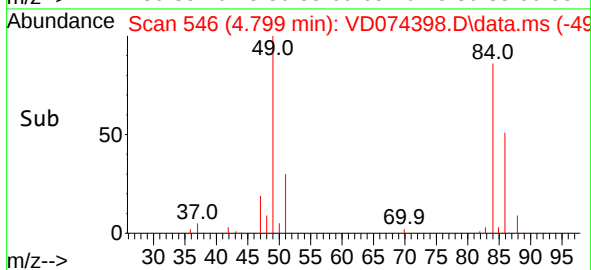
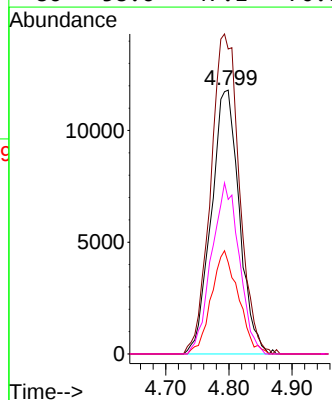
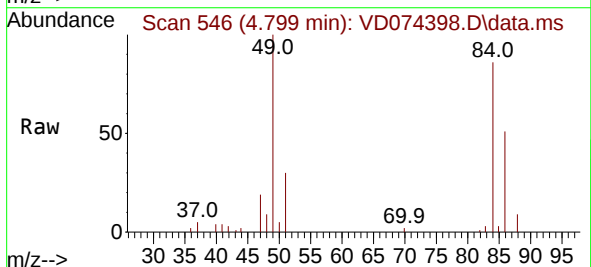
Manual Integrations
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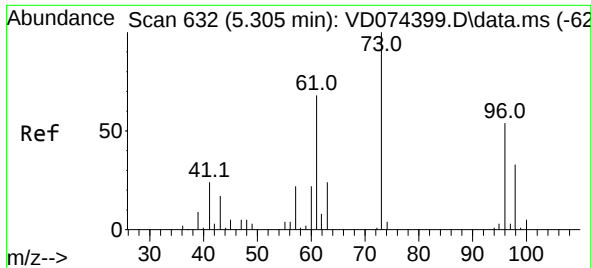
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022



#20
Methylene Chloride
Concen: 18.998 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Tgt Ion: 84 Resp: 36393
Ion Ratio Lower Upper
84 100
49 115.6 88.4 132.6
51 34.7 28.0 42.0
86 58.6 47.1 70.7





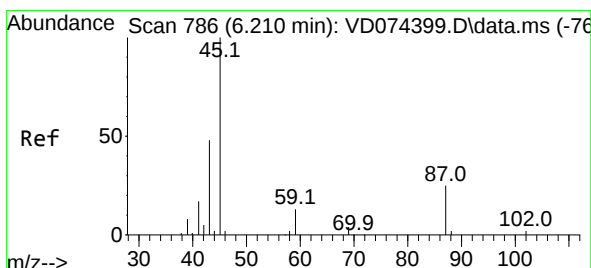
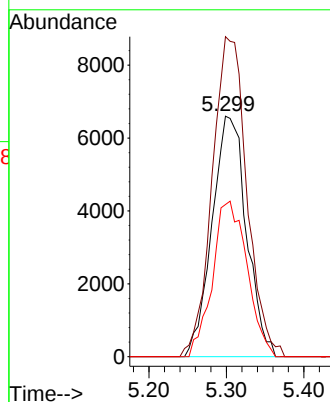
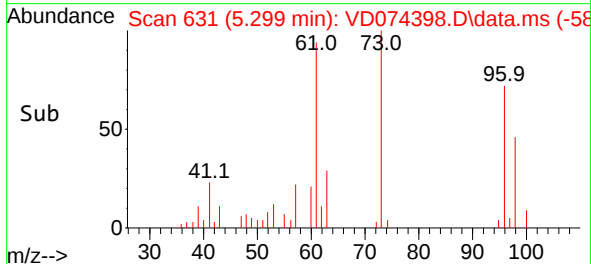
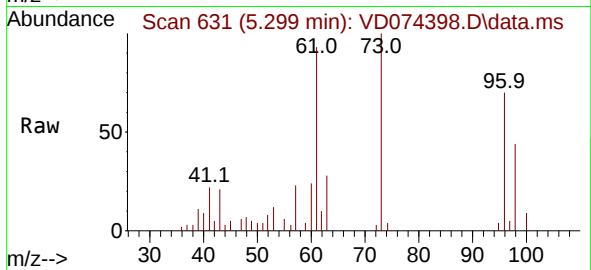
#21
trans-1,2-Dichloroethene
Concen: 20.683 ug/l
RT: 5.299 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 20384
Ion Ratio Lower Upper
96 100
61 133.1 105.1 157.7
98 63.3 47.4 71.2

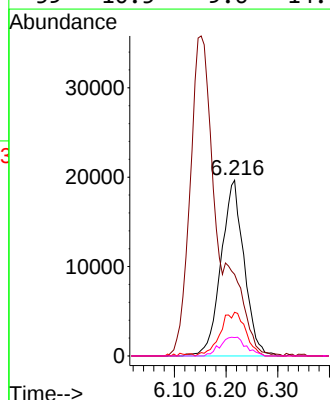
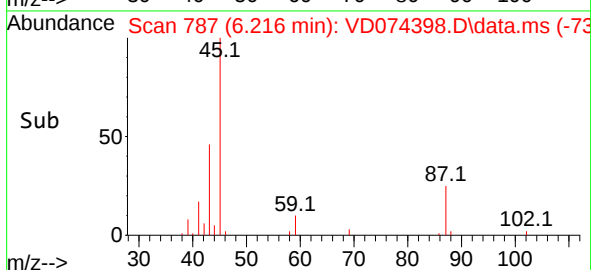
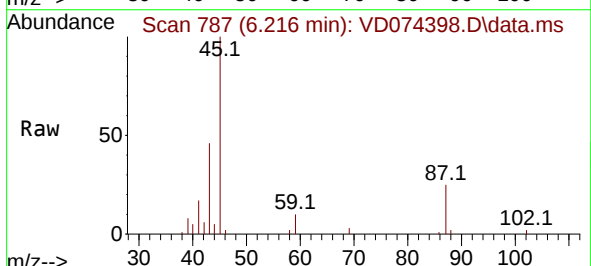
Manual Integrations
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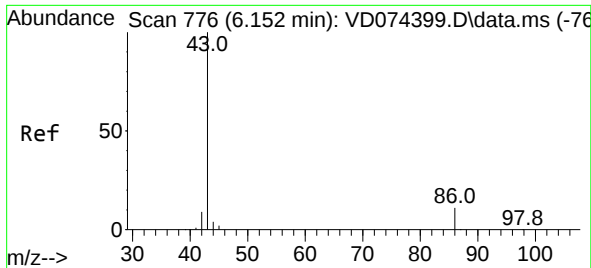
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022



#22
Diisopropyl ether
Concen: 20.560 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Tgt Ion: 45 Resp: 60800
Ion Ratio Lower Upper
45 100
43 45.6 38.9 58.3
87 24.8 21.0 31.4
59 10.5 9.6 14.4





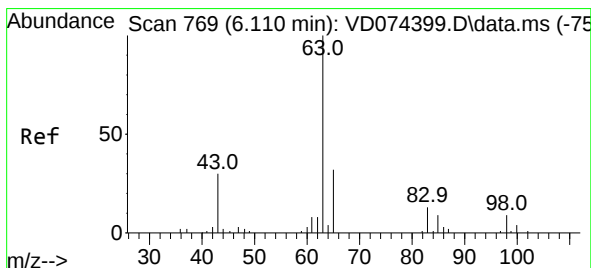
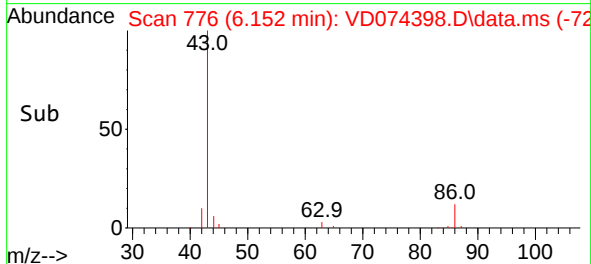
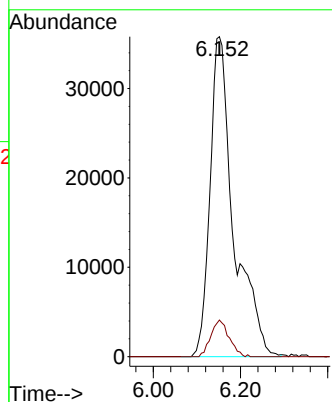
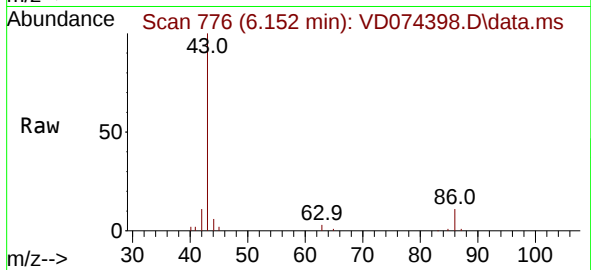
#23
 Vinyl Acetate
 Concen: 104.329 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD074398.D
 Acq: 22 Sep 2022 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 13509
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0

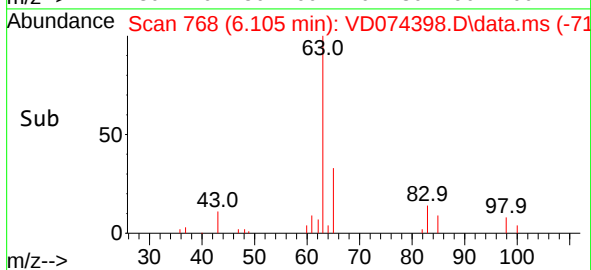
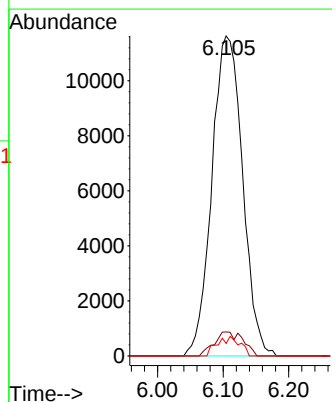
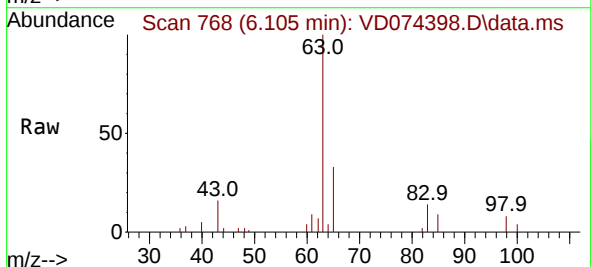
Manual Integrations
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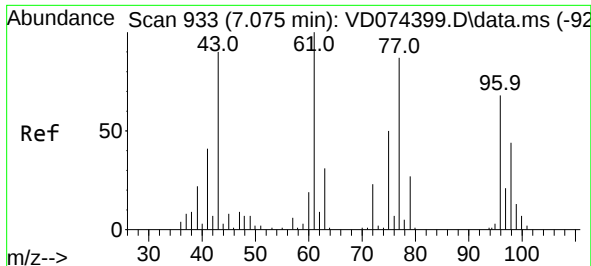
Reviewed By :Krupa Patel 09/23/2022
 Supervised By :Mahesh Dadoda 09/23/2022



#24
 1,1-Dichloroethane
 Concen: 20.306 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD074398.D
 Acq: 22 Sep 2022 11:43

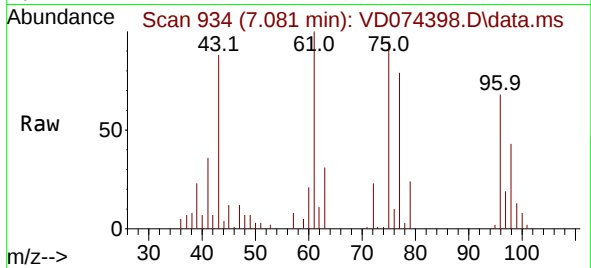
Tgt Ion: 63 Resp: 37793
 Ion Ratio Lower Upper
 63 100
 98 7.5 2.8 8.4
 100 3.9 2.2 6.6





#25
2-Butanone
Concen: 98.568 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

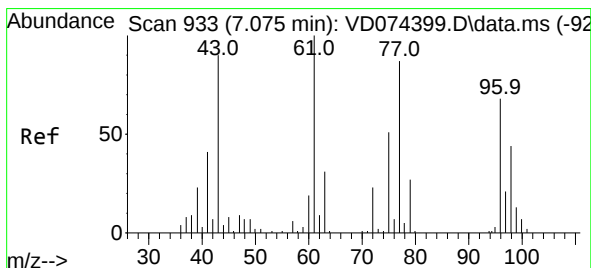
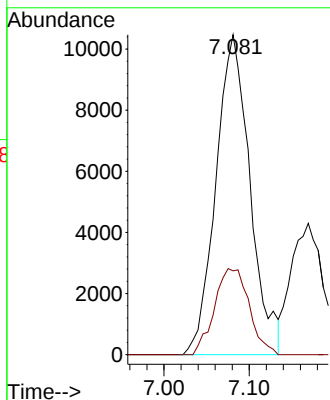
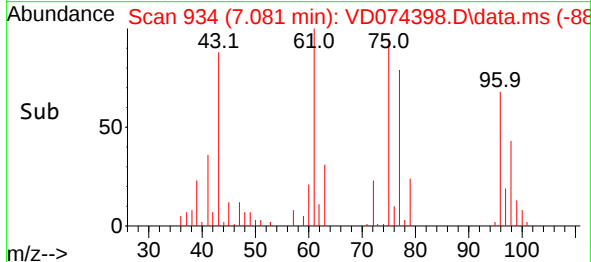
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



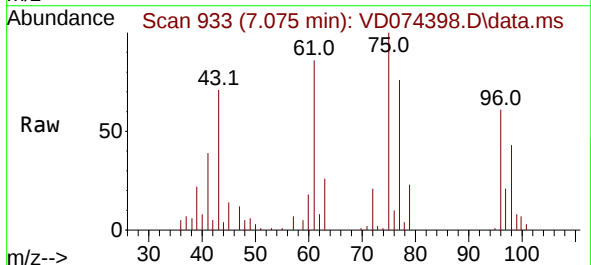
Tgt Ion: 43 Resp: 2916
Ion Ratio Lower Upper
43 100
72 26.2 21.8 32.6

Manual Integrations
APPROVED

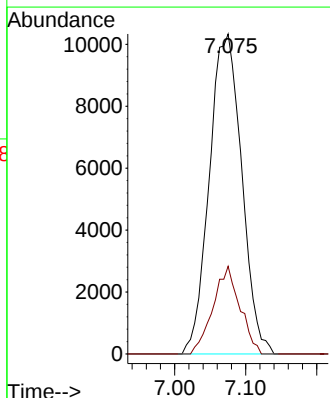
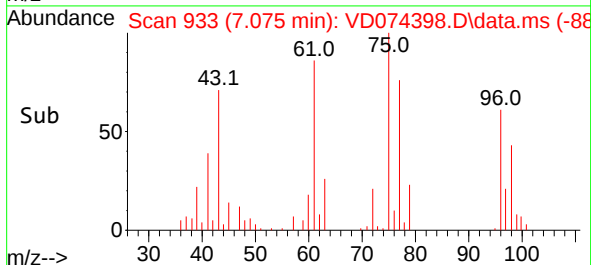
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

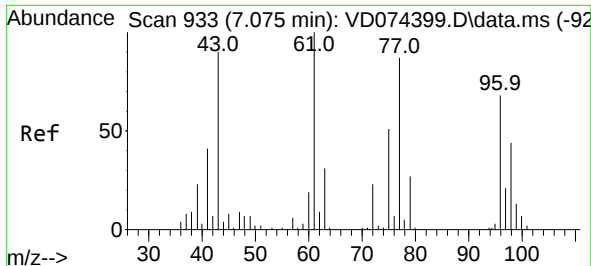


#26
2,2-Dichloropropane
Concen: 19.738 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



Tgt Ion: 77 Resp: 32684
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 20.276 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 2351

Ion Ratio Lower Upper

96 100

61 143.9 0.0 289.4

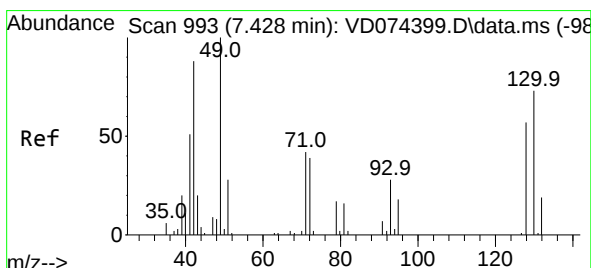
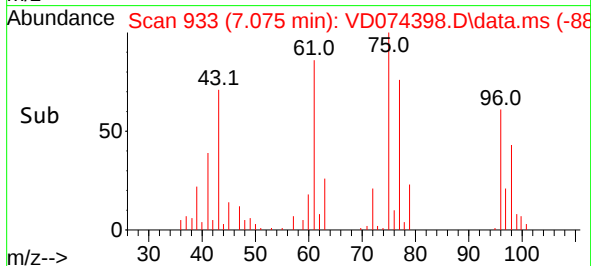
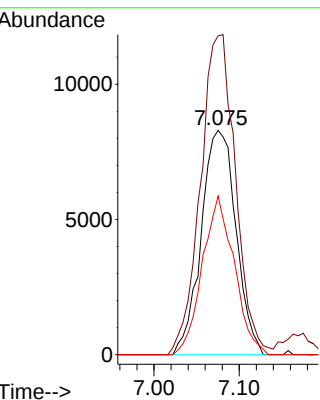
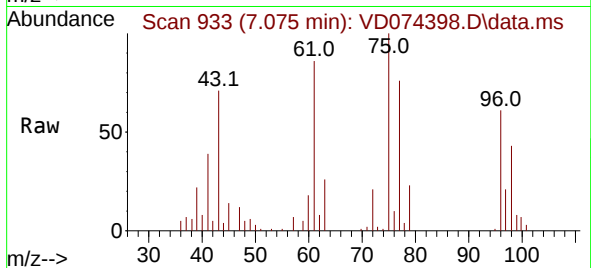
98 65.0 0.0 130.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/23/2022



#28

Bromochloromethane

Concen: 19.811 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

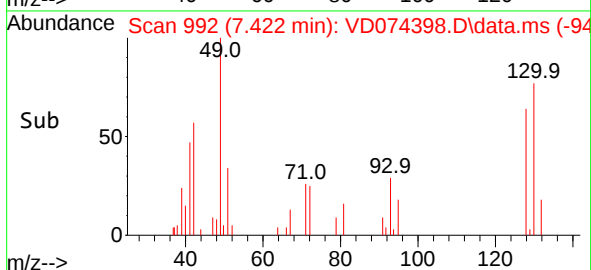
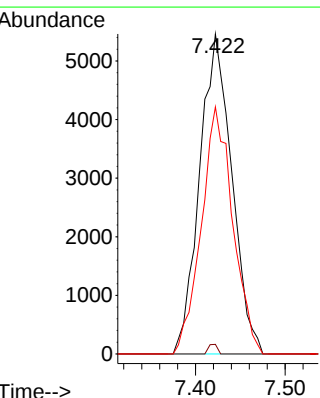
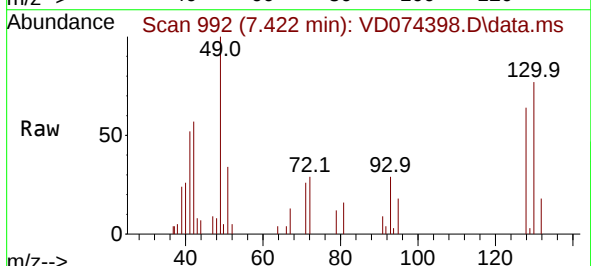
Tgt Ion: 49 Resp: 13606

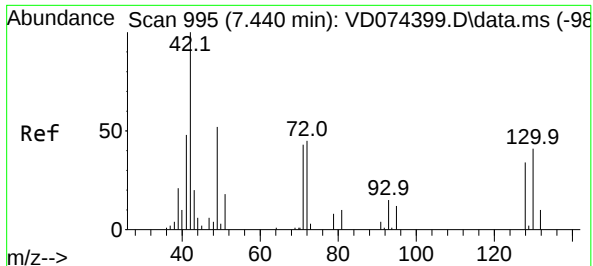
Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.6

130 75.5 62.2 93.2





#29

Tetrahydrofuran

Concen: 100.577 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

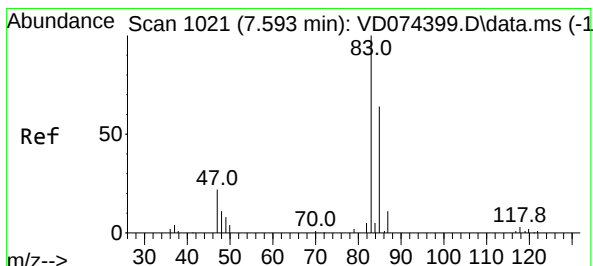
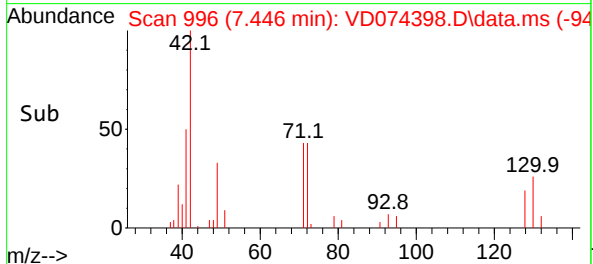
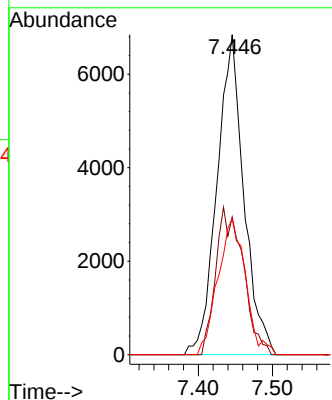
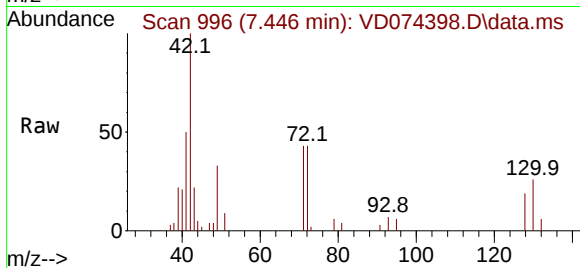
Tgt Ion:	42	Resp:	1720
Ion Ratio	Lower	Upper	
42	100		
72	46.9	36.1	54.1
71	43.7	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/23/2022



