

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075376.D
 Acq On : 21 Feb 2023 12:05
 Operator : KP/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 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

Quant Time: Feb 21 14:34:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 14:22:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	58275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	94874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	87389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	43152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	12333	22.678	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	45.360%#		
35) Dibromofluoromethane	7.805	113	12475	21.918	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	43.840%#		
50) Toluene-d8	10.269	98	45950	22.474	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	44.940%#		
62) 4-Bromofluorobenzene	12.575	95	14849	21.473	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	42.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	14684	22.380	ug/l	95
3) Chloromethane	2.152	50	20163	21.505	ug/l	95
4) Vinyl Chloride	2.281	62	20739	20.382	ug/l	95
5) Bromomethane	2.675	94	10934	19.247	ug/l	98
6) Chloroethane	2.834	64	13657	19.452	ug/l	95
7) Trichlorofluoromethane	3.175	101	24346	20.369	ug/l	94
8) Diethyl Ether	3.599	74	5434	19.215	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	13848	20.315	ug/l	97
10) Methyl Iodide	4.164	142	10922	18.696	ug/l	94
11) Tert butyl alcohol	5.040	59	4939m	127.846	ug/l	
12) 1,1-Dichloroethene	3.940	96	12668	19.970	ug/l	91
13) Acrolein	3.793	56	1934	168.805	ug/l	98
14) Allyl chloride	4.564	41	19864	19.791	ug/l	97
15) Acrylonitrile	5.258	53	13591	101.555	ug/l	96
16) Acetone	4.022	43	14759	96.726	ug/l	99
17) Carbon Disulfide	4.269	76	45033	20.140	ug/l	98
18) Methyl Acetate	4.558	43	9485	20.379	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	25318	19.483	ug/l	97
20) Methylene Chloride	4.799	84	17775	20.680	ug/l	92
21) trans-1,2-Dichloroethene	5.311	96	14759	20.364	ug/l	88
22) Diisopropyl ether	6.216	45	37248	19.528	ug/l	94
23) Vinyl Acetate	6.158	43	56051	96.113	ug/l	99
24) 1,1-Dichloroethane	6.116	63	24921	19.739	ug/l	96
25) 2-Butanone	7.087	43	18227	97.548	ug/l	94
26) 2,2-Dichloropropane	7.075	77	20746	18.779	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	15122	20.369	ug/l	97
28) Bromochloromethane	7.434	49	6078	21.719	ug/l #	96
29) Tetrahydrofuran	7.446	42	10435	98.653	ug/l	95
30) Chloroform	7.599	83	25110	19.879	ug/l	95
31) Cyclohexane	7.881	56	23279	19.403	ug/l #	92
32) 1,1,1-Trichloroethane	7.799	97	23845	20.321	ug/l	99
36) 1,1-Dichloropropene	8.005	75	20128	19.885	ug/l	99
37) Ethyl Acetate	7.169	43	8254	20.459	ug/l #	98
38) Carbon Tetrachloride	7.993	117	19731	19.044	ug/l	98
39) Methylcyclohexane	9.275	83	22784	19.145	ug/l	89
40) Benzene	8.252	78	54571	19.653	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	4235	16.050	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	15764	20.195	ug/l	99
43) Isopropyl Acetate	8.363	43	14890	19.927	ug/l	97
44) Trichloroethene	9.034	130	14663	19.651	ug/l	90
45) 1,2-Dichloropropane	9.305	63	13596	20.100	ug/l #	87
46) Dibromomethane	9.399	93	7330	19.837	ug/l	97
47) Bromodichloromethane	9.581	83	18800	19.985	ug/l	92
48) Methyl methacrylate	9.381	41	7666	20.272	ug/l	94
49) 1,4-Dioxane	9.393	88	1256	409.011	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	37083	97.548	ug/l	99
52) Toluene	10.334	92	33841	19.866	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	14280	18.406	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	17903	18.935	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	9576	20.010	ug/l	97
56) Ethyl methacrylate	10.599	69	9745	18.388	ug/l	96
57) 1,3-Dichloropropane	10.881	76	16413	19.840	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	10853	97.702	ug/l	100
59) 2-Hexanone	10.922	43	26370	98.236	ug/l	96
60) Dibromochloromethane	11.075	129	11799	19.597	ug/l	98
61) 1,2-Dibromoethane	11.181	107	9200	20.636	ug/l	98
64) Tetrachloroethene	10.810	164	12300	19.443	ug/l	91
65) Chlorobenzene	11.610	112	34915	19.077	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	12982	19.589	ug/l	98
67) Ethyl Benzene	11.687	91	64886	19.289	ug/l	98
68) m/p-Xylenes	11.793	106	51562	39.650	ug/l	96
69) o-Xylene	12.122	106	22585	19.054	ug/l	94
70) Styrene	12.140	104	39810	19.987	ug/l	98
71) Bromoform	12.304	173	6786	19.965	ug/l #	98
73) Isopropylbenzene	12.422	105	61818	19.078	ug/l	98
74) N-amyl acetate	12.240	43	13268	18.882	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	10758	19.663	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	7632m	19.888	ug/l	
77) Bromobenzene	12.704	156	13914	19.099	ug/l	97
78) n-propylbenzene	12.769	91	78678	19.292	ug/l	100
79) 2-Chlorotoluene	12.851	91	42560	19.385	ug/l	97
80) 1,3,5-Trimethylbenzene	12.910	105	52541	19.383	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.475	75	2117	19.237	ug/l #	89
82) 4-Chlorotoluene	12.951	91	45681	19.794	ug/l	100
83) tert-Butylbenzene	13.169	119	45509	19.368	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	52137	19.496	ug/l	99
85) sec-Butylbenzene	13.345	105	68373	19.136	ug/l	99
86) p-Isopropyltoluene	13.463	119	56687	19.281	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	29494	19.257	ug/l	99
88) 1,4-Dichlorobenzene	13.545	146	29420	19.959	ug/l	98
89) n-Butylbenzene	13.793	91	55638	19.555	ug/l	100
90) Hexachloroethane	14.057	117	11817	20.226	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	25192	20.068	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.457	75	1617	20.869	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	15291	19.714	ug/l	96
94) Hexachlorobutadiene	15.210	225	8890	20.485	ug/l	95
95) Naphthalene	15.334	128	26374	19.201	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	12578	18.958	ug/l	98

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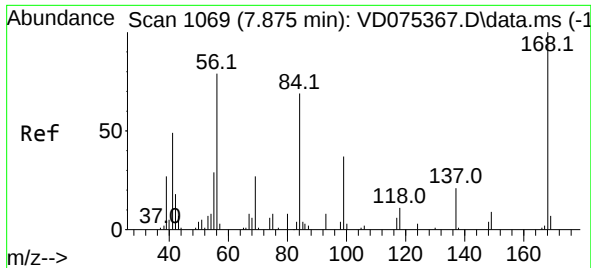
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

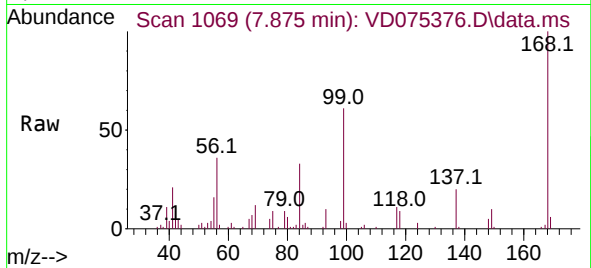
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

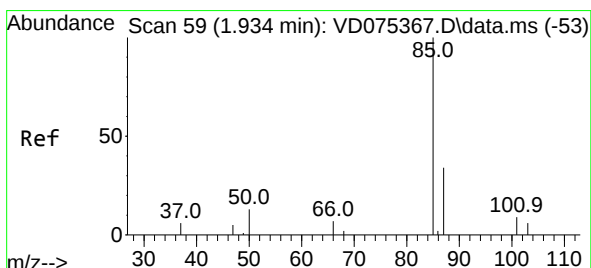
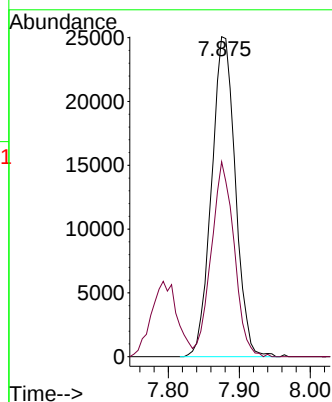
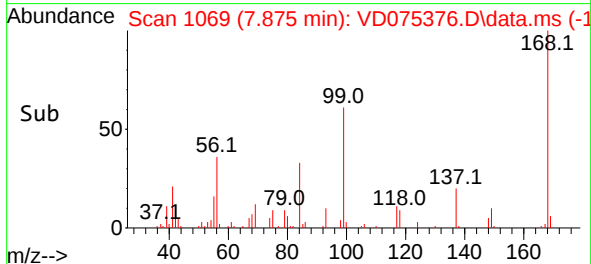
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 58275
Ion Ratio Lower Upper
168 100
99 60.9 43.8 65.6

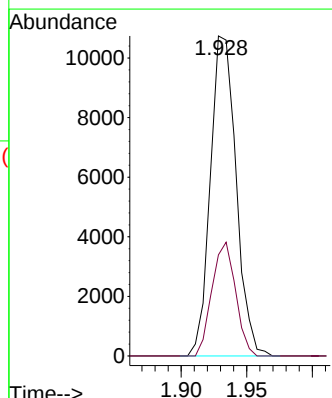
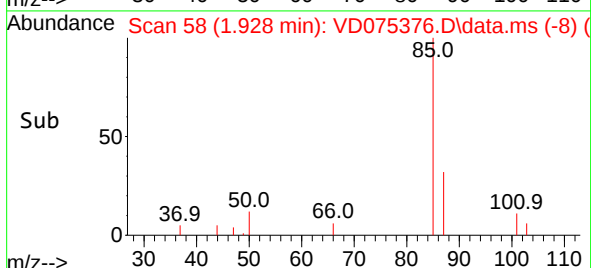
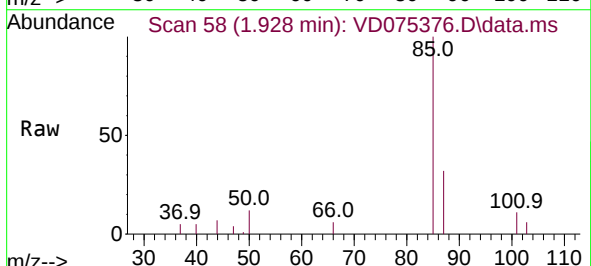
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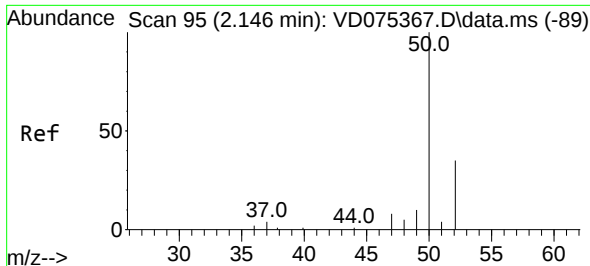
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#2
Dichlorodifluoromethane
Concen: 22.380 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 85 Resp: 14684
Ion Ratio Lower Upper
85 100
87 31.6 17.3 51.7