#30

Chloroform

Concen: 20.588 ug/l

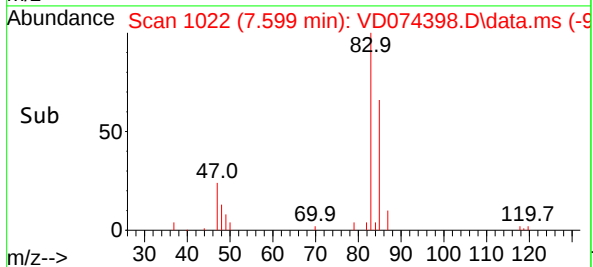
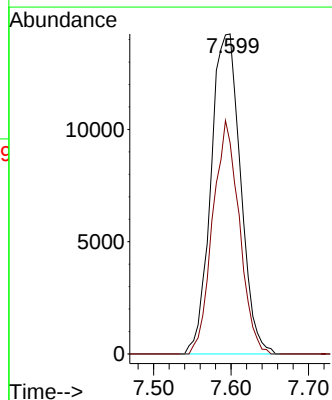
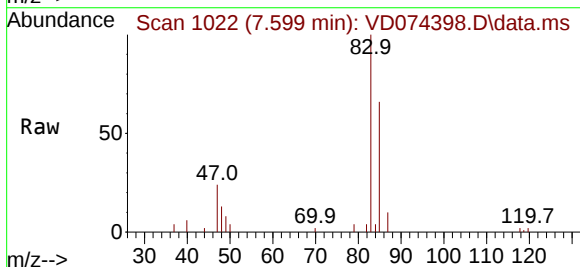
RT: 7.599 min Scan# 1022

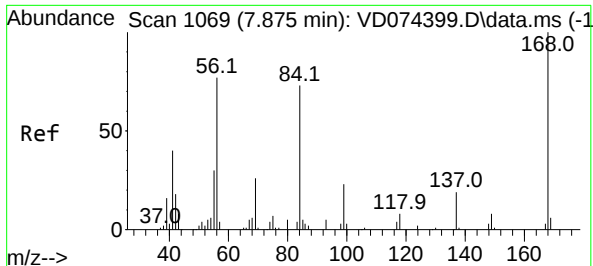
Delta R.T. 0.006 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

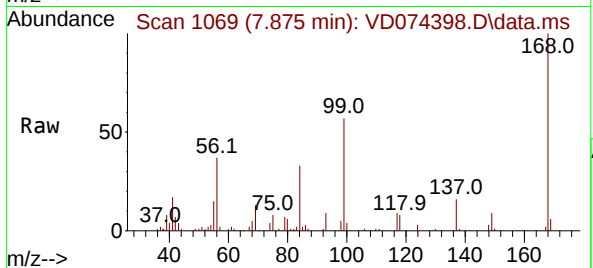
Tgt Ion:	83	Resp:	37778
Ion Ratio	Lower	Upper	
83	100		
85	66.0	56.7	85.1





#31
Cyclohexane
Concen: 20.806 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

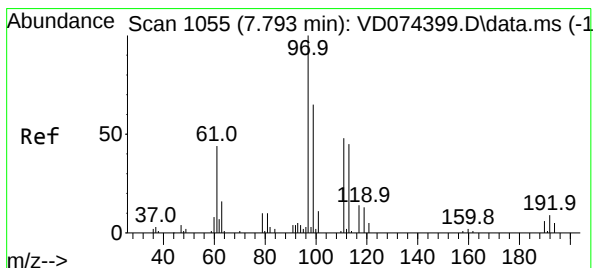
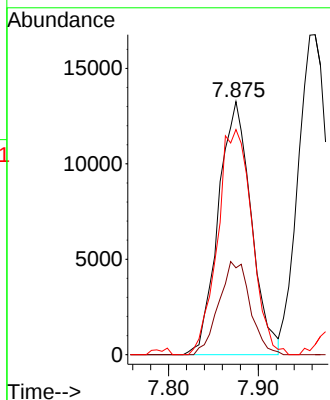
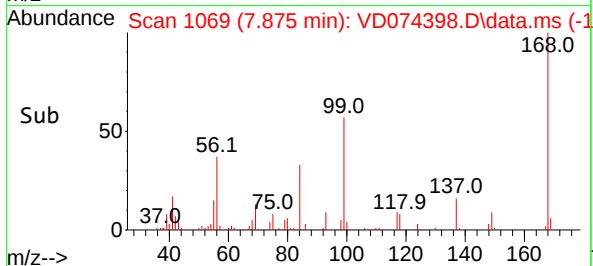
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



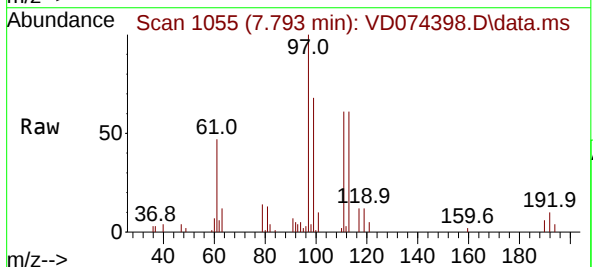
Tgt Ion: 56 Resp: 33770
Ion Ratio Lower Upper
56 100
69 34.3 25.7 38.5
84 88.9 73.9 110.9

Manual Integrations
APPROVED

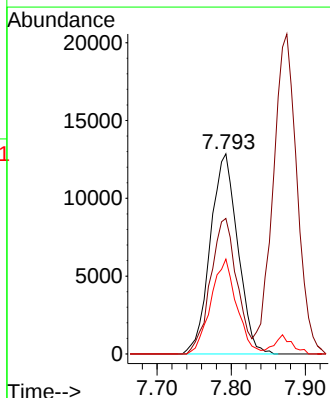
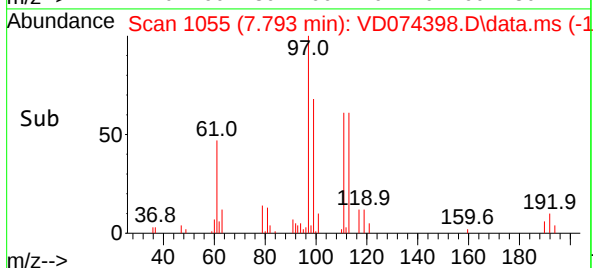
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

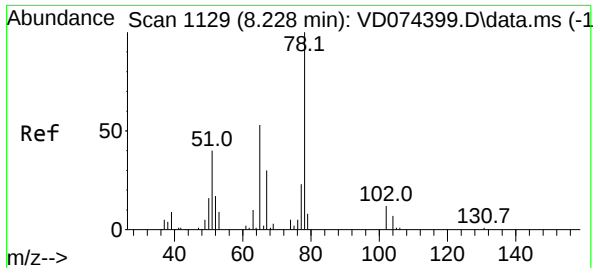


#32
1,1,1-Trichloroethane
Concen: 20.921 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



Tgt Ion: 97 Resp: 33039
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 44.5 33.8 50.8





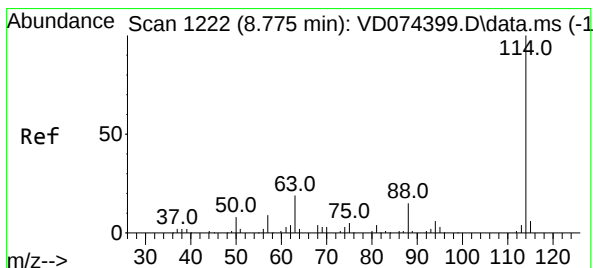
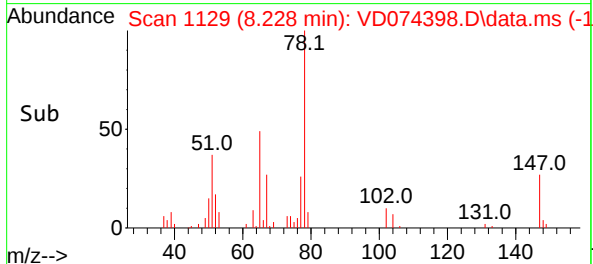
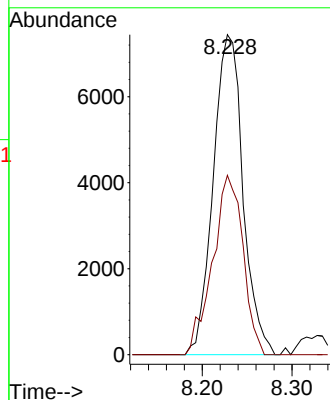
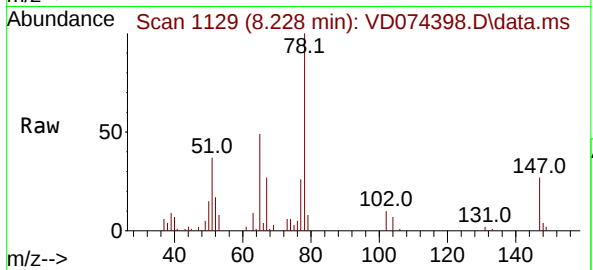
#33
1,2-Dichloroethane-d4
Concen: 19.762 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 17162
Ion Ratio Lower Upper
65 100
67 57.1 0.0 110.6

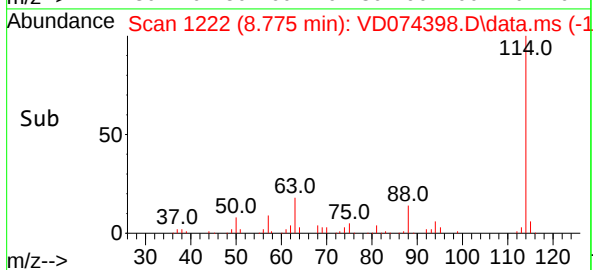
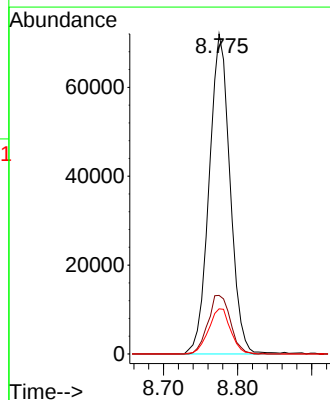
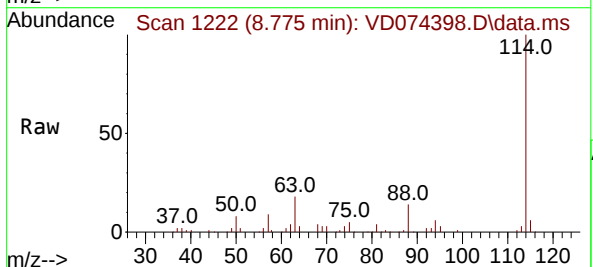
Manual Integrations
APPROVED

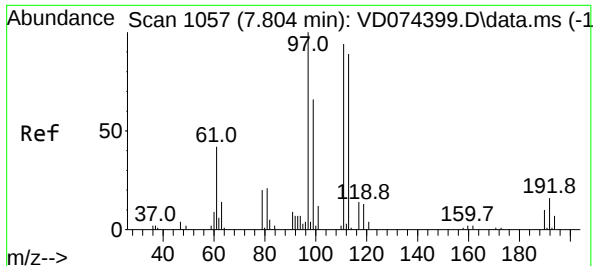
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Tgt Ion:114 Resp: 140681
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.6
88 14.1 0.0 28.4





#35

Dibromofluoromethane

Concen: 24.131 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

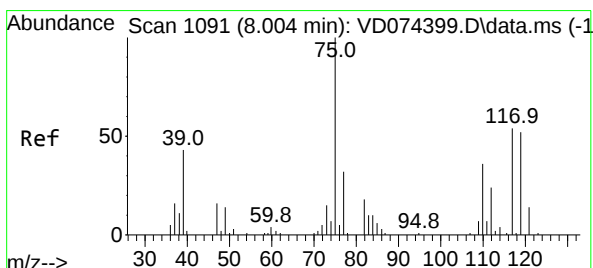
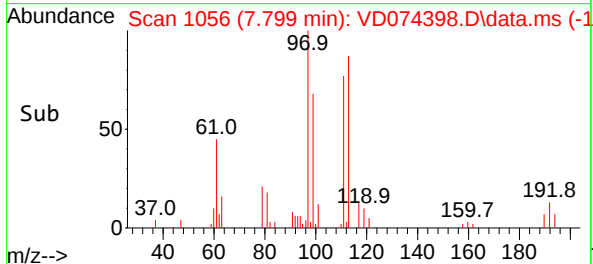
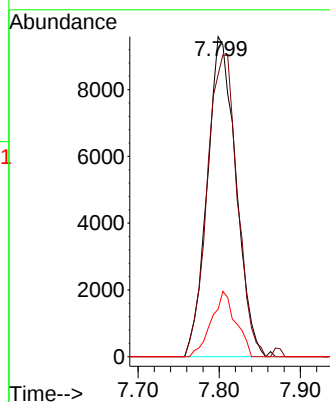
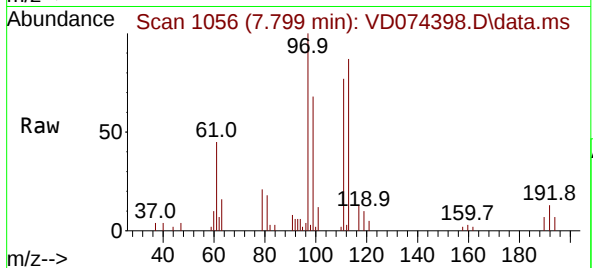
Tgt Ion:	113	Resp:	2356
Ion Ratio	Lower	Upper	
113	100		
111	98.7	83.0	124.6
192	17.3	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/23/2022



#36

1,1-Dichloropropene

Concen: 21.333 ug/l

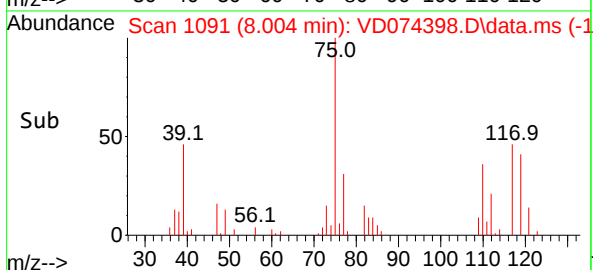
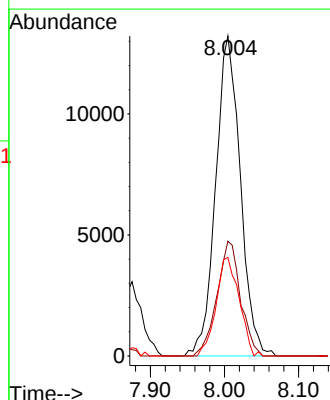
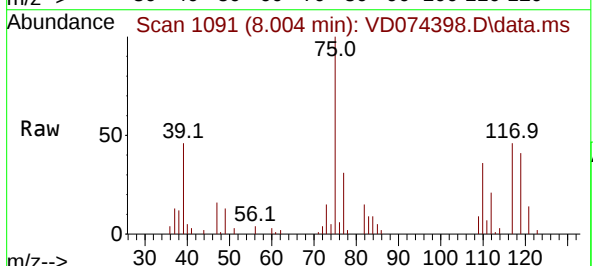
RT: 8.004 min Scan# 1091

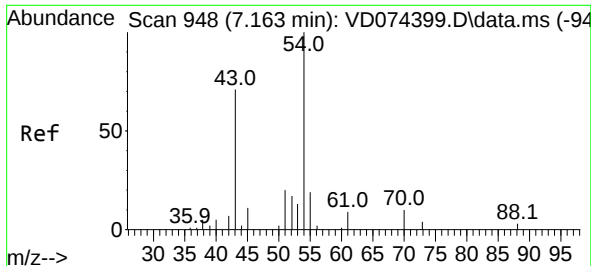
Delta R.T. 0.000 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Tgt Ion:	75	Resp:	30594
Ion Ratio	Lower	Upper	
75	100		
110	34.2	17.5	52.5
77	28.8	24.8	37.2





#37

Ethyl Acetate

Concen: 19.267 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 1172

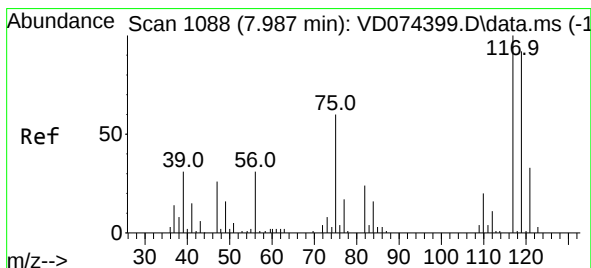
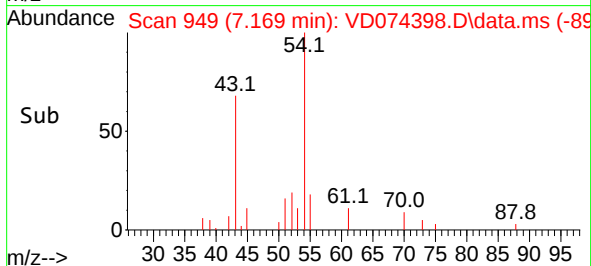
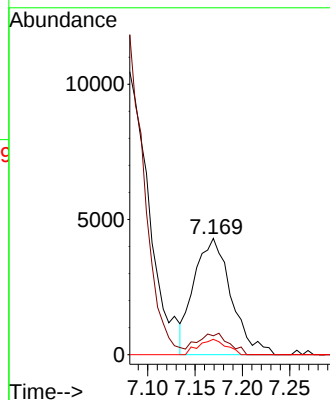
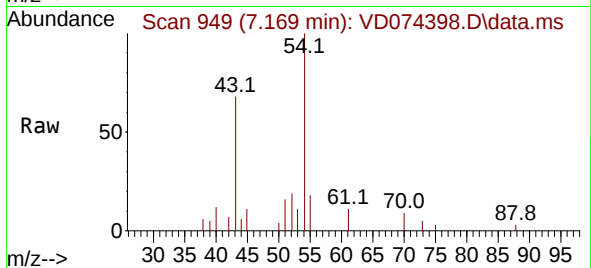
Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.1	18.1
70	9.8	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/23/2022



#38

Carbon Tetrachloride

Concen: 20.291 ug/l

RT: 7.993 min Scan# 1089

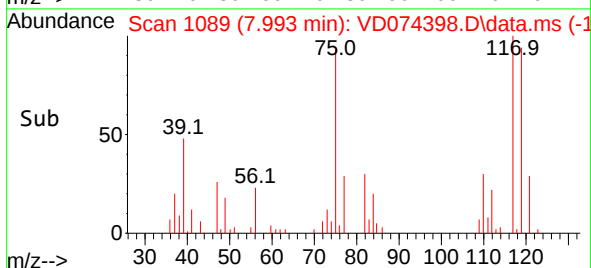
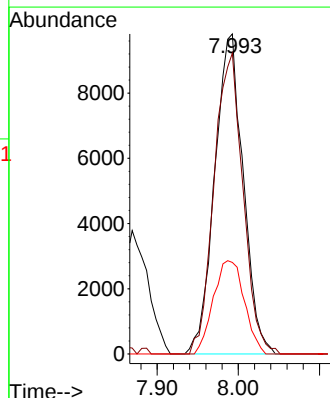
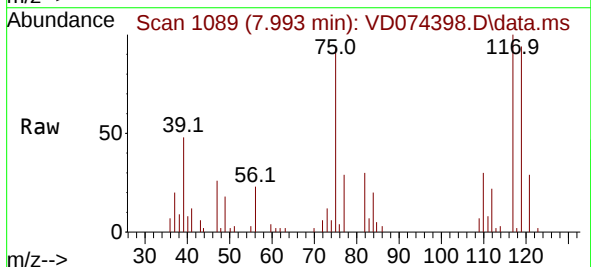
Delta R.T. 0.006 min

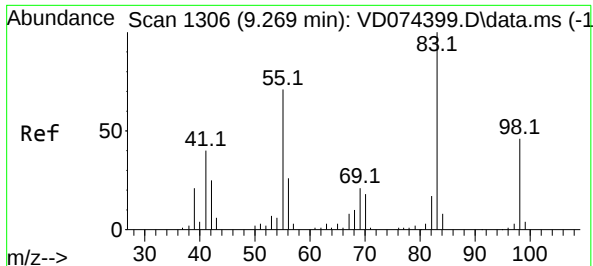
Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Tgt Ion:117 Resp: 24014

Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.8	118.2
121	28.6	23.9	35.9





#39

Methylcyclohexane

Concen: 20.309 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

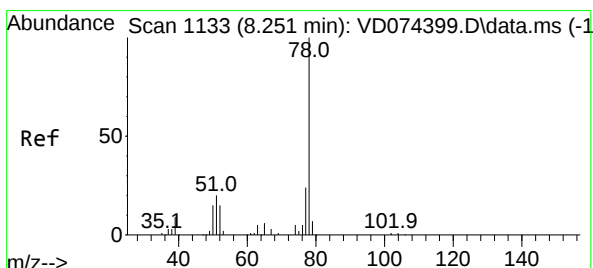
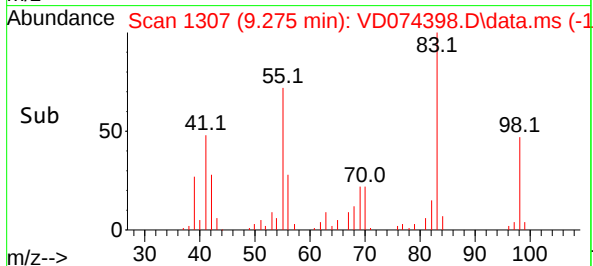
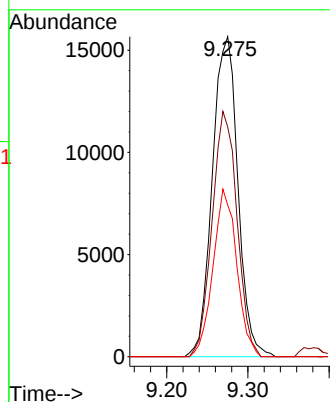
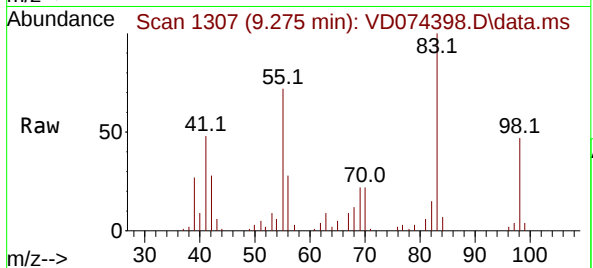
Tgt Ion: 83	Resp: 3429
Ion Ratio	Lower Upper
83 100	
55 71.8	57.2 85.8
98 47.4	38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/23/2022



#40

Benzene

Concen: 20.654 ug/l

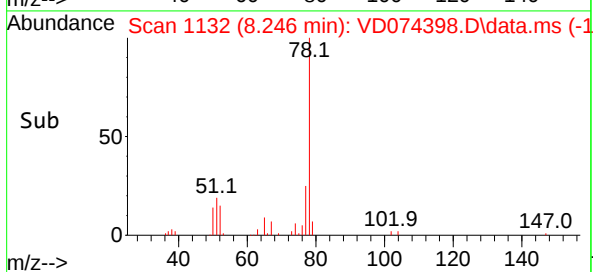
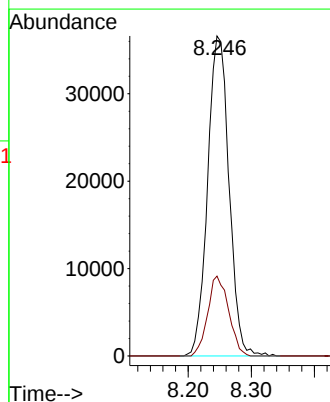
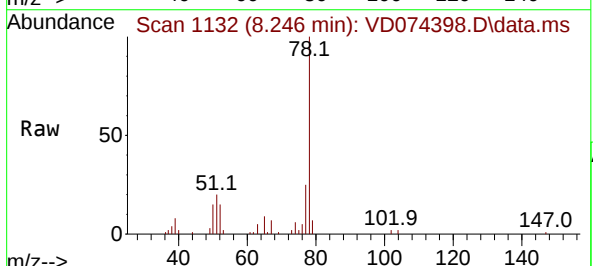
RT: 8.246 min Scan# 1132

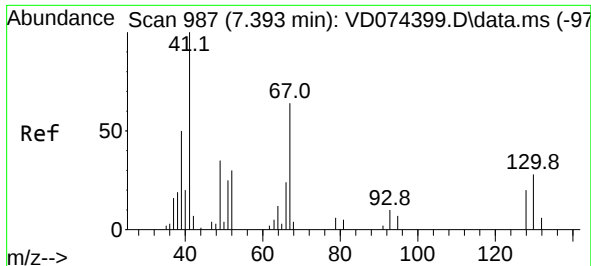
Delta R.T. -0.006 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

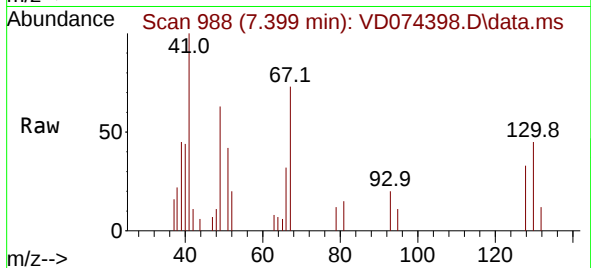
Tgt Ion: 78	Resp: 86091
Ion Ratio	Lower Upper
78 100	
77 25.0	19.4 29.2





#41
Methacrylonitrile
Concen: 22.125 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

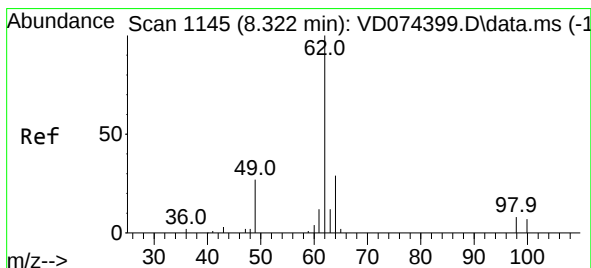
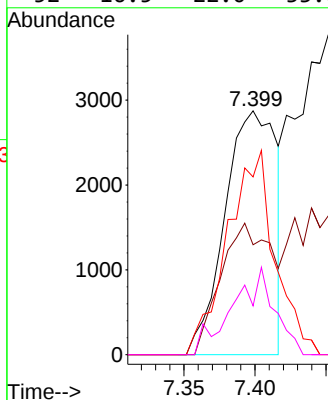
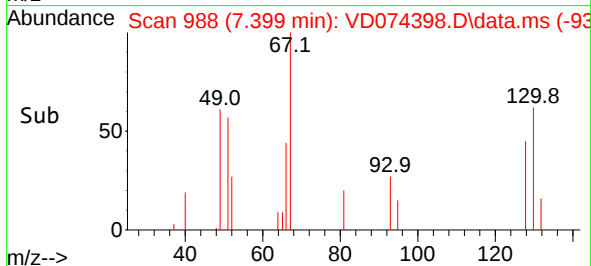
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 724
Ion Ratio Lower Upper
41 100
39 53.3 39.8 59.6
67 77.2 56.1 84.1
52 16.5 22.0 33.0#

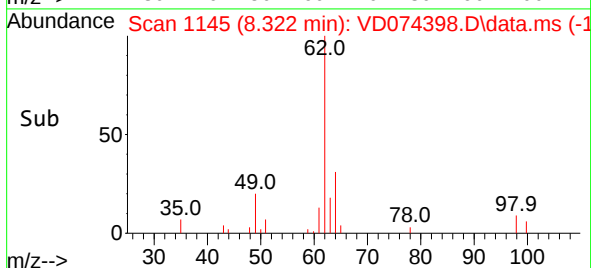
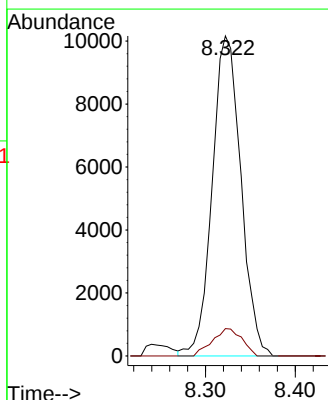
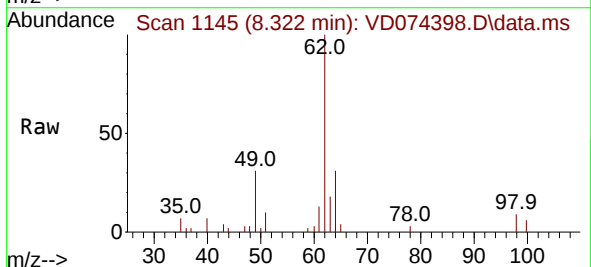
Manual Integrations
APPROVED

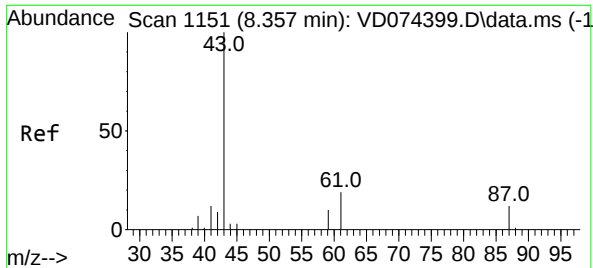
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022



#42
1,2-Dichloroethane
Concen: 21.170 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

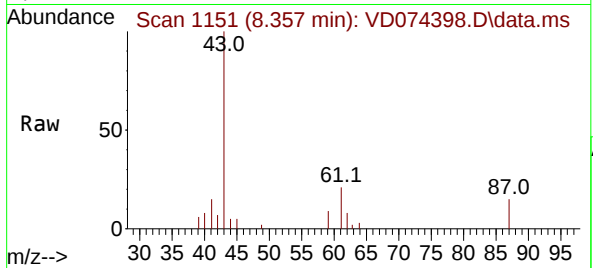
Tgt Ion: 62 Resp: 22504
Ion Ratio Lower Upper
62 100
98 8.8 0.0 21.4





#43
Isopropyl Acetate
Concen: 19.931 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

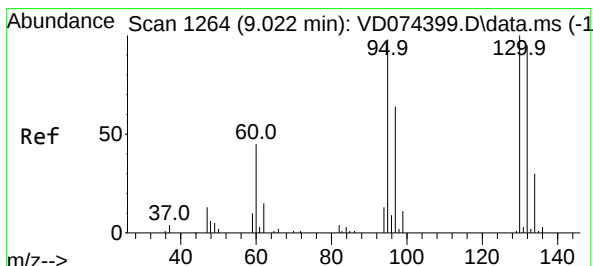
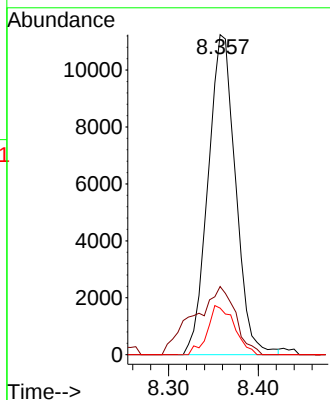
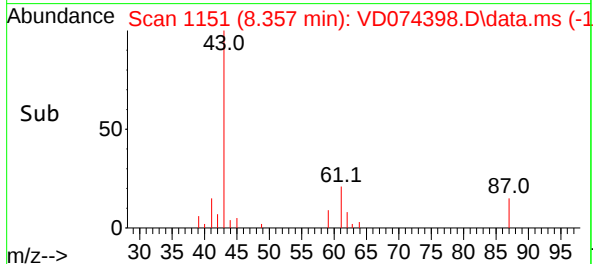
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



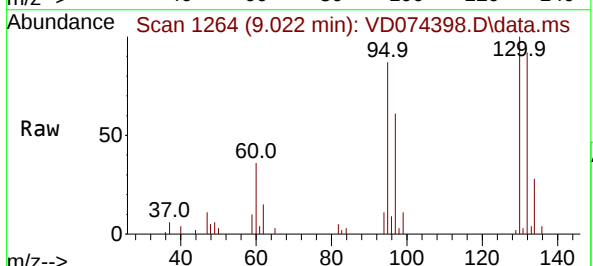
Tgt Ion: 43 Resp: 23920
Ion Ratio Lower Upper
43 100
61 32.1 24.5 36.7
87 14.9 10.8 16.2

Manual Integrations
APPROVED

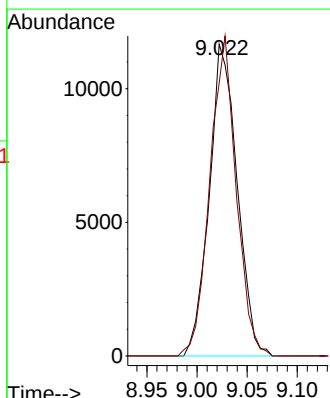
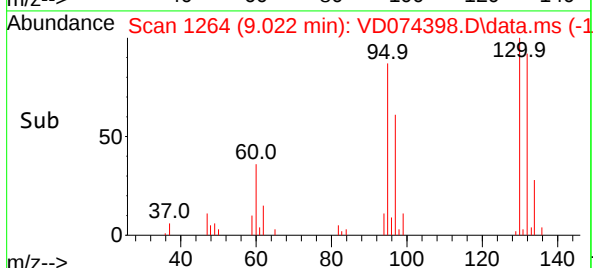
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

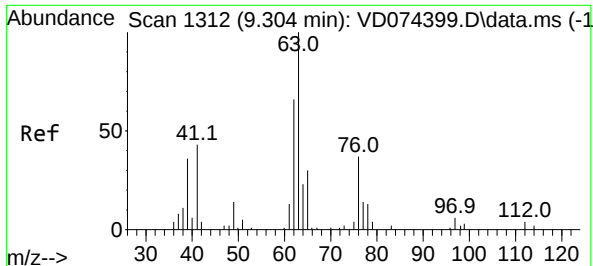


#44
Trichloroethene
Concen: 20.876 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



Tgt Ion:130 Resp: 22619
Ion Ratio Lower Upper
130 100
95 87.4 0.0 202.2





#45

1,2-Dichloropropane

Concen: 19.823 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 21600

Ion Ratio Lower Upper

63 100

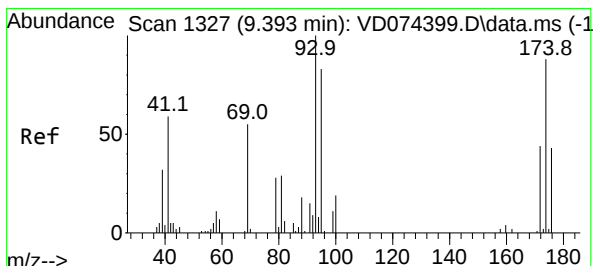
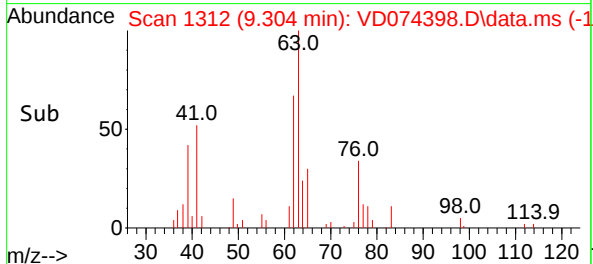
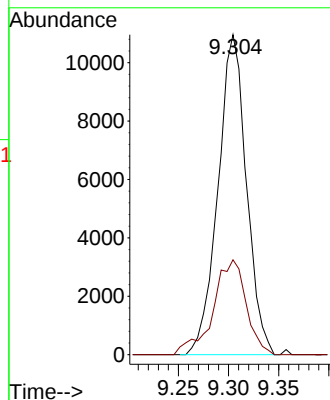
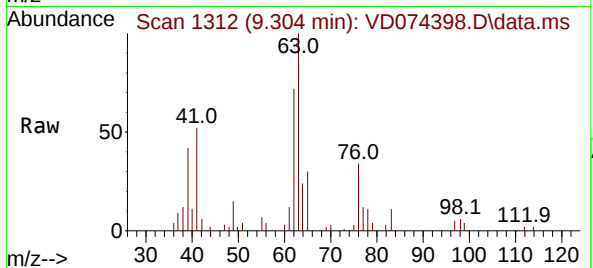
65 29.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/23/2022



#46

Dibromomethane

Concen: 19.953 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

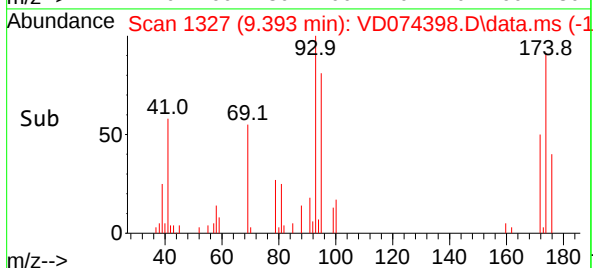
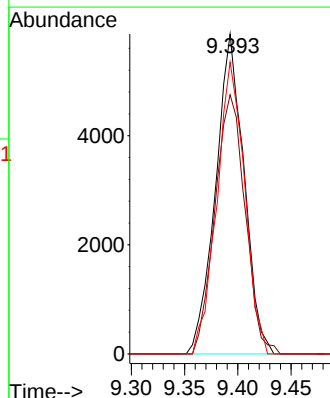
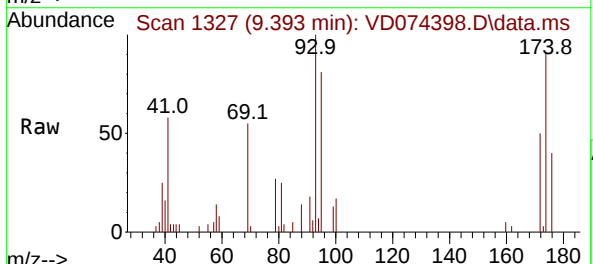
Tgt Ion: 93 Resp: 10875

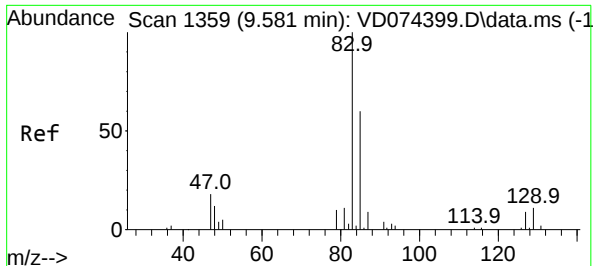
Ion Ratio Lower Upper

93 100

95 85.7 67.7 101.5

174 89.1 79.6 119.4





#47

Bromodichloromethane

Concen: 19.723 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 26870

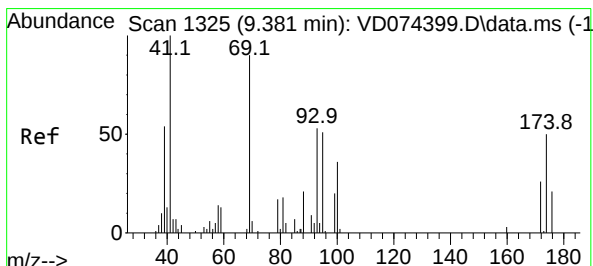
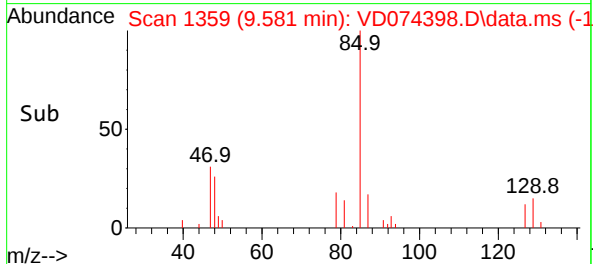
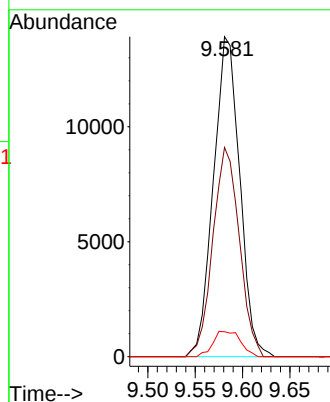
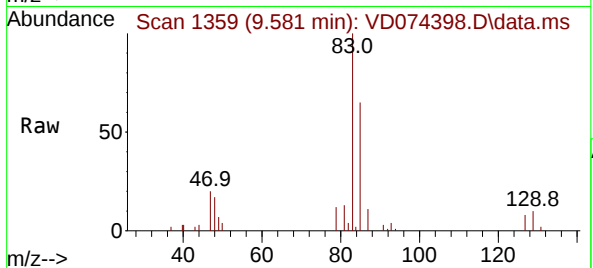
Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.4	80.2
127	7.8	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/23/2022



#48

Methyl methacrylate

Concen: 18.603 ug/l

RT: 9.381 min Scan# 1325

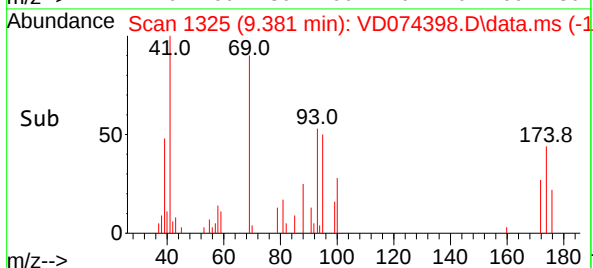
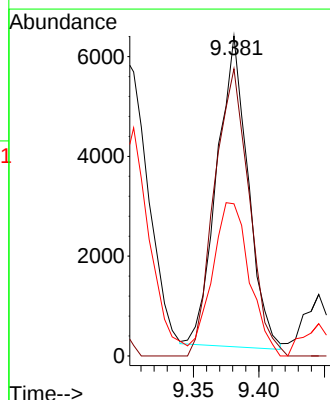
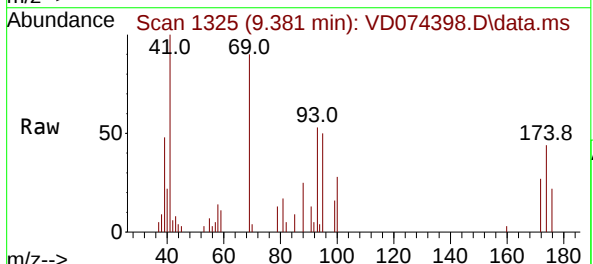
Delta R.T. 0.000 min

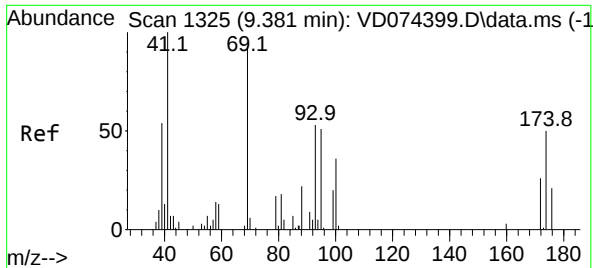
Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Tgt Ion: 41 Resp: 10278

Ion	Ratio	Lower	Upper
41	100		
69	102.7	72.7	109.1
39	58.9	41.6	62.4





#49

1,4-Dioxane

Concen: 397.196 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 2550

Ion Ratio Lower Upper

88 100

43 39.2 27.0 40.4

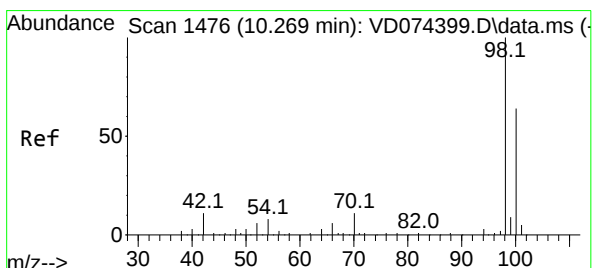
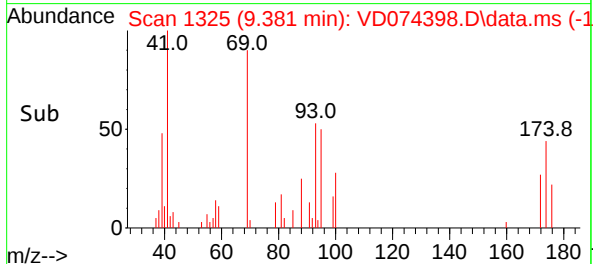
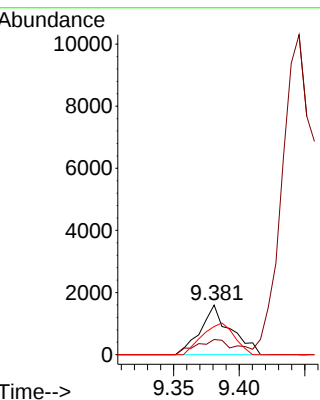
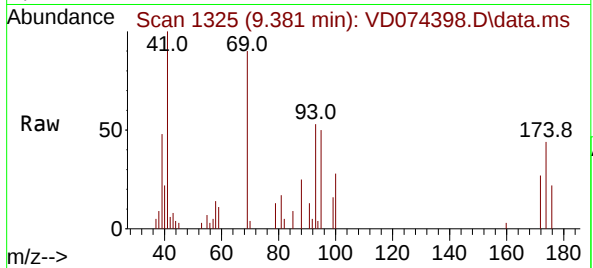
58 67.6 54.2 81.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/23/2022



#50

Toluene-d8

Concen: 17.104 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD074398.D

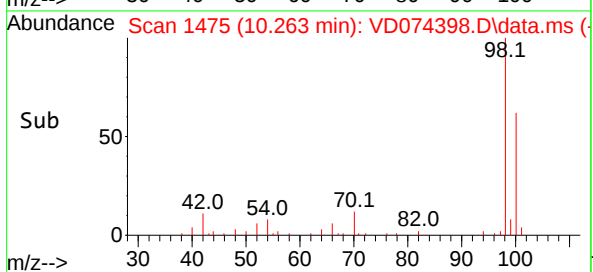
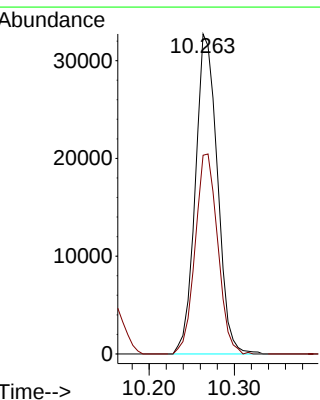
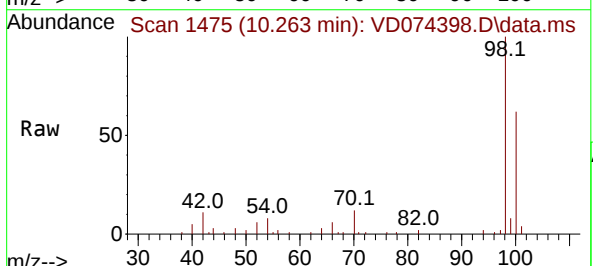
Acq: 22 Sep 2022 11:43

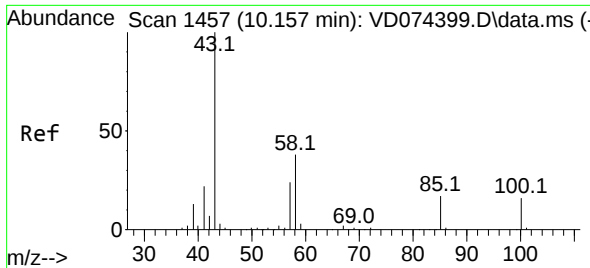
Tgt Ion: 98 Resp: 58792

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.8





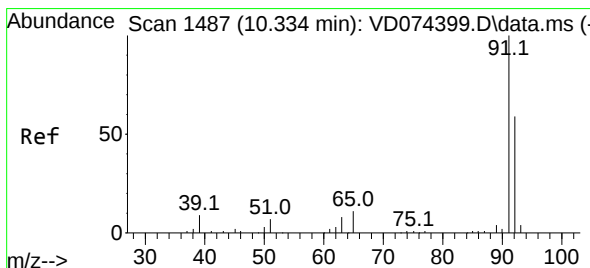
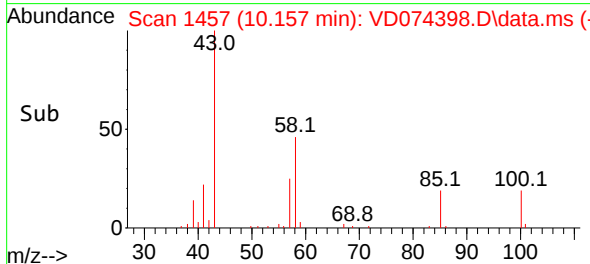
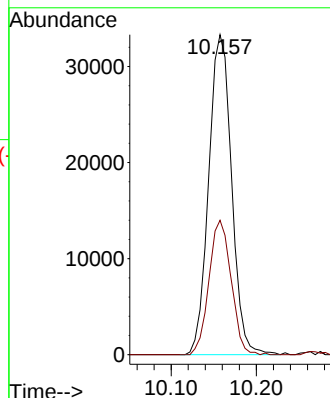
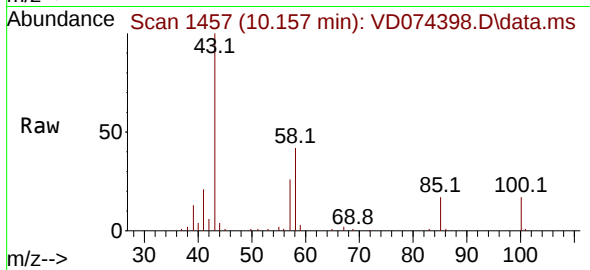
#51
4-Methyl-2-Pentanone
Concen: 100.483 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 6219
Ion Ratio Lower Upper
43 100
58 40.7 33.3 49.9

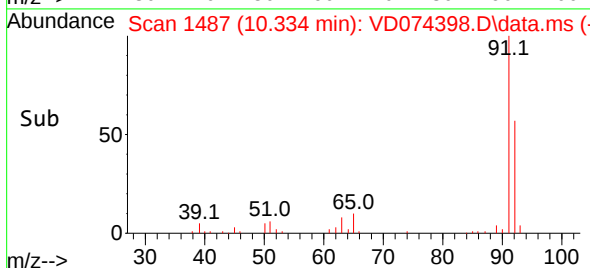
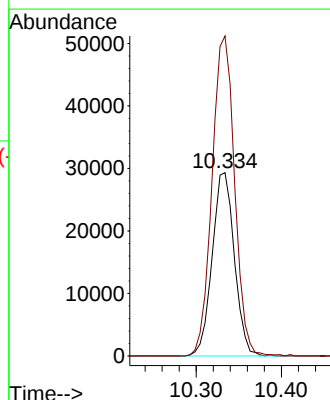
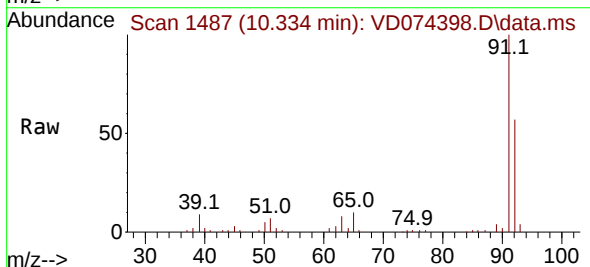
Manual Integrations
APPROVED

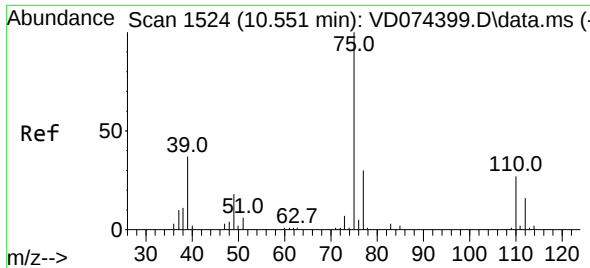
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022



#52
Toluene
Concen: 20.331 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

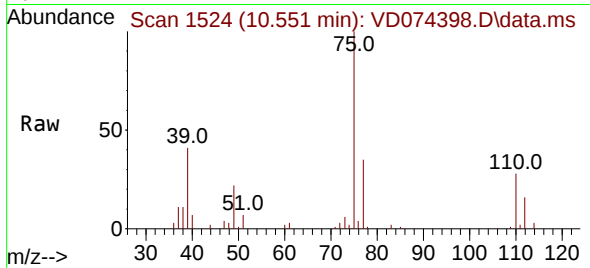
Tgt Ion: 92 Resp: 53005
Ion Ratio Lower Upper
92 100
91 177.6 139.3 208.9





#53
t-1,3-Dichloropropene
Concen: 19.727 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

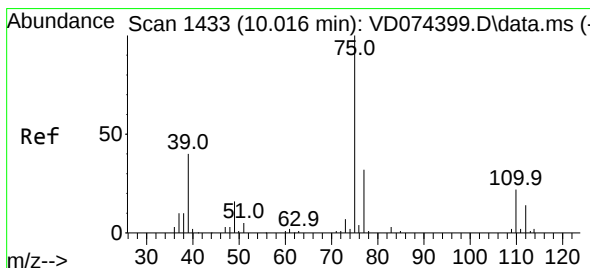
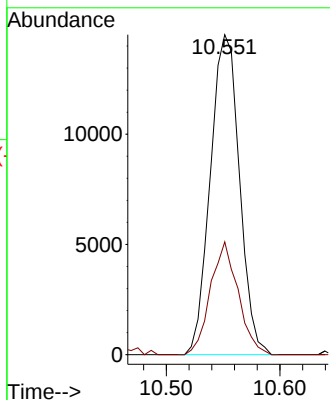
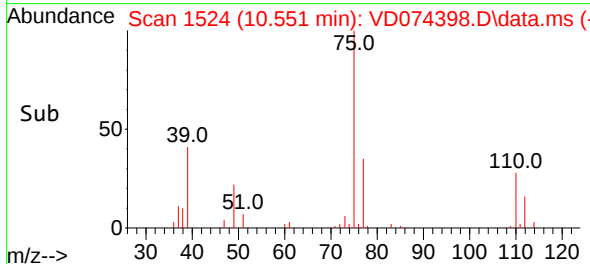
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



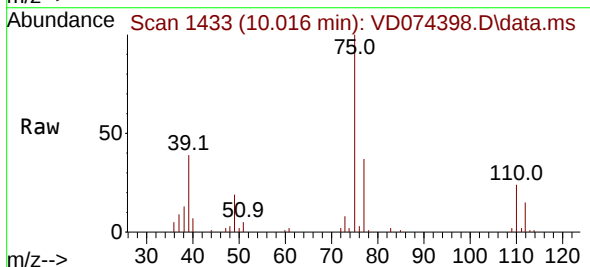
Tgt Ion: 75 Resp: 25880
Ion Ratio Lower Upper
75 100
77 35.3 25.7 38.5

Manual Integrations
APPROVED

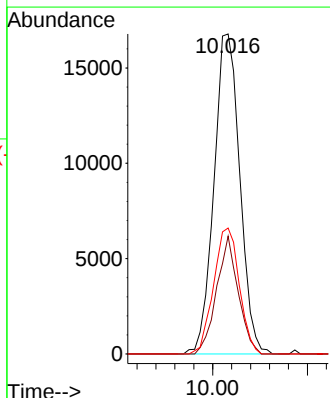
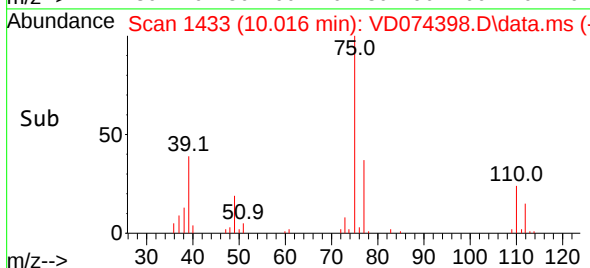
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

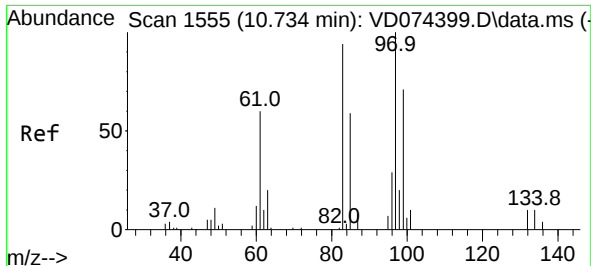


#54
cis-1,3-Dichloropropene
Concen: 19.708 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



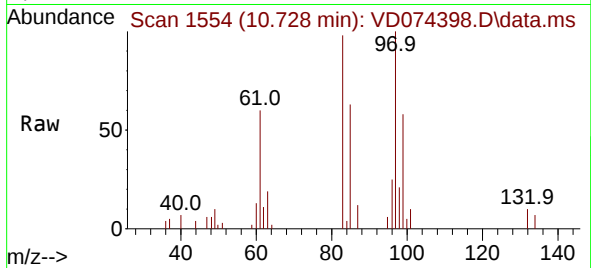
Tgt Ion: 75 Resp: 31799
Ion Ratio Lower Upper
75 100
77 36.8 25.4 38.0
39 39.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.321 ug/l
RT: 10.728 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

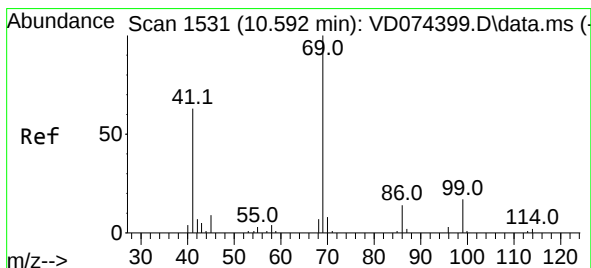
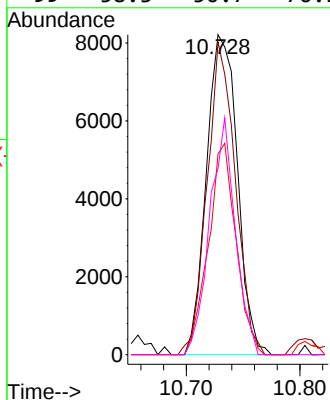
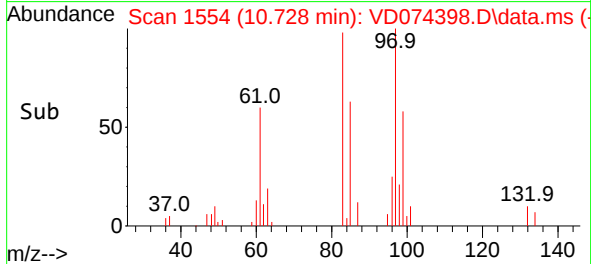
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



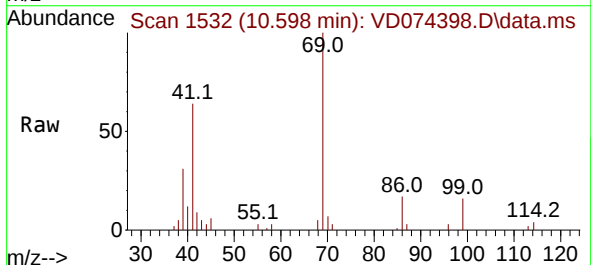
Tgt Ion:	97	Resp:	1556
Ion	Ratio	Lower	Upper
97	100		
83	97.7	68.0	102.0
85	62.7	45.8	68.8
99	58.3	50.7	76.1

Manual Integrations
APPROVED

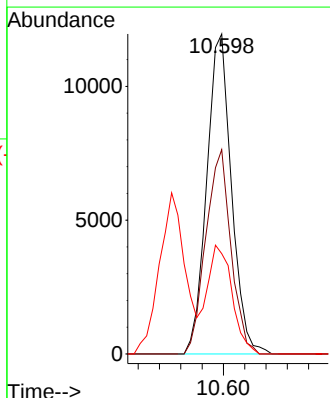
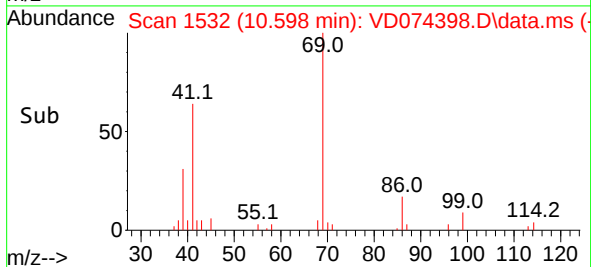
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

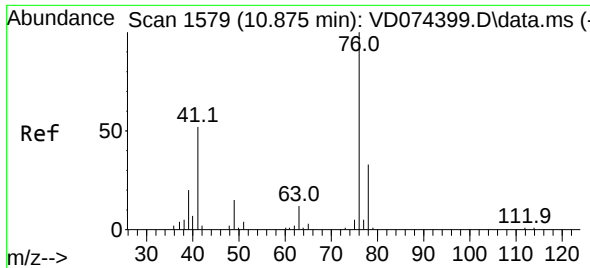


#56
Ethyl methacrylate
Concen: 19.975 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



Tgt Ion:	69	Resp:	19257
Ion	Ratio	Lower	Upper
69	100		
41	64.9	49.4	74.2
39	34.4	24.2	36.4





#57

1,3-Dichloropropane

Concen: 20.408 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 27320

Ion Ratio Lower Upper

76 100

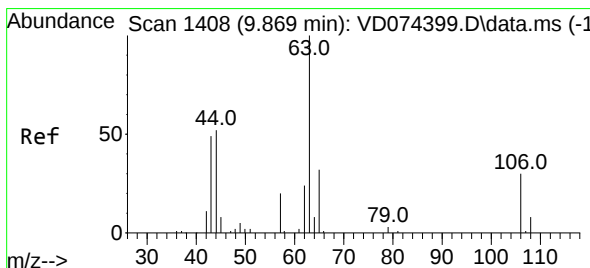
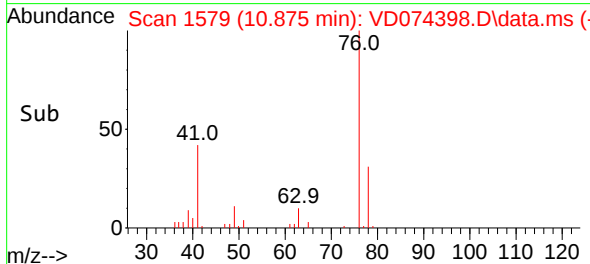
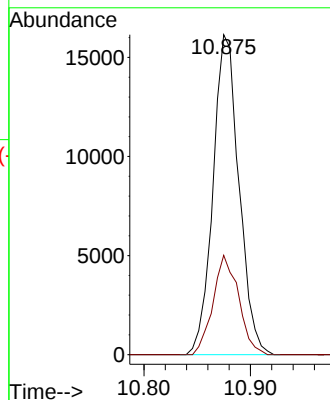
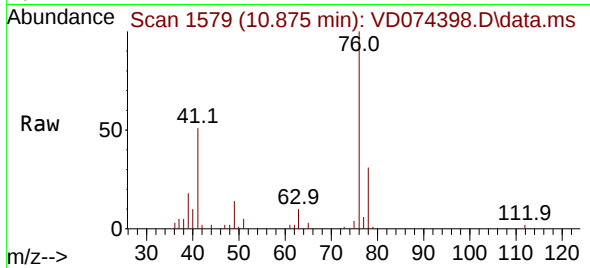
78 30.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 76.893 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074398.D