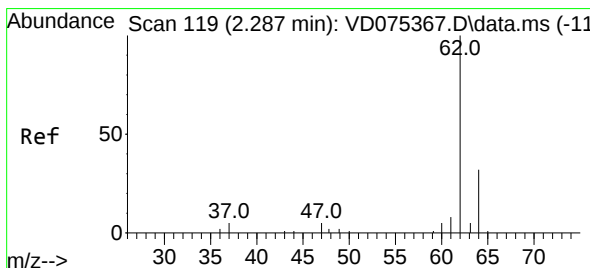
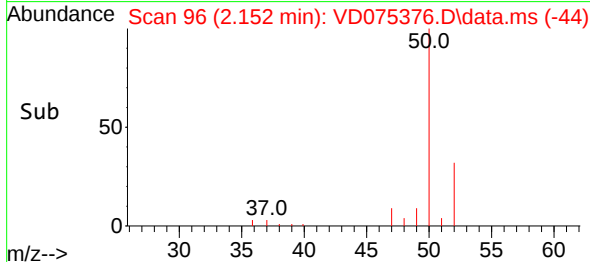
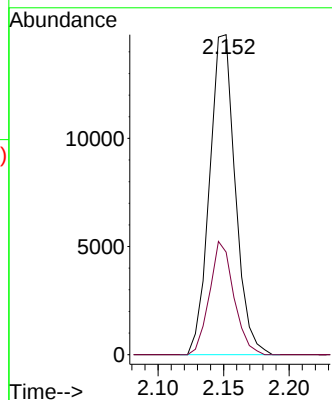
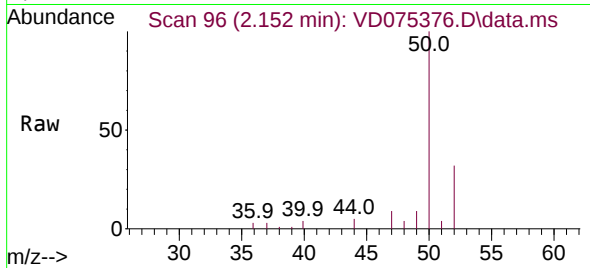
#3
Chloromethane
Concen: 21.505 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 2016
Ion Ratio Lower Upper
50 100
52 32.1 27.8 41.8

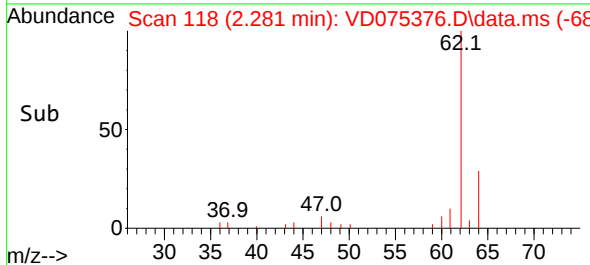
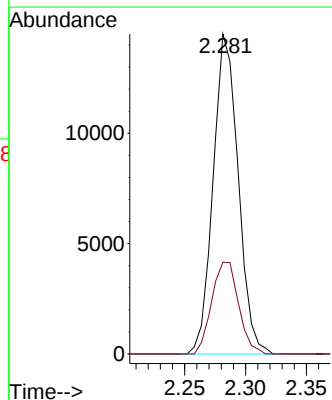
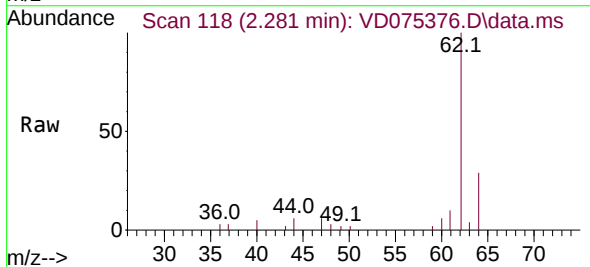
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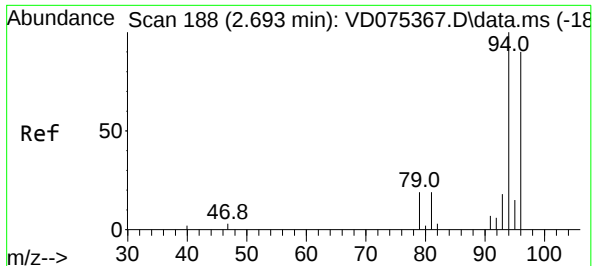
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#4
Vinyl Chloride
Concen: 20.382 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 62 Resp: 20739
Ion Ratio Lower Upper
62 100
64 28.7 25.4 38.0