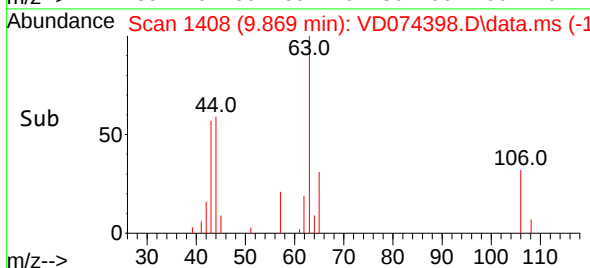
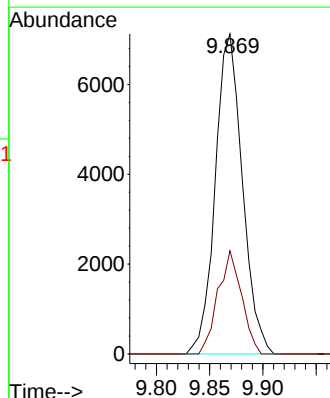
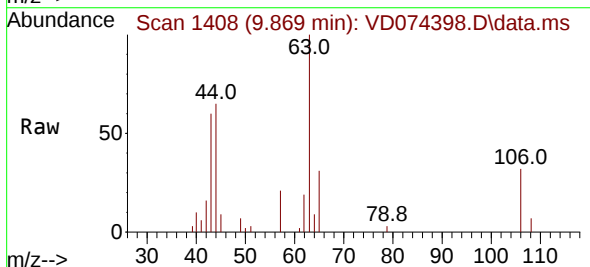
Acq: 22 Sep 2022 11:43

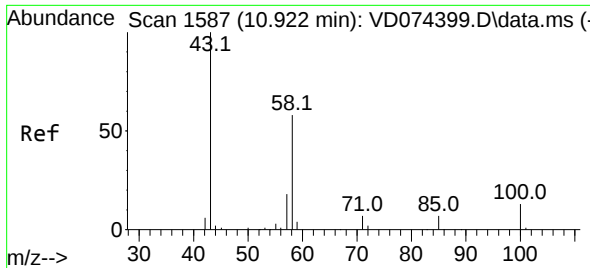
Tgt Ion: 63 Resp: 12603

Ion Ratio Lower Upper

63 100

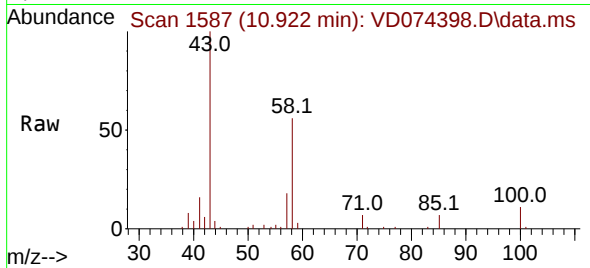
106 28.1 21.9 32.9





#59
2-Hexanone
Concen: 101.795 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

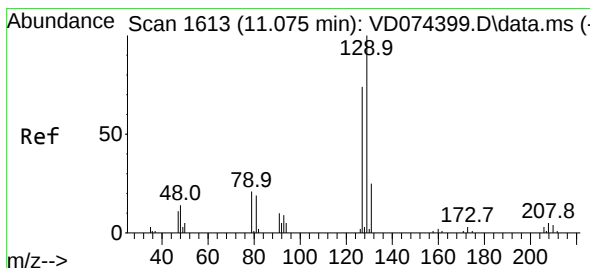
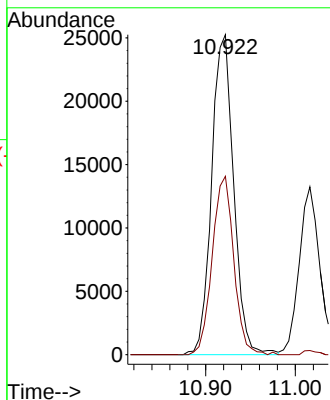
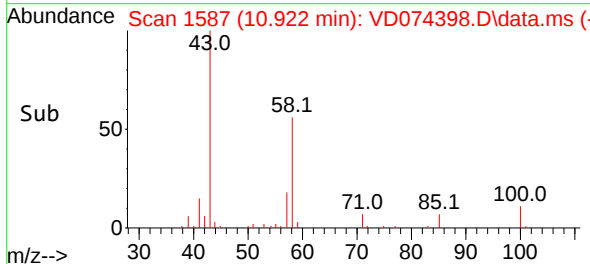
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



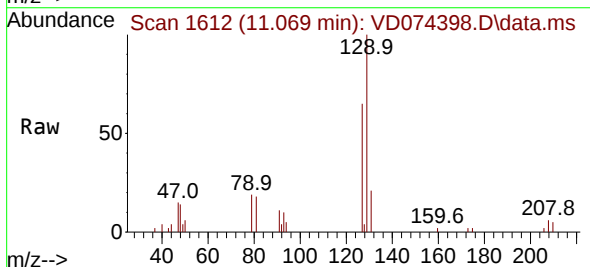
Tgt Ion: 43 Resp: 43045
Ion Ratio Lower Upper
43 100
58 54.6 28.6 85.8

Manual Integrations
APPROVED

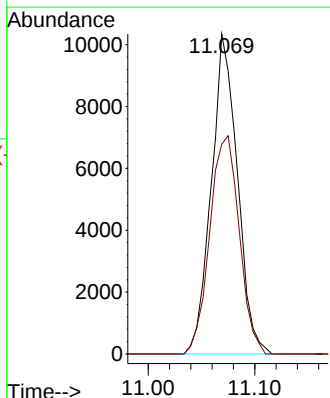
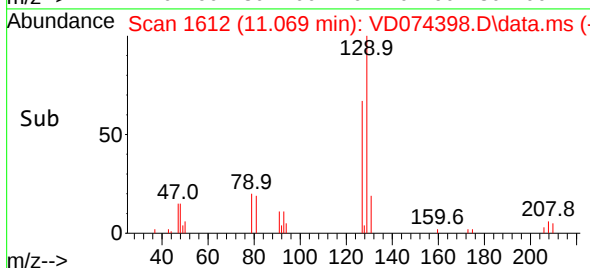
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

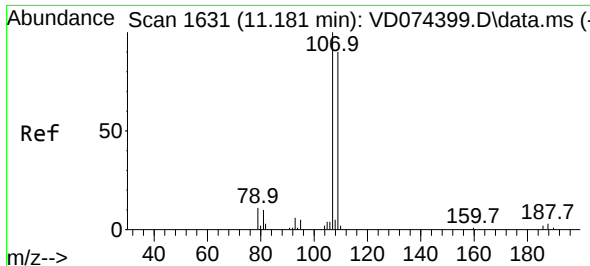


#60
Dibromochloromethane
Concen: 20.058 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



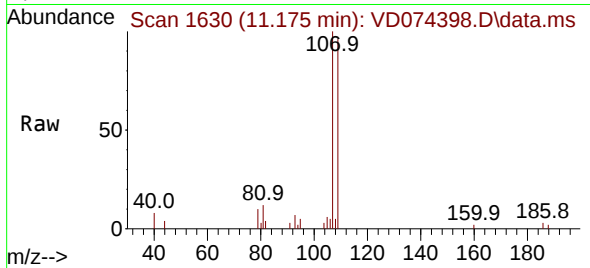
Tgt Ion:129 Resp: 17547
Ion Ratio Lower Upper
129 100
127 77.0 39.0 116.9





#61
1,2-Dibromoethane
Concen: 19.163 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

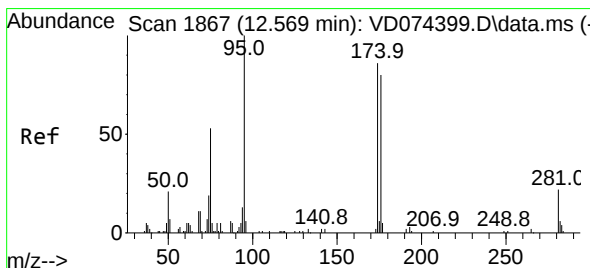
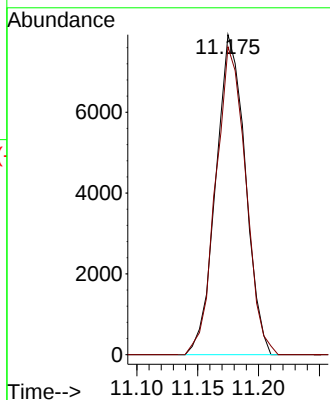
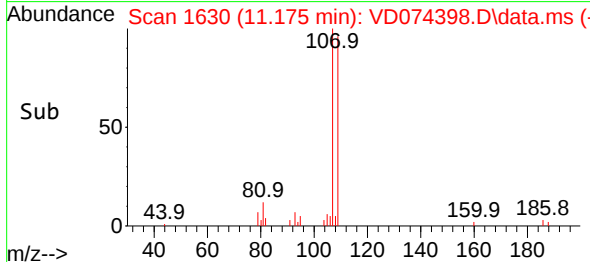
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



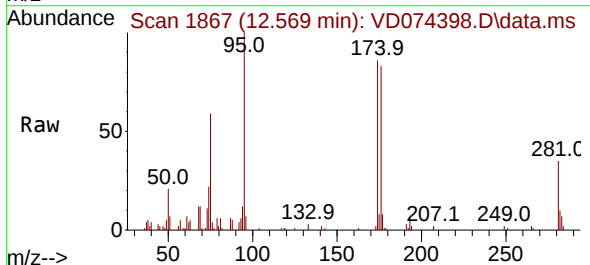
Tgt Ion:107 Resp: 13314
Ion Ratio Lower Upper
107 100
109 97.8 73.7 110.5

Manual Integrations
APPROVED

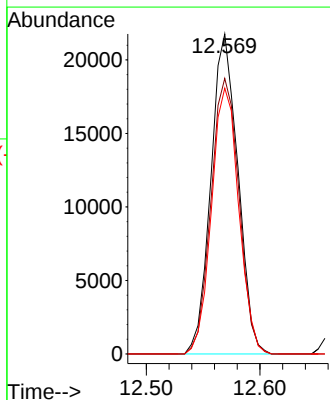
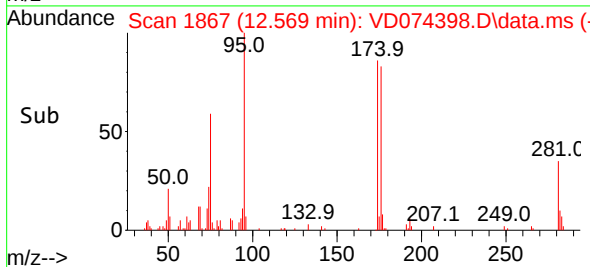
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

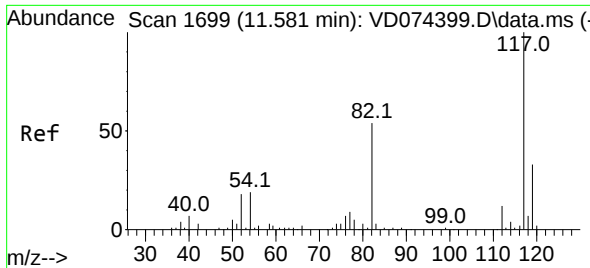


#62
4-Bromofluorobenzene
Concen: 26.768 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



Tgt Ion: 95 Resp: 36000
Ion Ratio Lower Upper
95 100
174 88.9 0.0 179.2
176 83.9 0.0 171.4





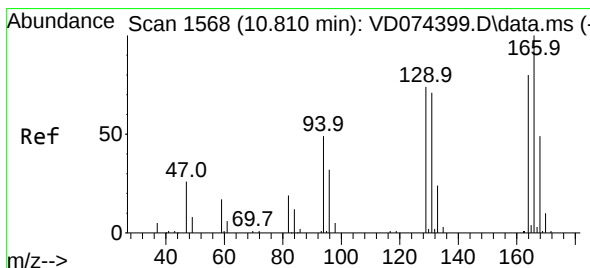
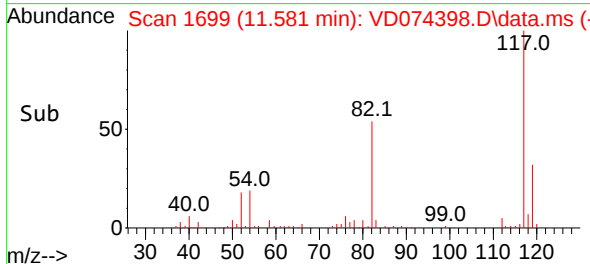
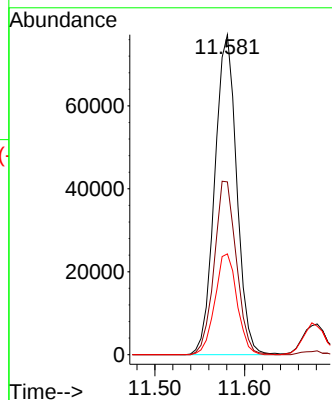
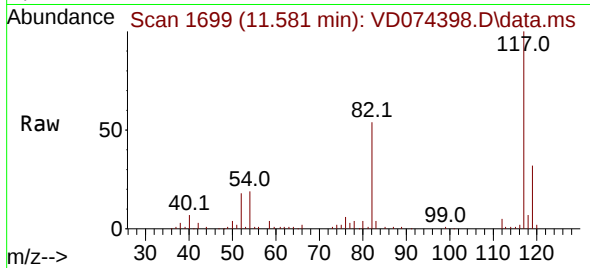
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 13120
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.5 25.4 38.0

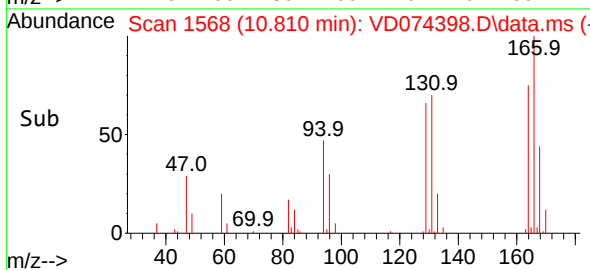
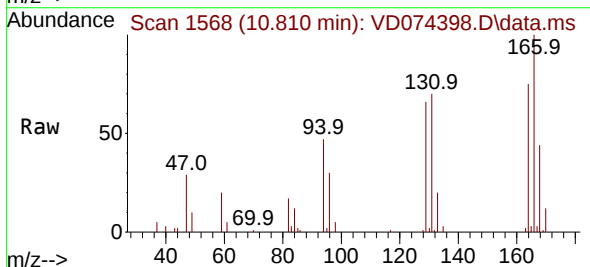
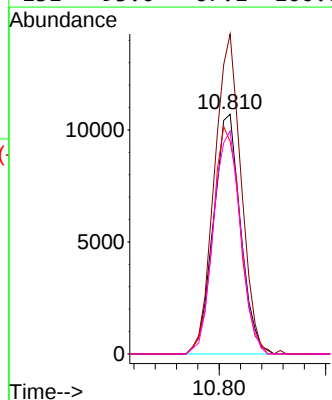
Manual Integrations
APPROVED

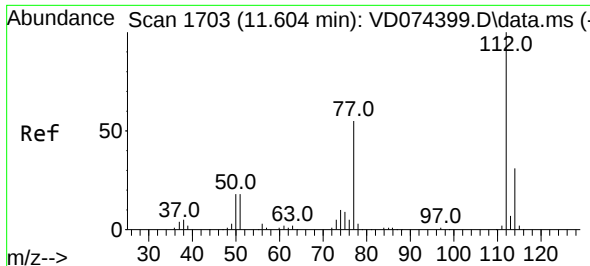
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022



#64
Tetrachloroethene
Concen: 19.934 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

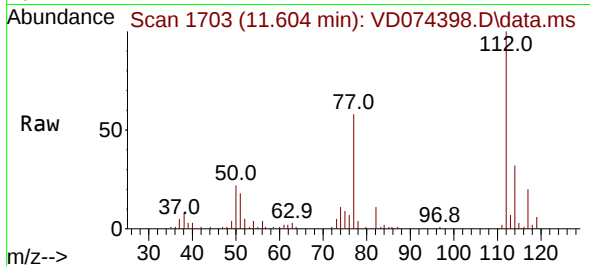
Tgt Ion:164 Resp: 18912
Ion Ratio Lower Upper
164 100
166 133.5 93.8 140.8
129 88.7 68.3 102.5
131 93.0 67.1 100.7





#65
Chlorobenzene
Concen: 19.937 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

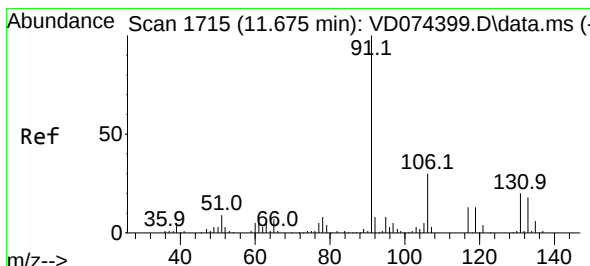
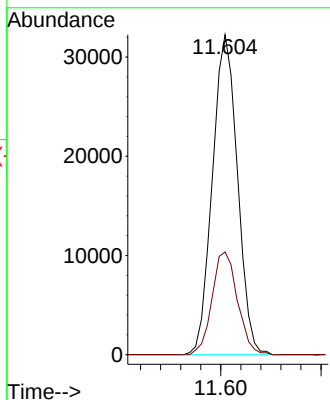
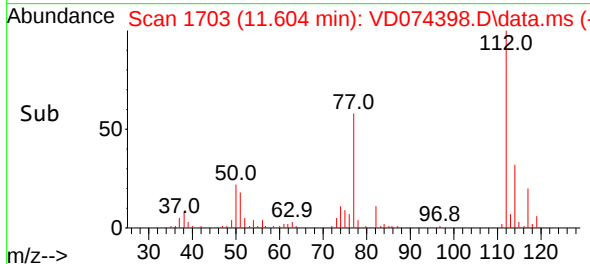
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



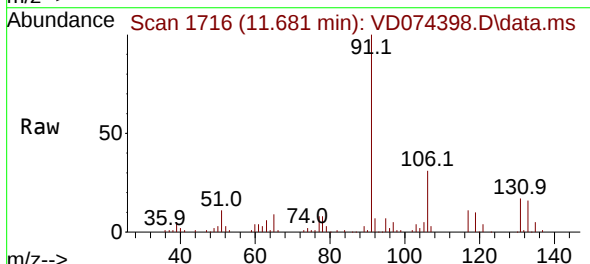
Tgt Ion:112 Resp: 55890
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

Manual Integrations
APPROVED

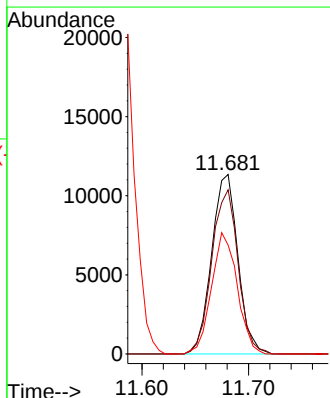
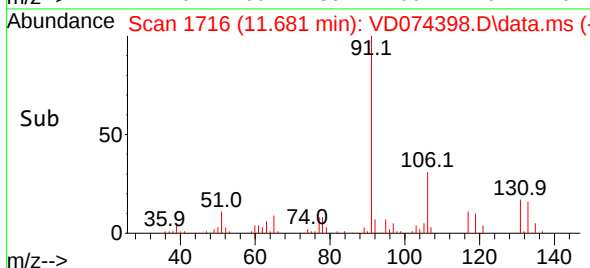
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

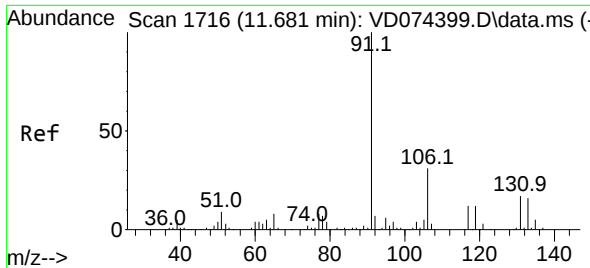


#66
1,1,1,2-Tetrachloroethane
Concen: 19.981 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



Tgt Ion:131 Resp: 19369
Ion Ratio Lower Upper
131 100
133 92.4 47.8 143.4
119 66.3 33.1 99.5





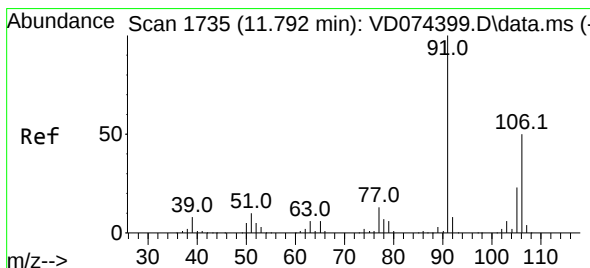
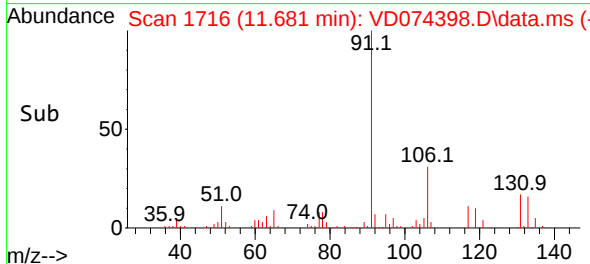
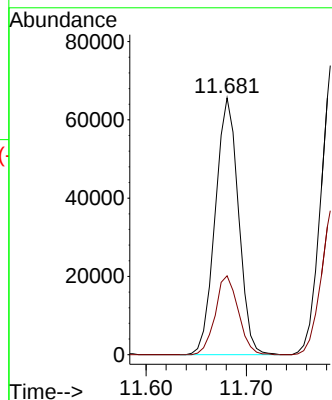
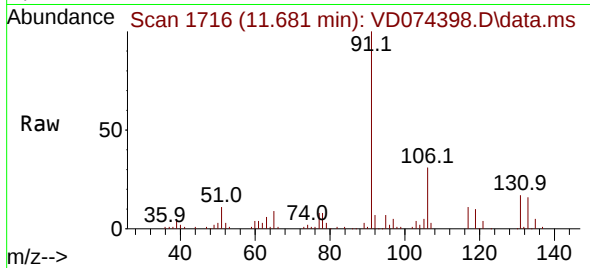
#67
Ethyl Benzene
Concen: 20.311 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 105620
Ion Ratio Lower Upper
91 100
106 30.7 24.8 37.2

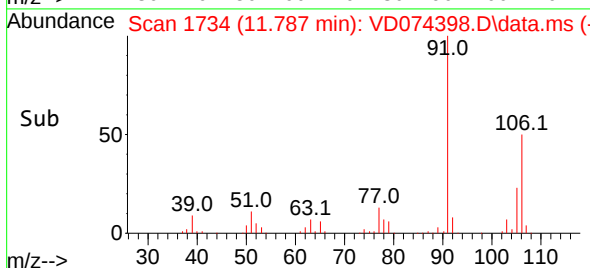
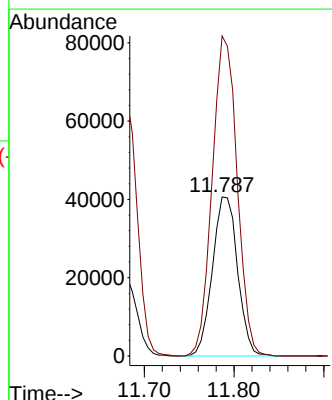
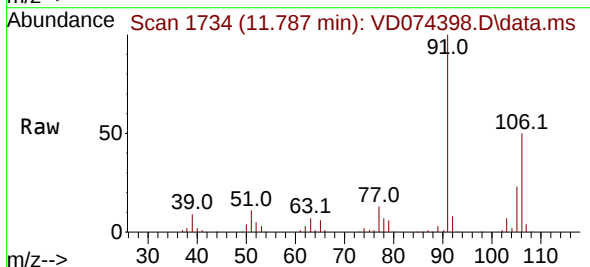
Manual Integrations
APPROVED

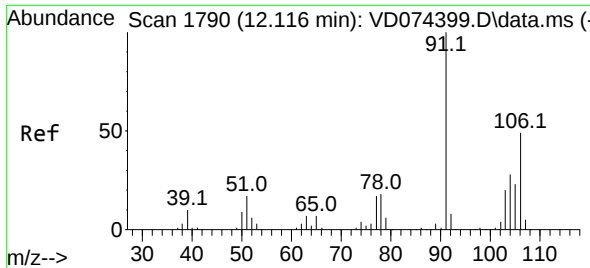
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022



#68
m/p-Xylenes
Concen: 40.496 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Tgt Ion:106 Resp: 78977
Ion Ratio Lower Upper
106 100
91 199.3 158.6 237.8





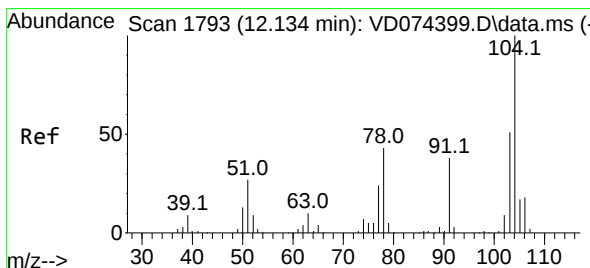
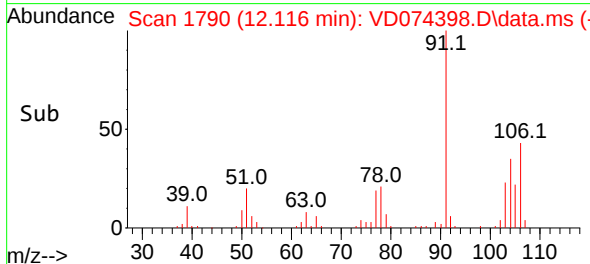
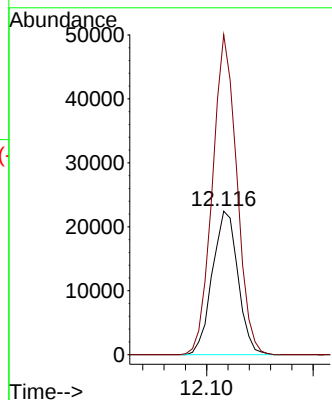
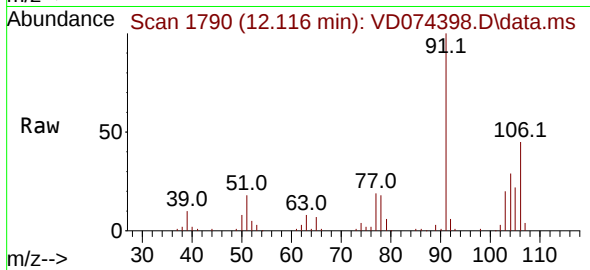
#69
o-Xylene
Concen: 20.221 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 3743
Ion Ratio Lower Upper
106 100
91 212.0 104.0 312.0

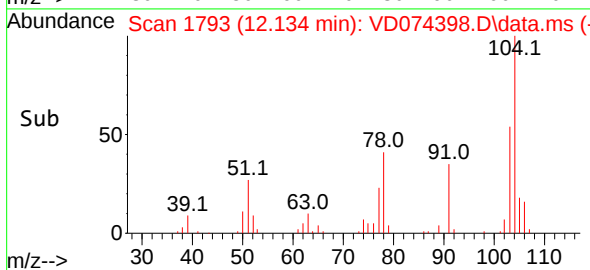
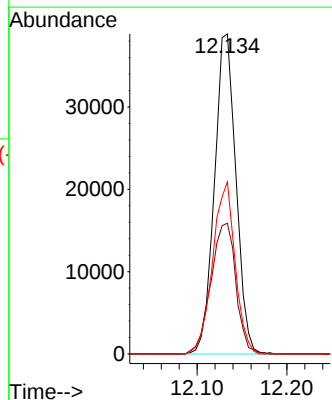
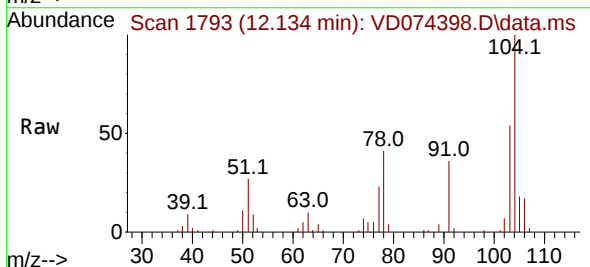
Manual Integrations
APPROVED

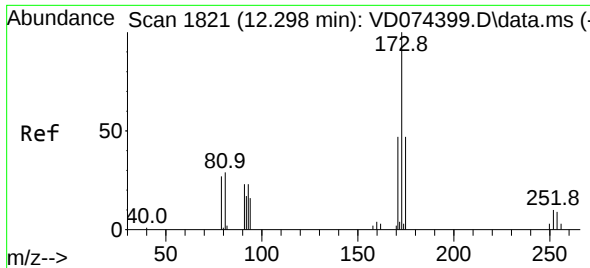
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022



#70
Styrene
Concen: 20.201 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

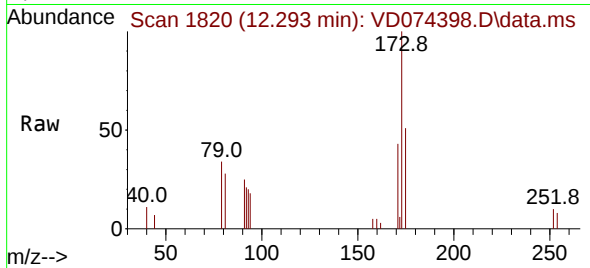
Tgt Ion:104 Resp: 64723
Ion Ratio Lower Upper
104 100
78 47.5 38.4 57.6
103 55.9 44.1 66.1





#71
Bromoform
Concen: 20.689 ug/l
RT: 12.293 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

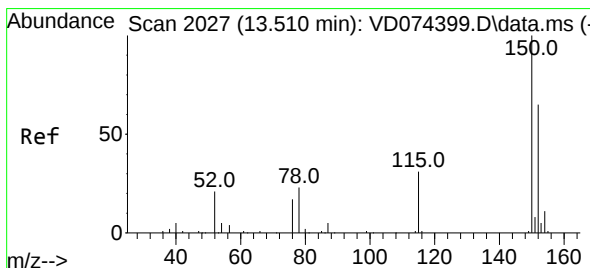
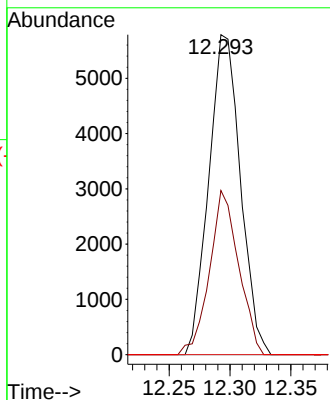
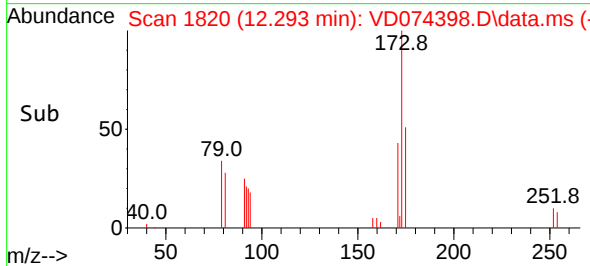
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



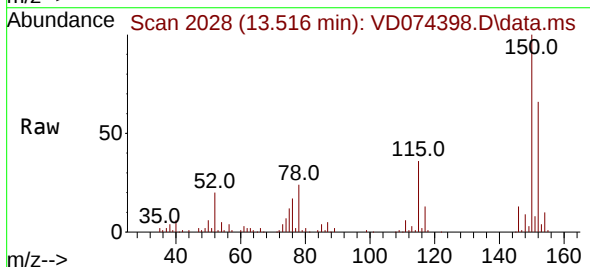
Tgt Ion:173 Resp: 10490
Ion Ratio Lower Upper
173 100
175 47.2 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

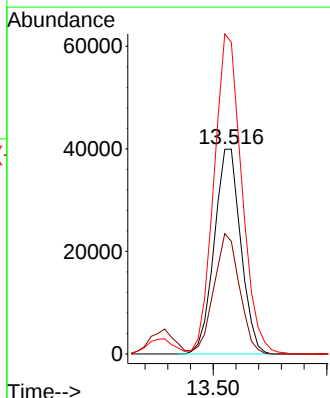
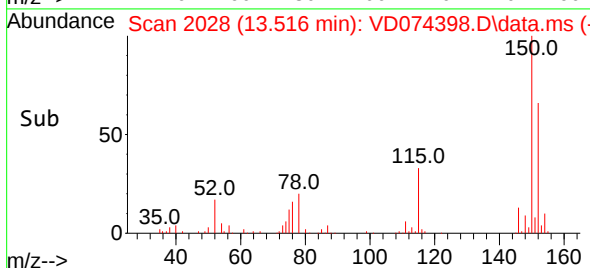
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

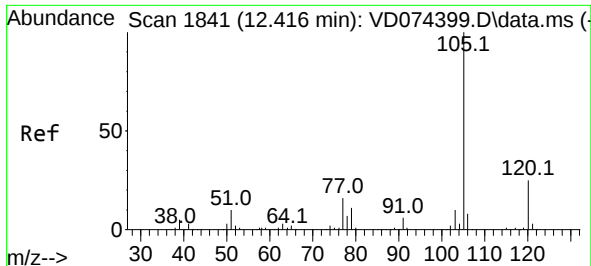


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



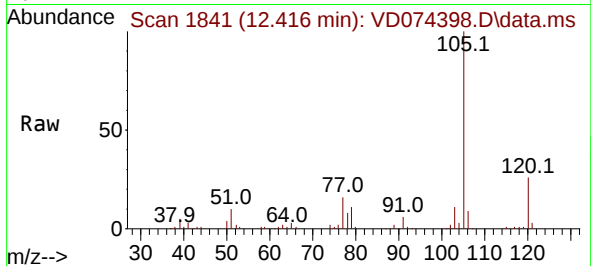
Tgt Ion:152 Resp: 64807
Ion Ratio Lower Upper
152 100
115 56.8 28.4 85.2
150 163.5 0.0 351.0





#73
Isopropylbenzene
Concen: 19.651 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

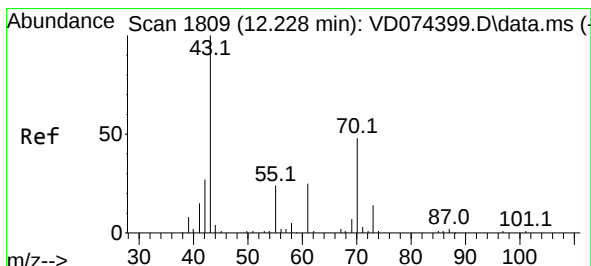
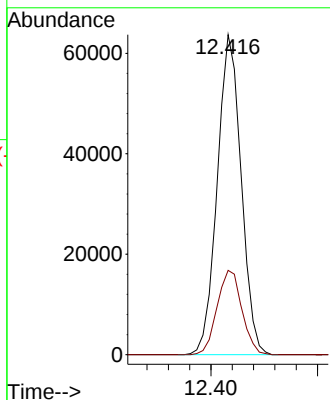
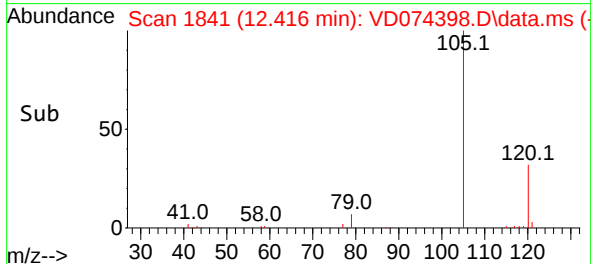
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



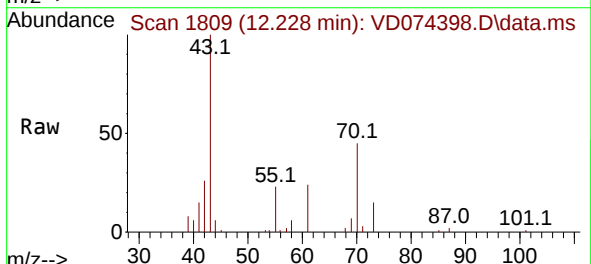
Tgt Ion:105 Resp: 99029
Ion Ratio Lower Upper
105 100
120 27.3 13.2 39.6

Manual Integrations
APPROVED

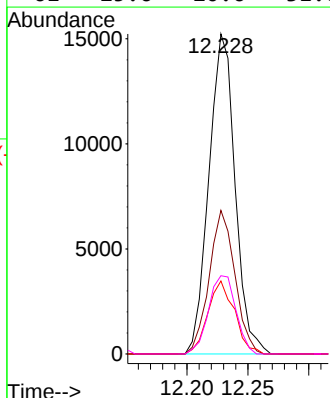
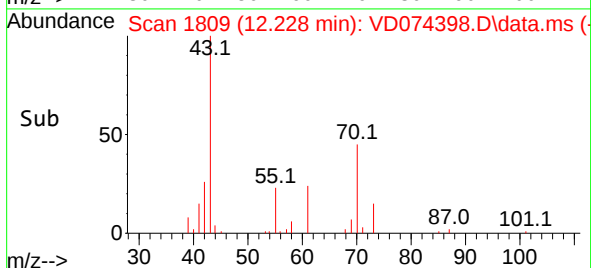
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

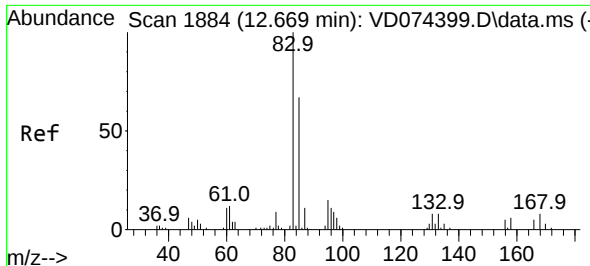


#74
N-ethyl acetate
Concen: 19.668 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



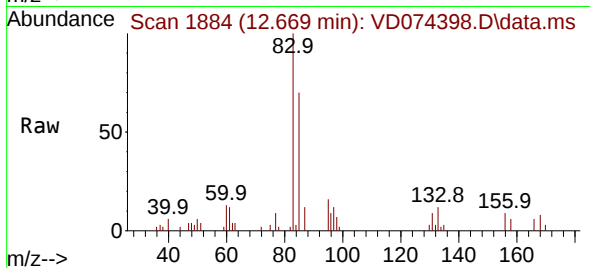
Tgt Ion: 43 Resp: 22771
Ion Ratio Lower Upper
43 100
70 44.1 34.6 51.8
55 23.2 18.2 27.2
61 25.6 20.6 31.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.288 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

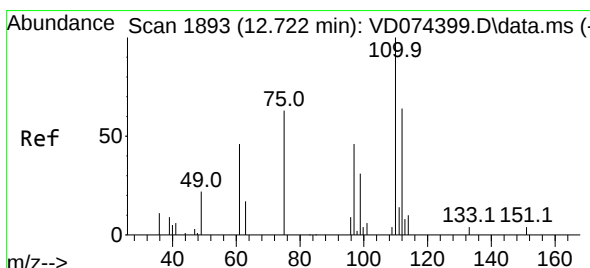
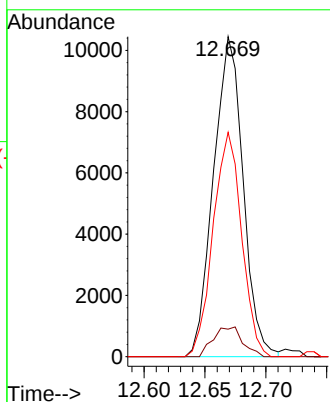
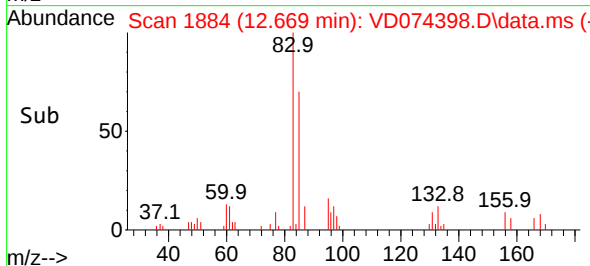
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



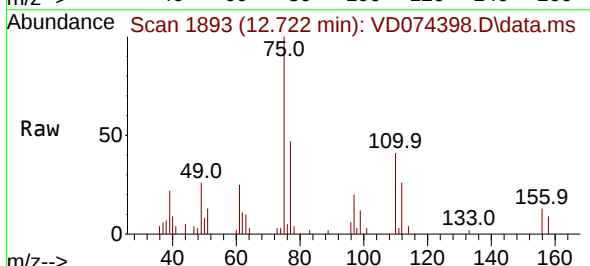
Tgt Ion: 83 Resp: 17698
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.7
85 67.4 32.3 96.9

Manual Integrations
APPROVED

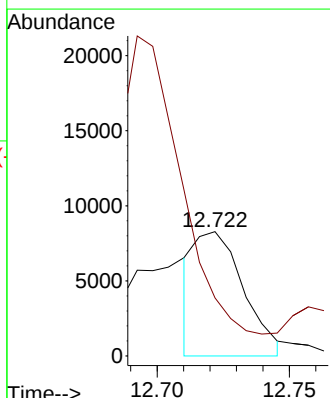
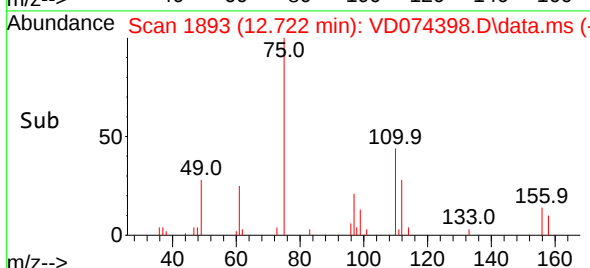
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

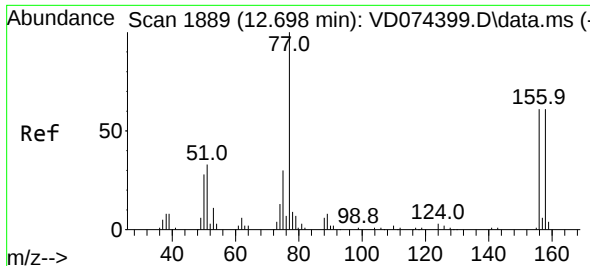


#76
1,2,3-Trichloropropane
Concen: 19.157 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



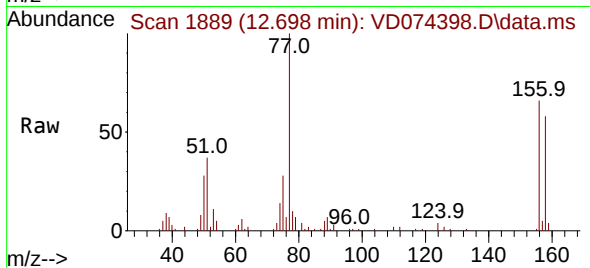
Tgt Ion: 75 Resp: 10665
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.165 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