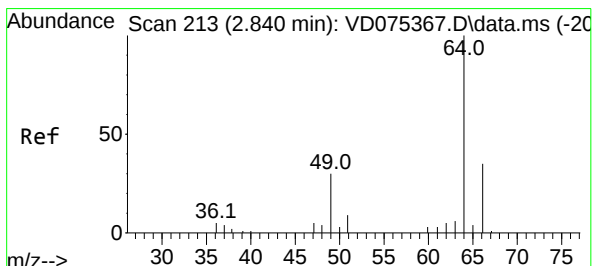
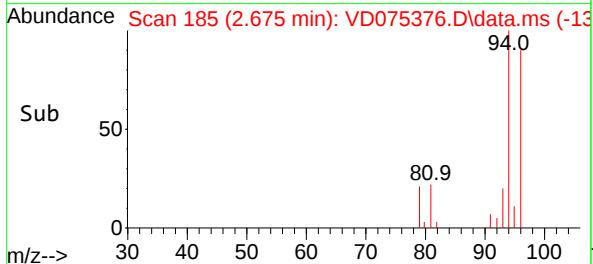
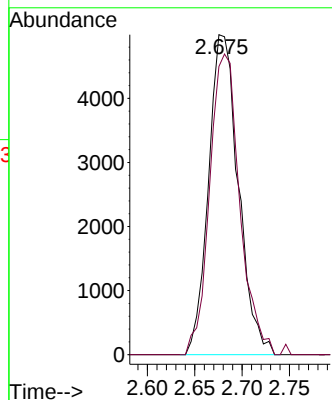
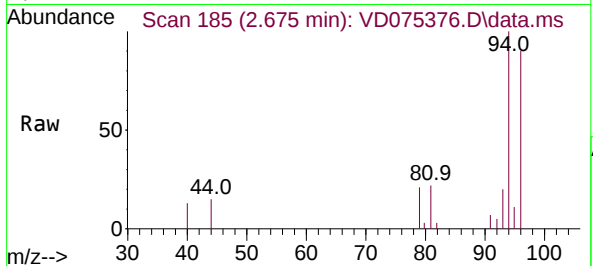
#5
Bromomethane
Concen: 19.247 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 10934
Ion Ratio Lower Upper
94 100
96 95.0 77.5 116.3

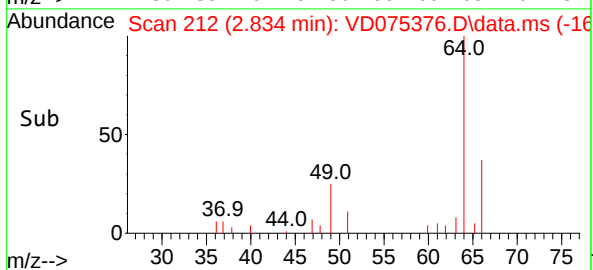
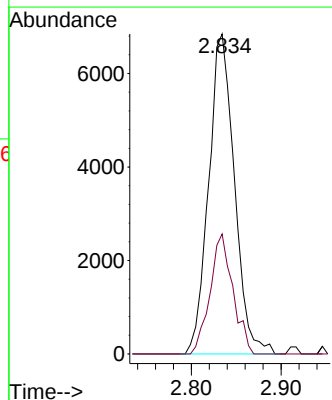
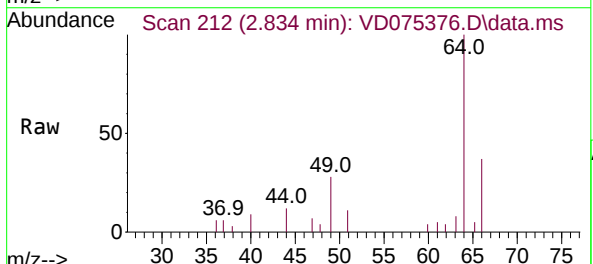
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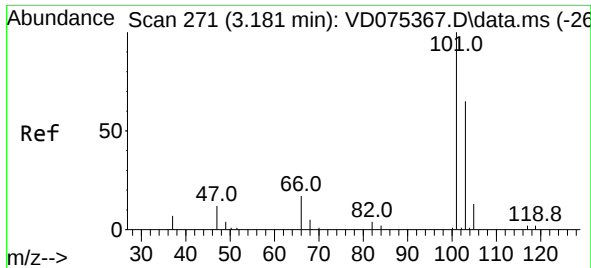
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#6
Chloroethane
Concen: 19.452 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 64 Resp: 13657
Ion Ratio Lower Upper
64 100
66 37.5 27.7 41.5





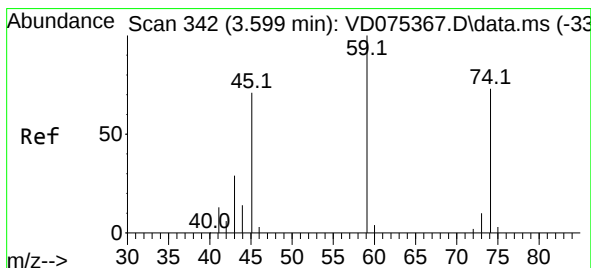
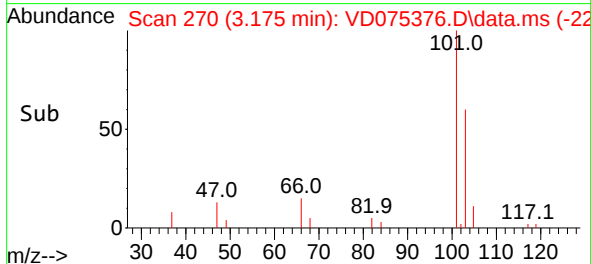
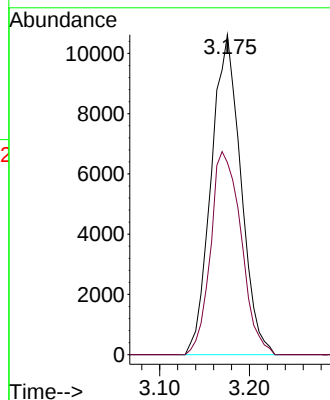
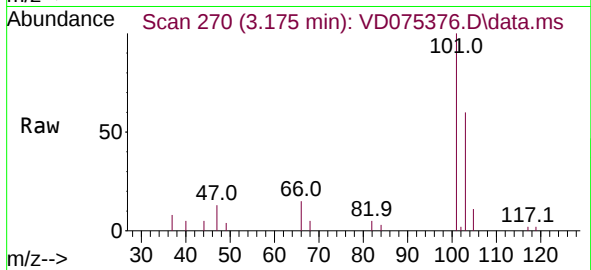
#7
Trichlorofluoromethane
Concen: 20.369 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2434
Ion Ratio Lower Upper
101 100
103 60.1 51.9 77.9