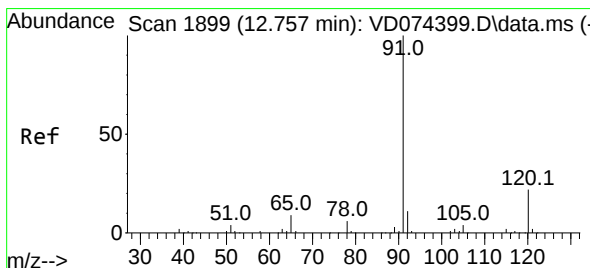
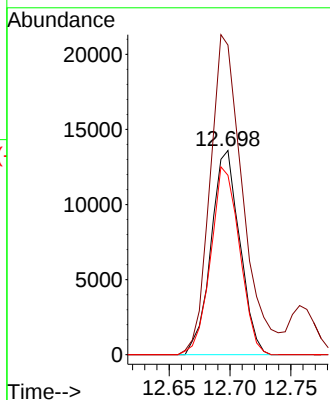
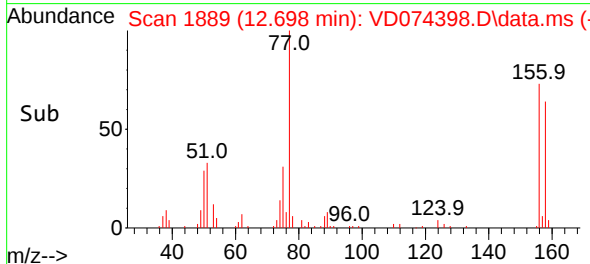
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



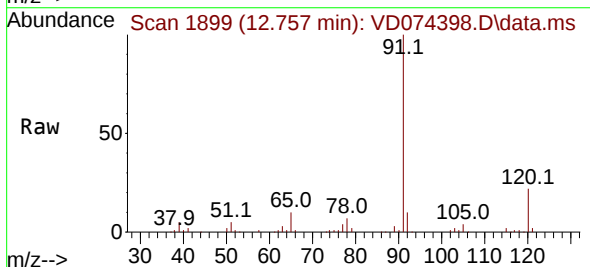
Tgt Ion:156 Resp: 22350
Ion Ratio Lower Upper
156 100
77 177.3 91.1 273.3
158 92.3 49.4 148.2

Manual Integrations
APPROVED

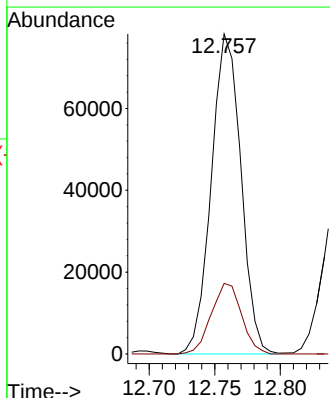
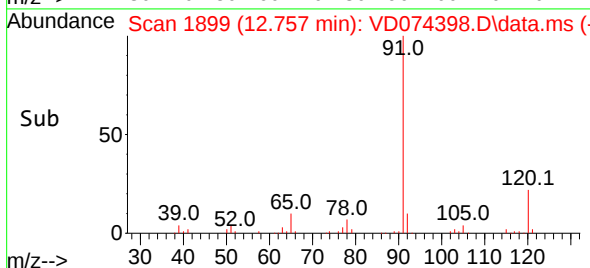
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

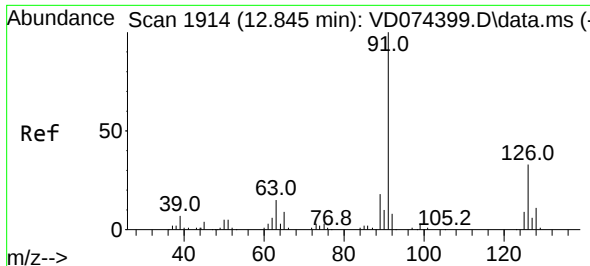


#78
n-propylbenzene
Concen: 19.619 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



Tgt Ion: 91 Resp: 122895
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.7





#79

2-Chlorotoluene

Concen: 19.772 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

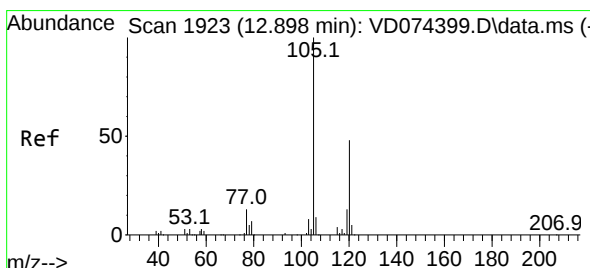
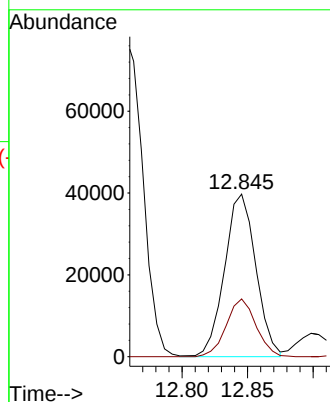
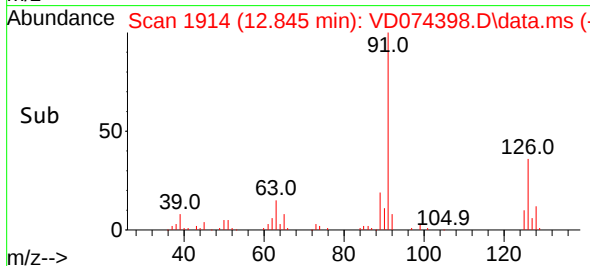
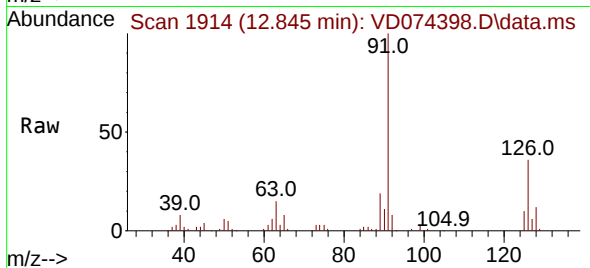
VSTDICC020

Tgt Ion: 91 Resp: 66034
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022
 Supervised By :Mahesh Dadoda 09/23/2022



#80

1,3,5-Trimethylbenzene

Concen: 20.113 ug/l

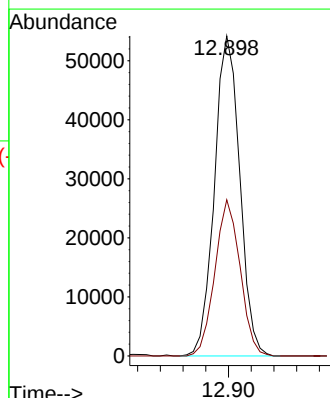
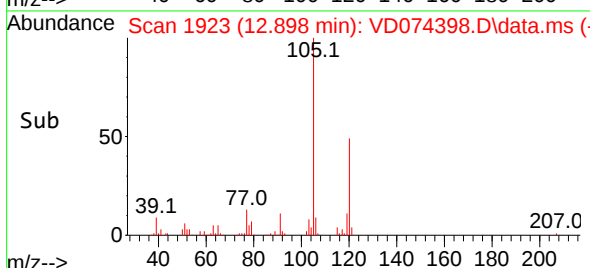
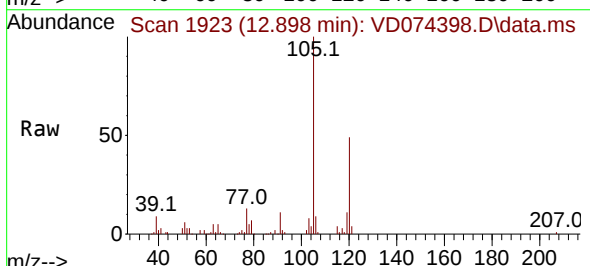
RT: 12.898 min Scan# 1923

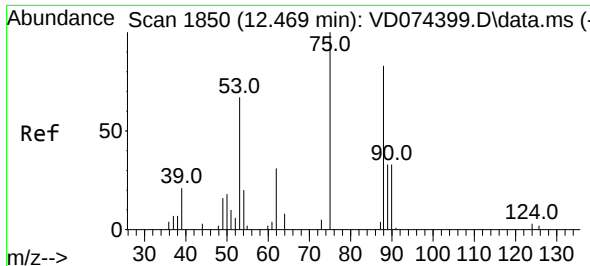
Delta R.T. 0.000 min

Lab File: VD074398.D

Acq: 22 Sep 2022 11:43

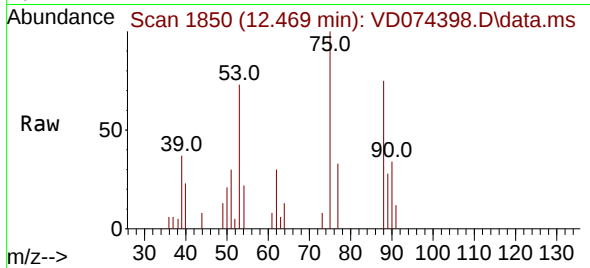
Tgt Ion:105 Resp: 83977
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.6 74.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.138 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

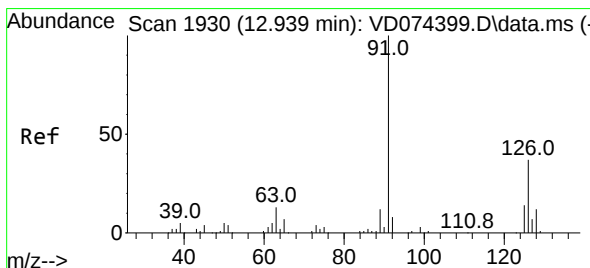
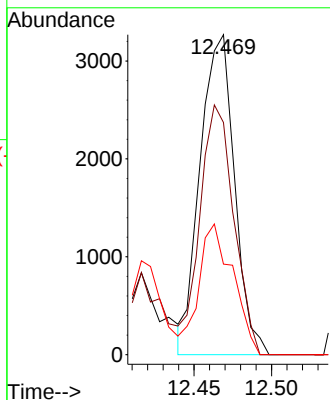
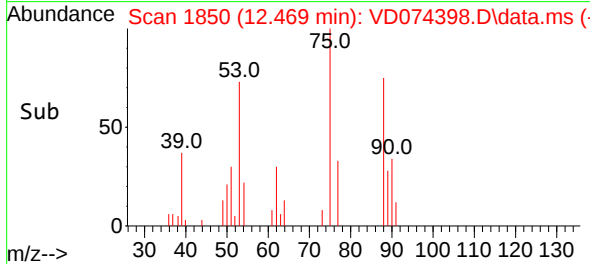
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



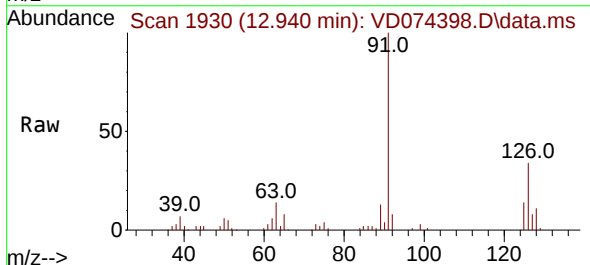
Tgt Ion: 75 Resp: 5039
Ion Ratio Lower Upper
75 100
53 77.0 0.0 0.0
89 40.8 0.0 0.0

Manual Integrations
APPROVED

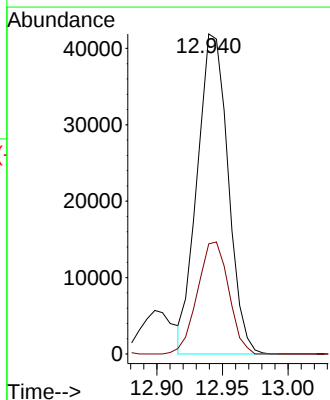
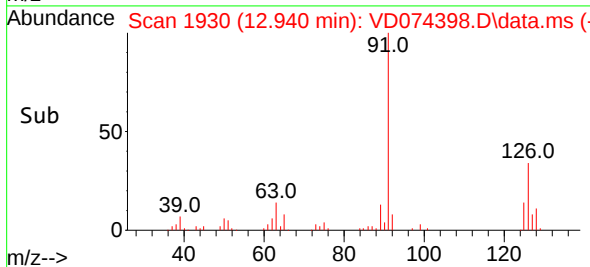
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

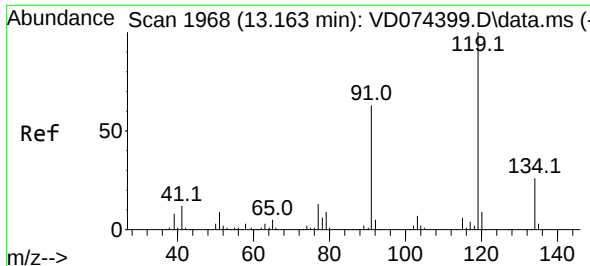


#82
4-Chlorotoluene
Concen: 19.964 ug/l
RT: 12.940 min Scan# 1930
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



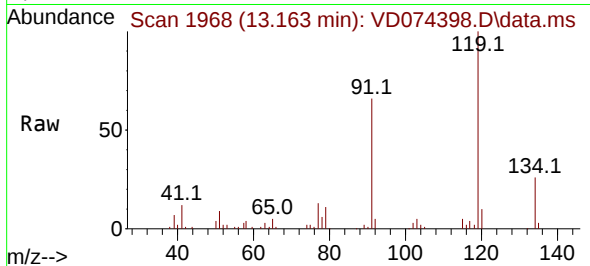
Tgt Ion: 91 Resp: 68672
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.311 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

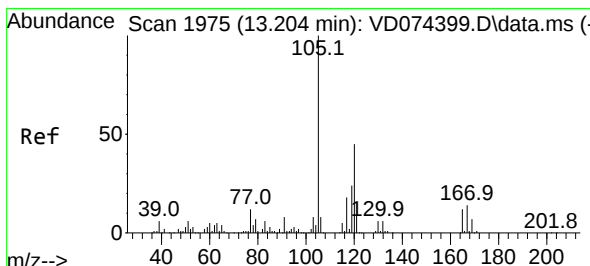
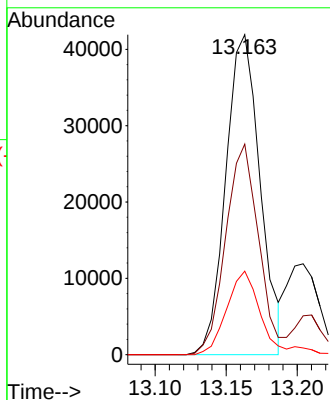
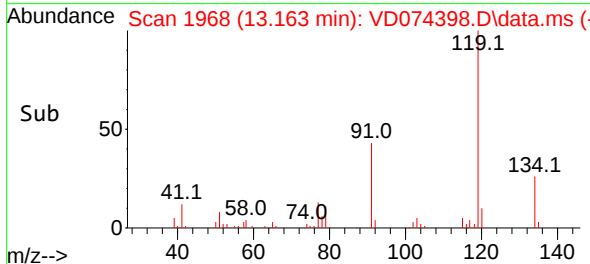
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



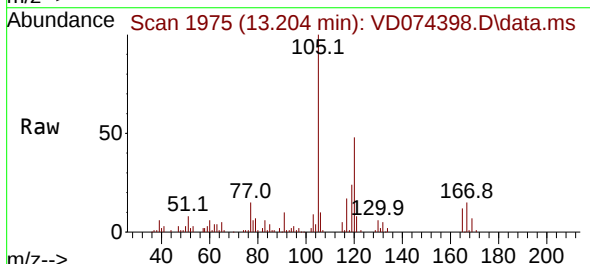
Tgt Ion:119 Resp: 70385
Ion Ratio Lower Upper
119 100
91 64.0 31.3 93.9
134 26.3 13.4 40.1

Manual Integrations
APPROVED

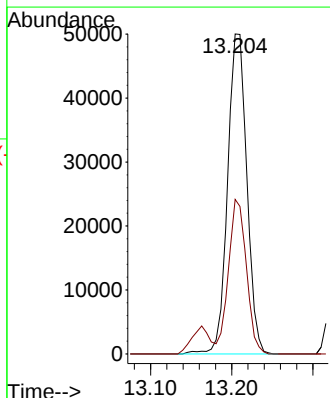
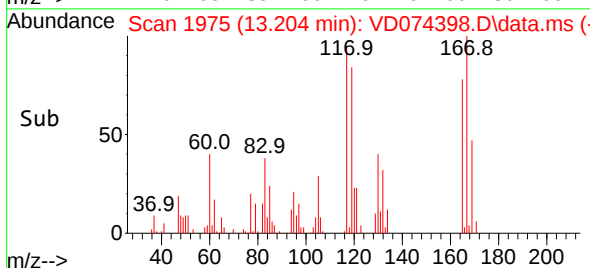
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

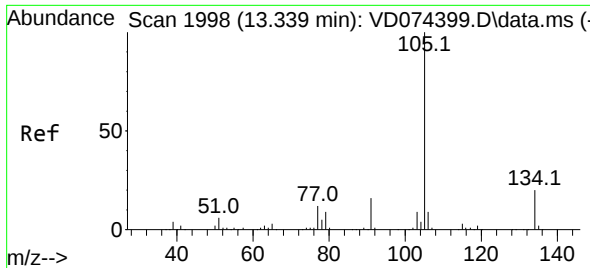


#84
1,2,4-Trimethylbenzene
Concen: 19.994 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



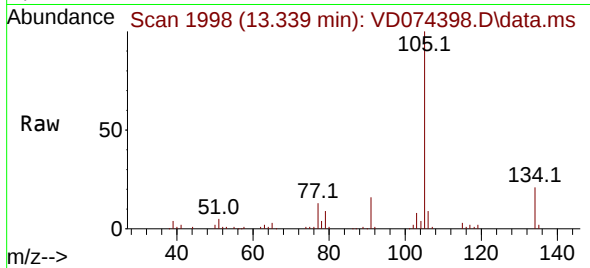
Tgt Ion:105 Resp: 82293
Ion Ratio Lower Upper
105 100
120 44.8 23.1 69.3





#85
 sec-Butylbenzene
 Concen: 19.660 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD074398.D
 Acq: 22 Sep 2022 11:43

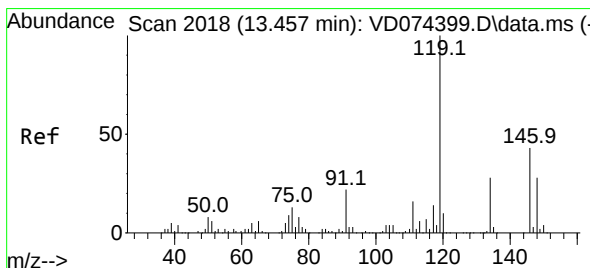
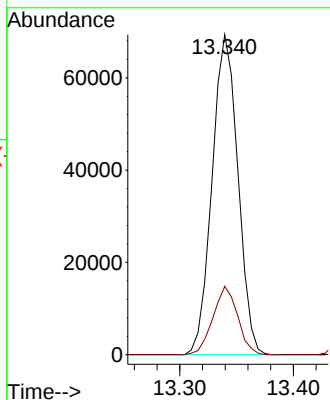
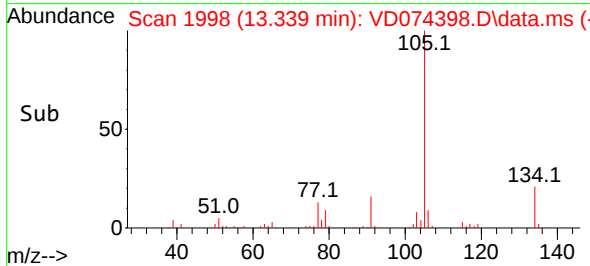
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



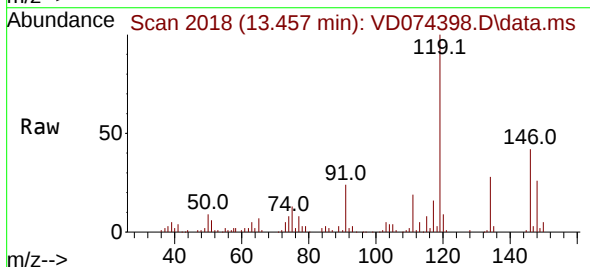
Tgt Ion:105 Resp: 109494
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 29.8

Manual Integrations
 APPROVED

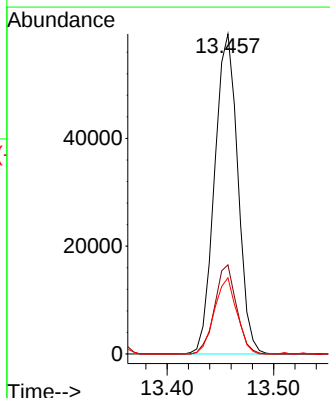
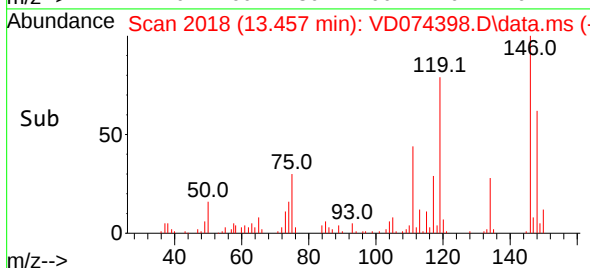
Reviewed By :Krupa Patel 09/23/2022
 Supervised By :Mahesh Dadoda 09/23/2022

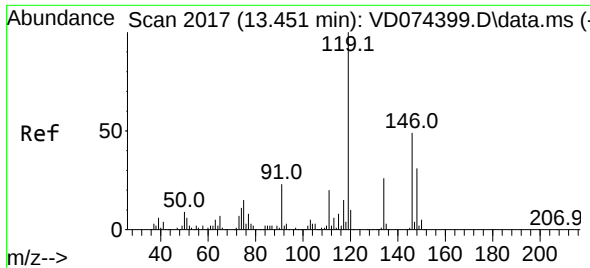


#86
 p-Isopropyltoluene
 Concen: 19.673 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074398.D
 Acq: 22 Sep 2022 11:43