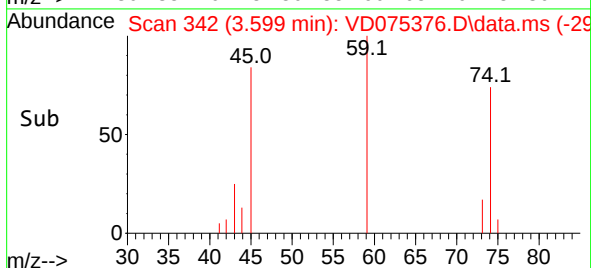
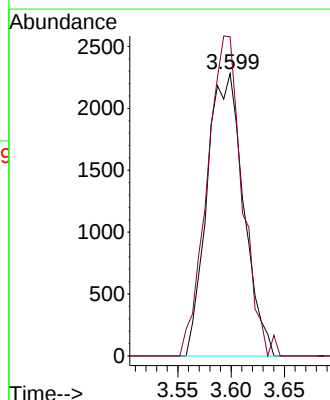
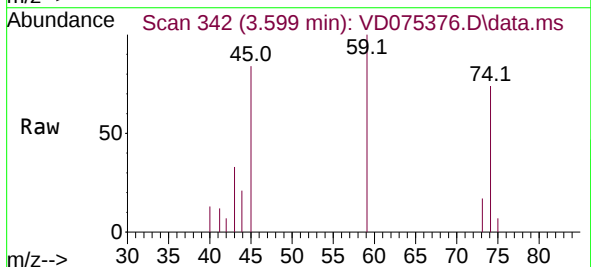
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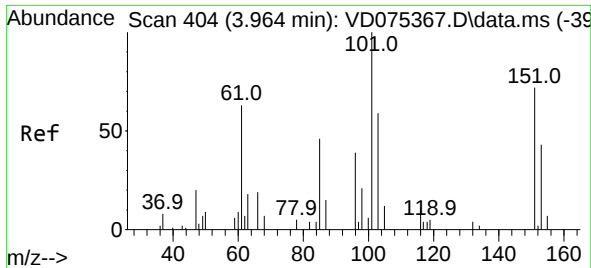
Reviewed By :Krupa Patel 02/22/2023
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#8
Diethyl Ether
Concen: 19.215 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 74 Resp: 5434
Ion Ratio Lower Upper
74 100
45 109.0 50.9 152.7





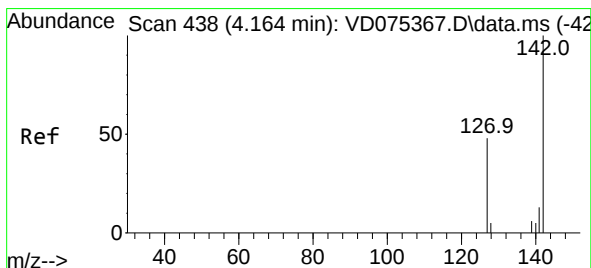
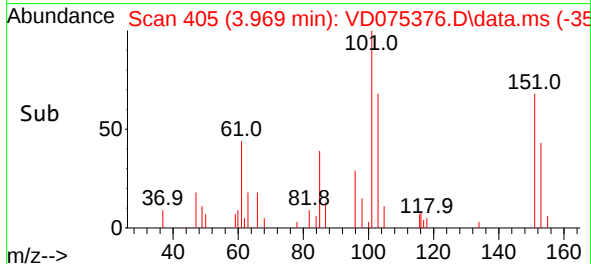
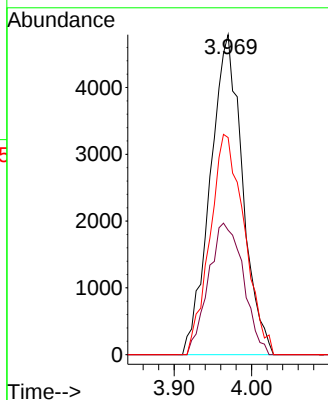
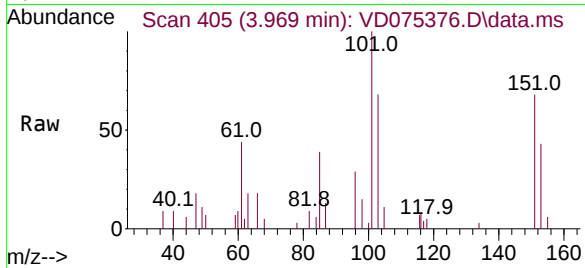
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.315 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 1384
Ion Ratio Lower Upper
101 100
85 44.6 38.3 57.5
151 73.4 60.4 90.6

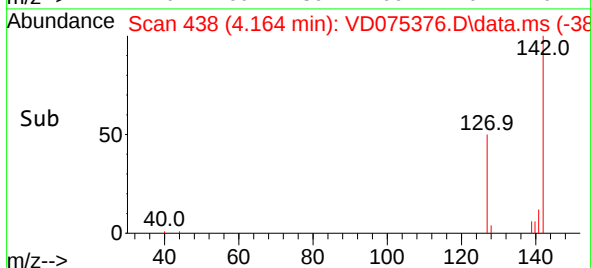
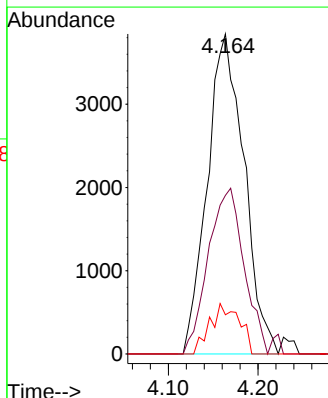
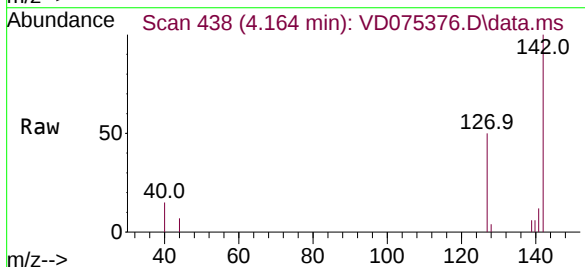
Manual Integrations
APPROVED

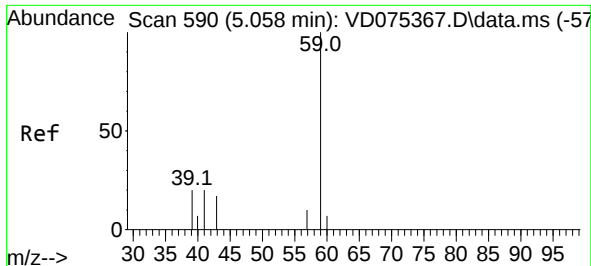
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 18.696 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:142 Resp: 10922
Ion Ratio Lower Upper
142 100
127 50.4 37.1 55.7
141 12.6 11.3 16.9





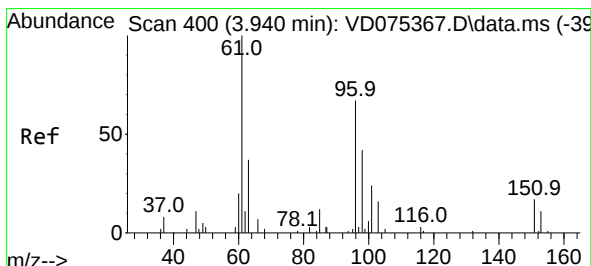
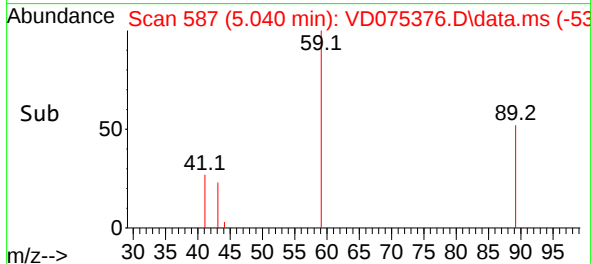
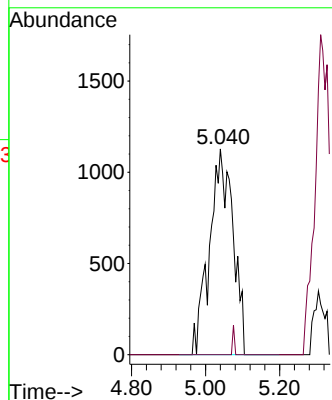
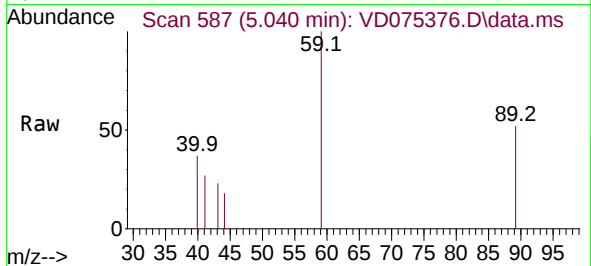
#11
Tert butyl alcohol
Concen: 127.846 ug/l m
RT: 5.040 min Scan# 590
Delta R.T. -0.018 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 4939
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

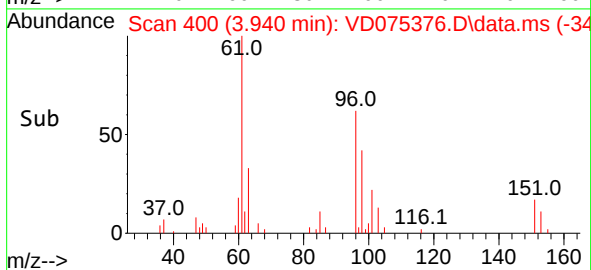
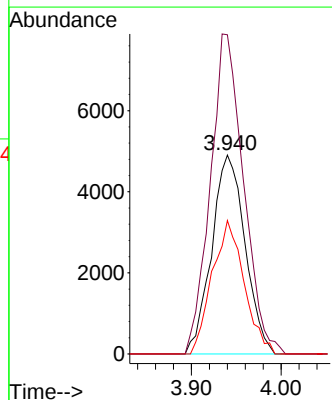
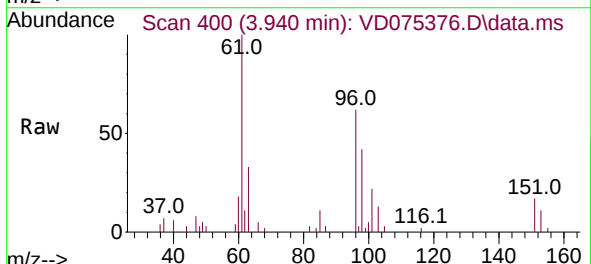
Manual Integrations
APPROVED