Tgt Ion:119 Resp: 89896
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 23.0 11.2 33.5





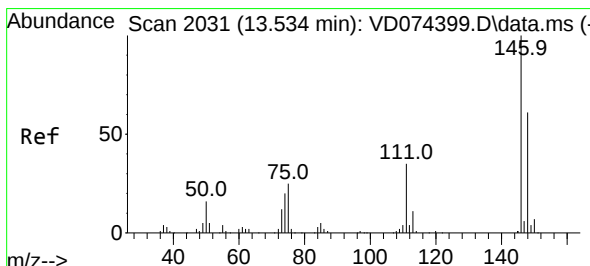
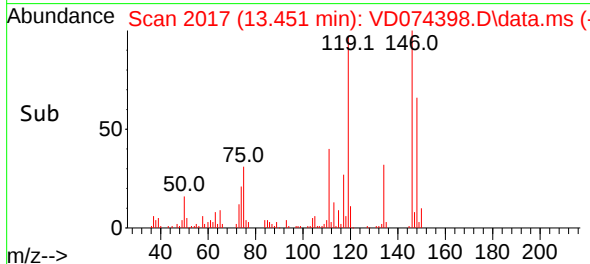
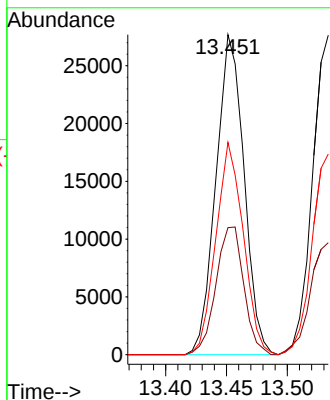
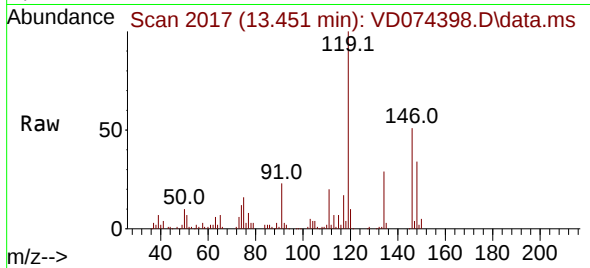
#87
 1,3-Dichlorobenzene
 Concen: 19.668 ug/l
 RT: 13.451 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VD074398.D
 Acq: 22 Sep 2022 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 44450
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.1 54.4
 148 64.9 31.7 95.1

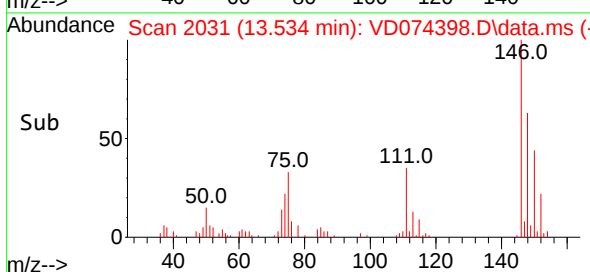
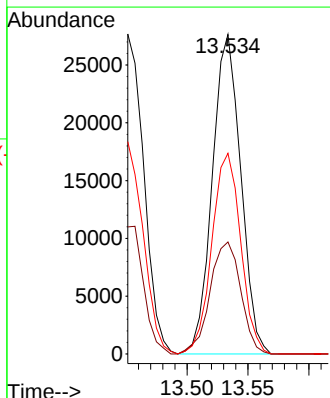
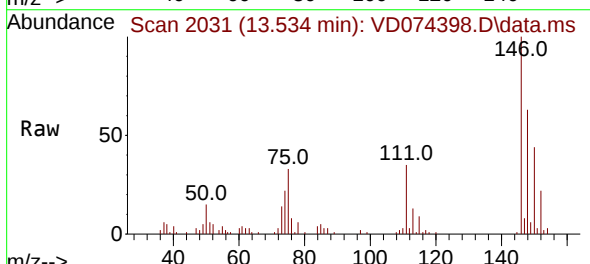
Manual Integrations
 APPROVED

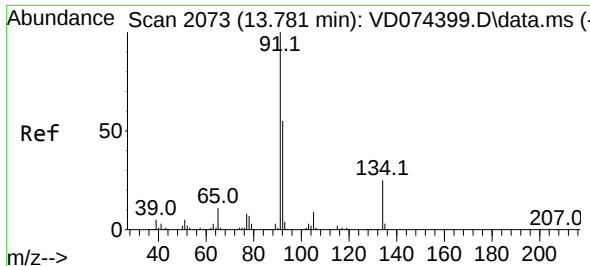
Reviewed By :Krupa Patel 09/23/2022
 Supervised By :Mahesh Dadoda 09/23/2022



#88
 1,4-Dichlorobenzene
 Concen: 19.886 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD074398.D
 Acq: 22 Sep 2022 11:43

Tgt Ion:146 Resp: 44980
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.4 55.2
 148 63.6 32.1 96.5





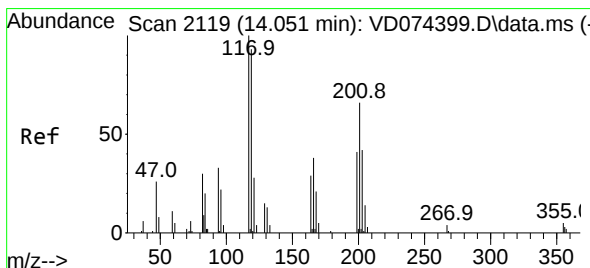
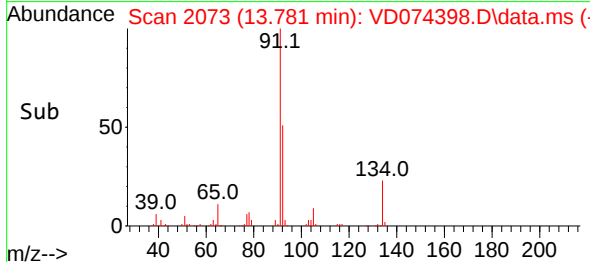
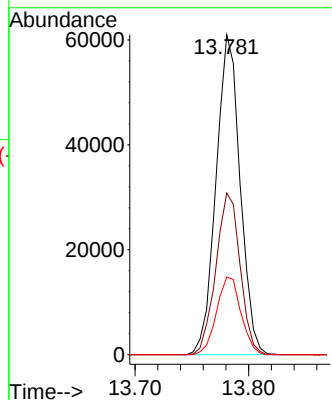
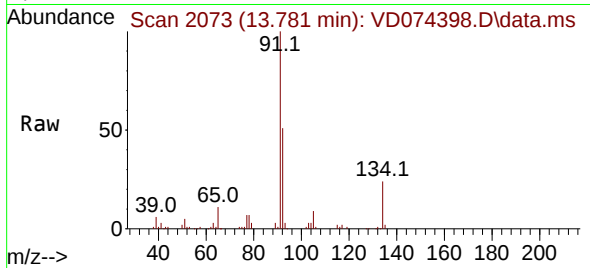
#89
n-Butylbenzene
Concen: 19.987 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.6	79.7
134	24.6	13.1	39.1

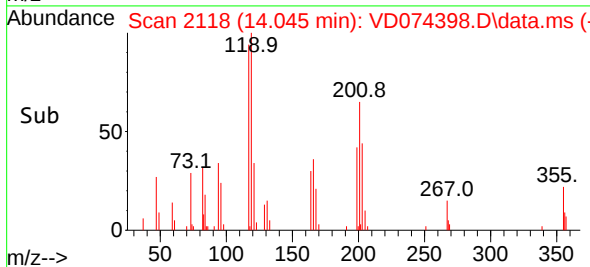
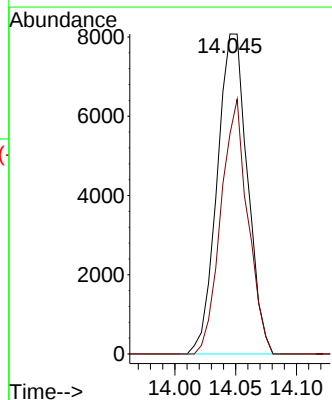
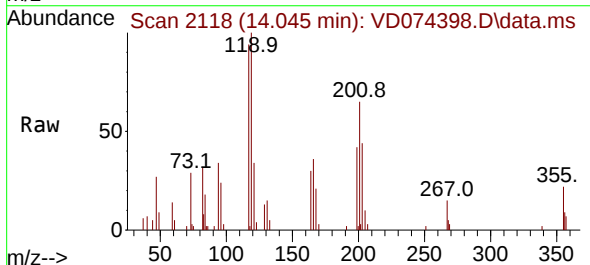
Manual Integrations
APPROVED

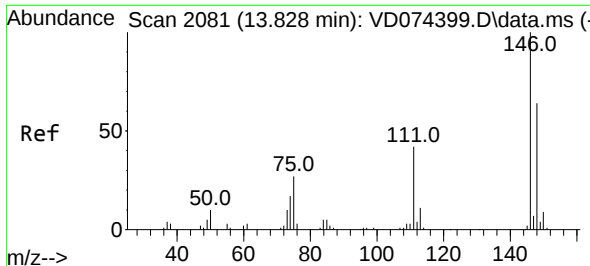
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022



#90
Hexachloroethane
Concen: 18.815 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. -0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

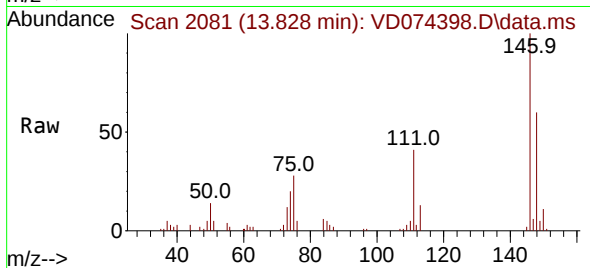
Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.7	38.0	113.9





#91
1,2-Dichlorobenzene
Concen: 20.400 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

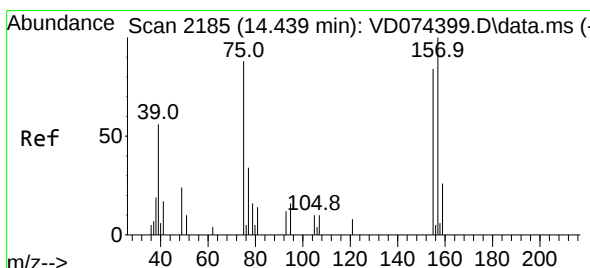
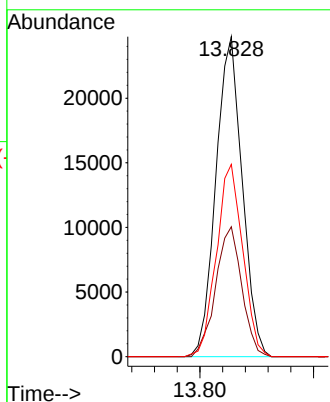
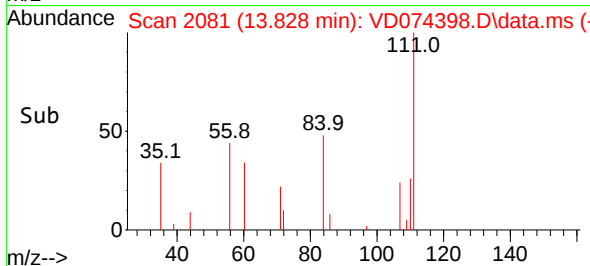
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



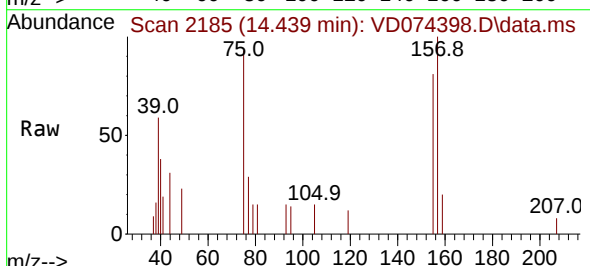
Tgt Ion:146 Resp: 39840
Ion Ratio Lower Upper
146 100
111 40.3 19.4 58.4
148 60.1 31.5 94.5

Manual Integrations
APPROVED

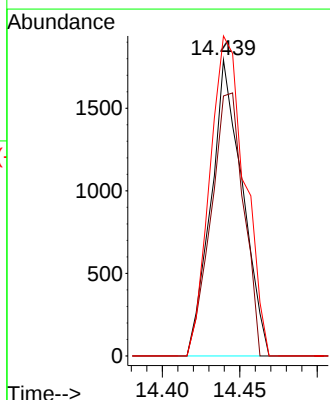
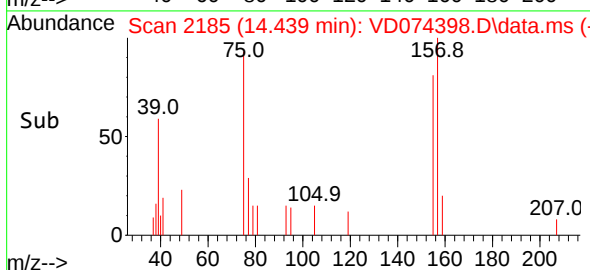
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

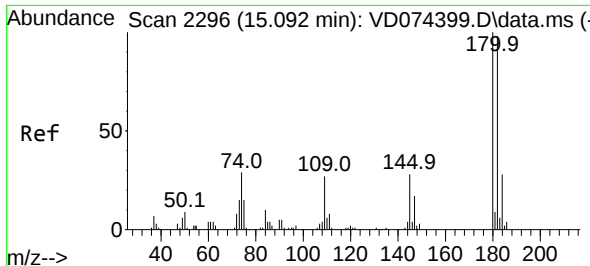


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.457 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



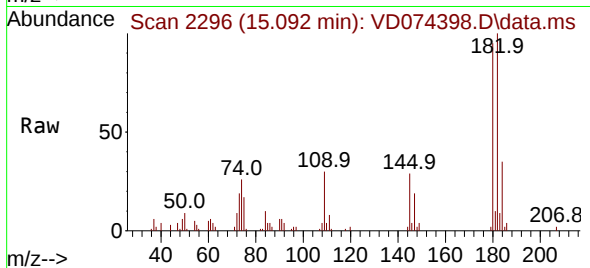
Tgt Ion: 75 Resp: 2531
Ion Ratio Lower Upper
75 100
155 91.9 49.2 147.6
157 119.7 62.1 186.2





#93
1,2,4-Trichlorobenzene
Concen: 19.009 ug/l
RT: 15.092 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

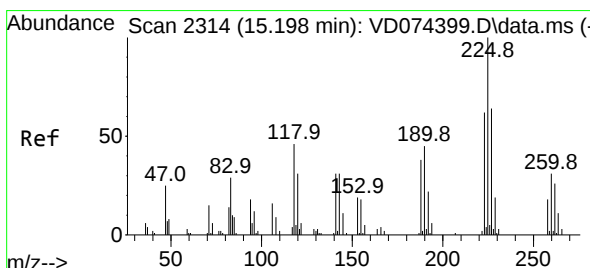
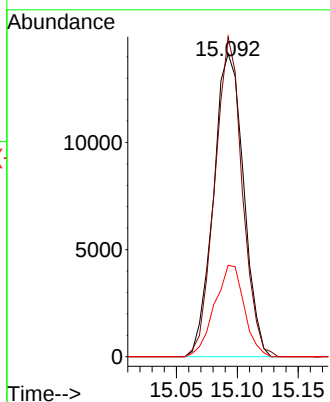
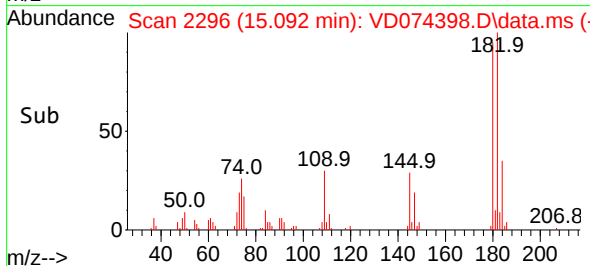
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



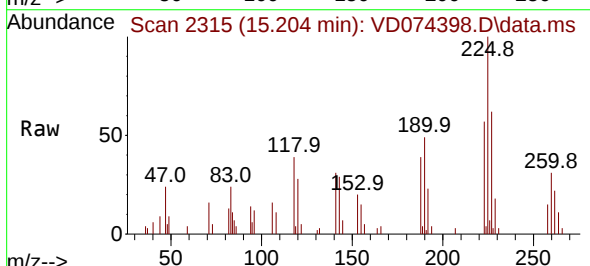
Tgt Ion:180 Resp: 2432
Ion Ratio Lower Upper
180 100
182 96.4 47.6 142.9
145 29.6 14.4 43.4

Manual Integrations
APPROVED

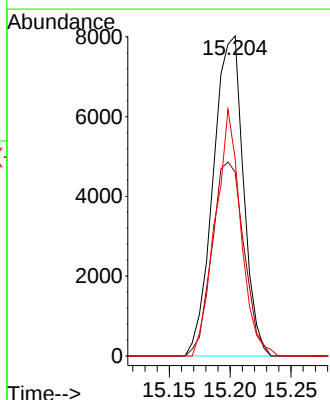
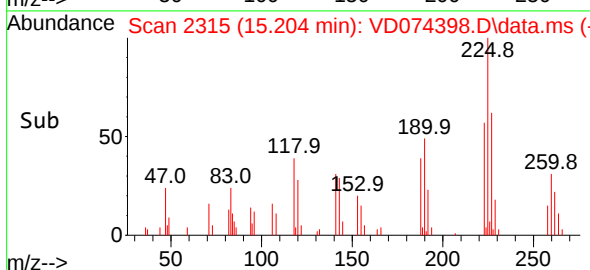
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022

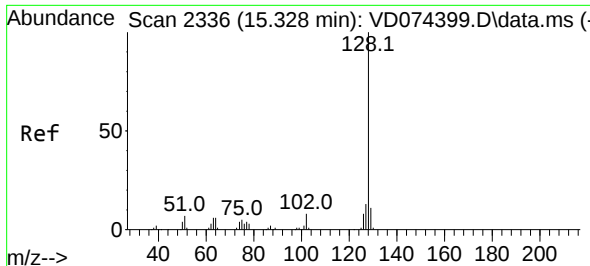


#94
Hexachlorobutadiene
Concen: 19.138 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.006 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



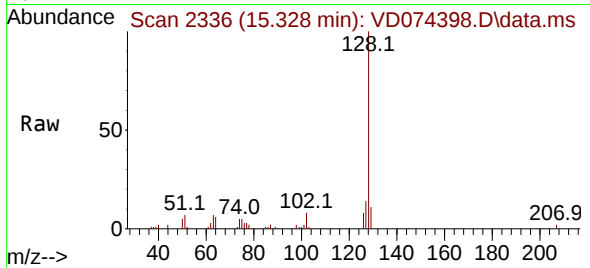
Tgt Ion:225 Resp: 13830
Ion Ratio Lower Upper
225 100
223 64.1 32.4 97.0
227 65.4 32.7 98.1





#95
Naphthalene
Concen: 19.303 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43

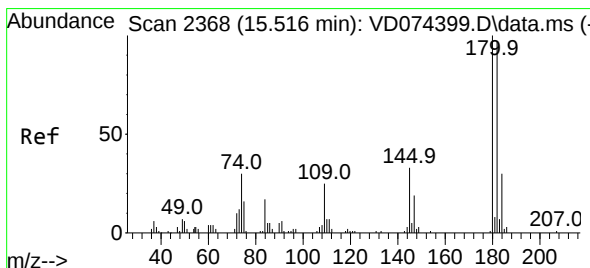
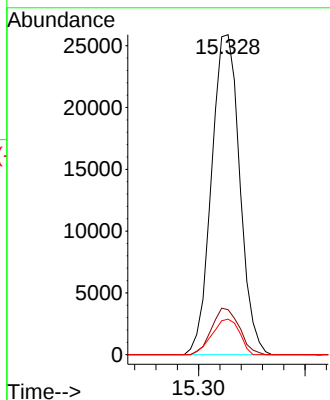
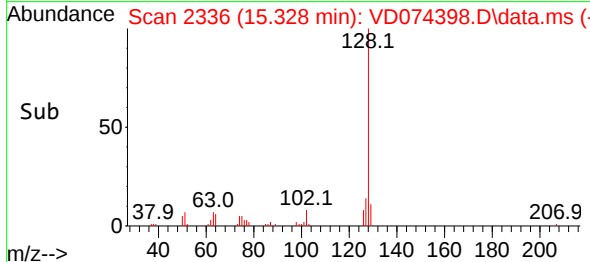
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



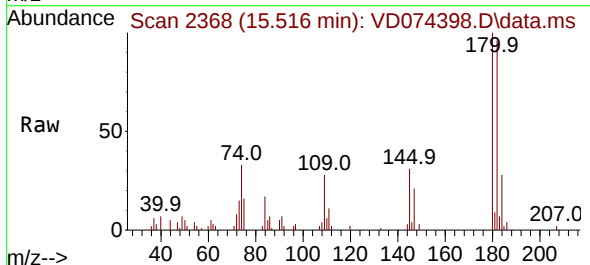
Tgt Ion:128 Resp: 47583
Ion Ratio Lower Upper
128 100
127 14.3 10.9 16.3
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/23/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.128 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD074398.D
Acq: 22 Sep 2022 11:43



Tgt Ion:180 Resp: 21454
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.5
145 30.6 15.8 47.3