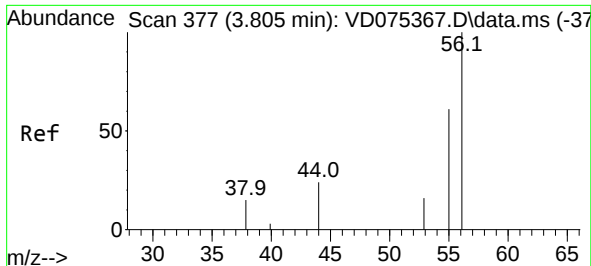
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#12
1,1-Dichloroethene
Concen: 19.970 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 96 Resp: 12668
Ion Ratio Lower Upper
96 100
61 160.5 118.6 177.8
98 67.1 49.7 74.5





#13

Acrolein

Concen: 168.805 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.012 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 1934

Ion Ratio Lower Upper

56 100

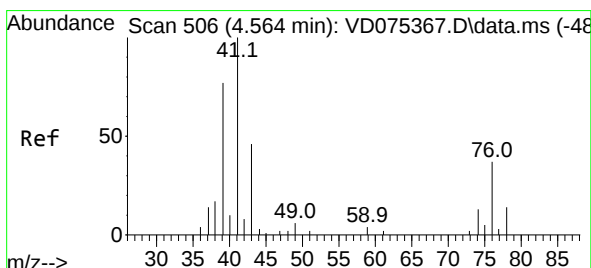
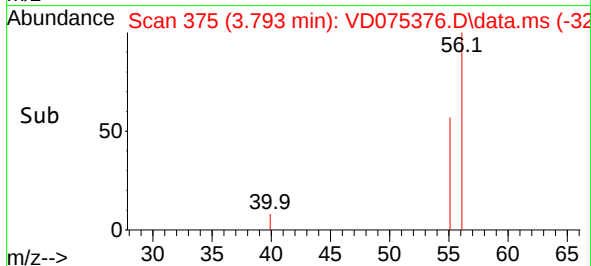
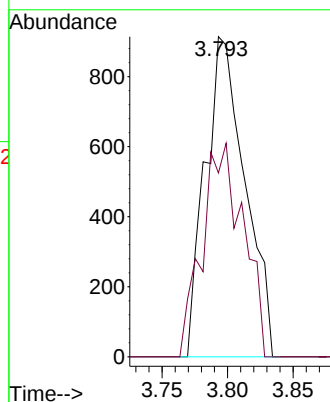
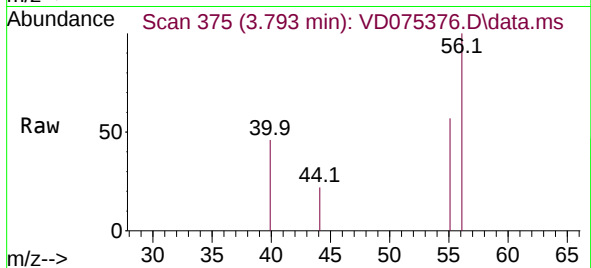
55 68.7 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#14

Allyl chloride

Concen: 19.791 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

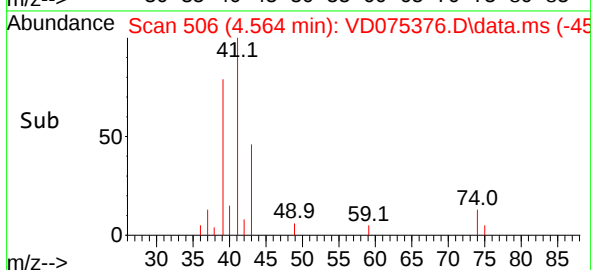
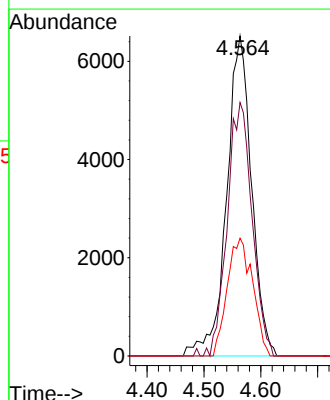
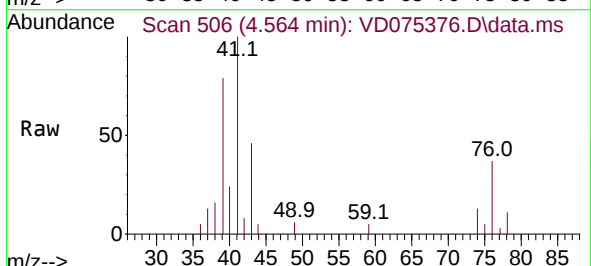
Tgt Ion: 41 Resp: 19864

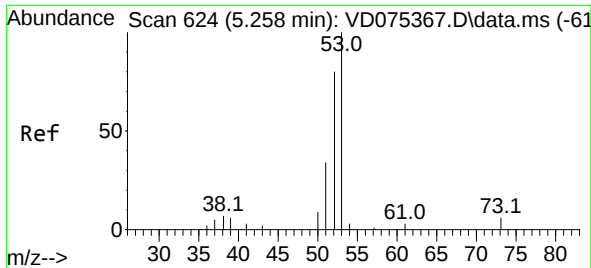
Ion Ratio Lower Upper

41 100

39 78.6 60.6 90.8

76 37.4 28.6 43.0





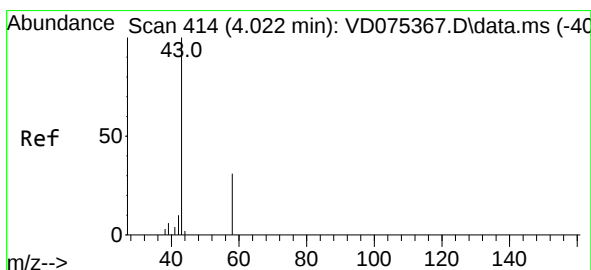
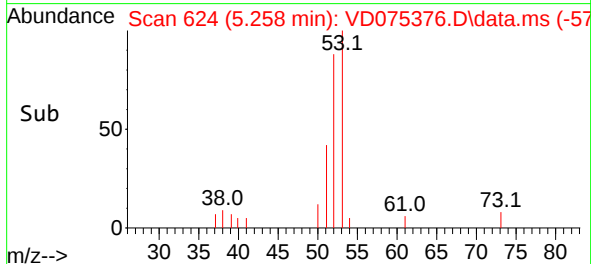
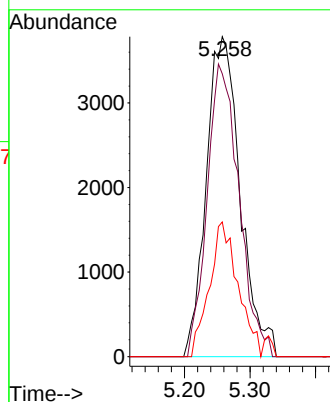
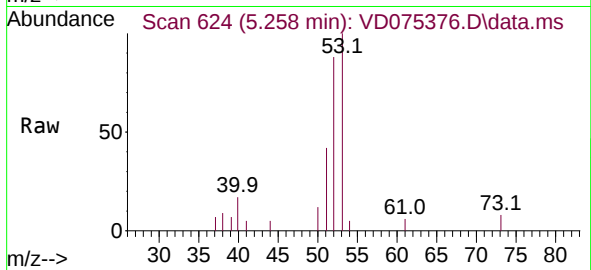
#15
Acrylonitrile
Concen: 101.555 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 1359
Ion Ratio Lower Upper
53 100
52 85.8 66.2 99.4
51 35.6 30.7 46.1

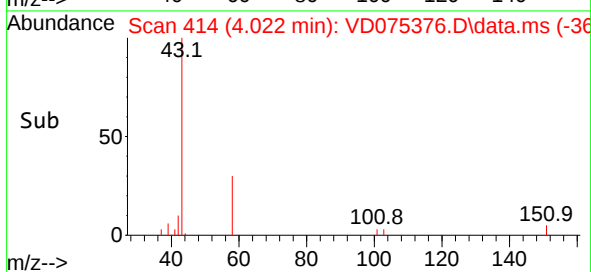
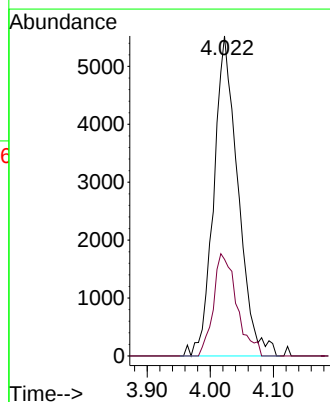
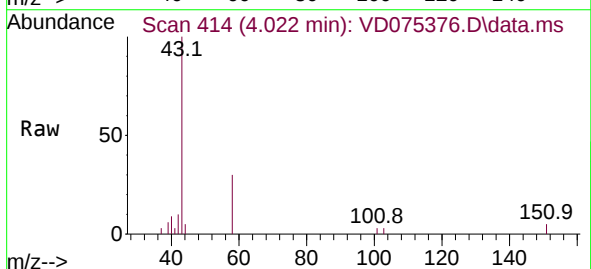
Manual Integrations
APPROVED

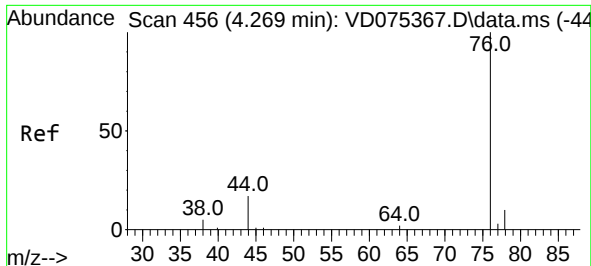
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#16
Acetone
Concen: 96.726 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

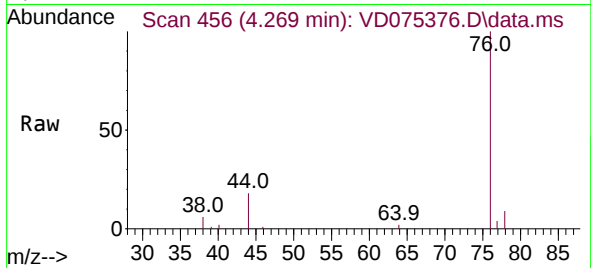
Tgt Ion: 43 Resp: 14759
Ion Ratio Lower Upper
43 100
58 30.2 24.4 36.6





#17
Carbon Disulfide
Concen: 20.140 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

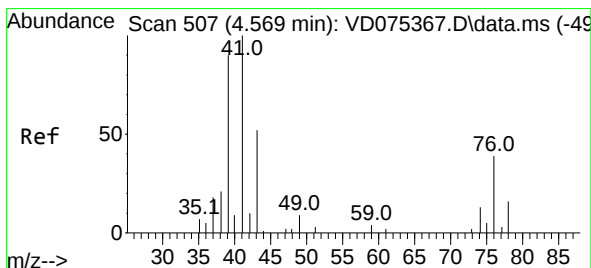
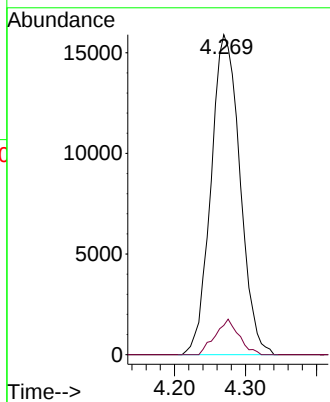
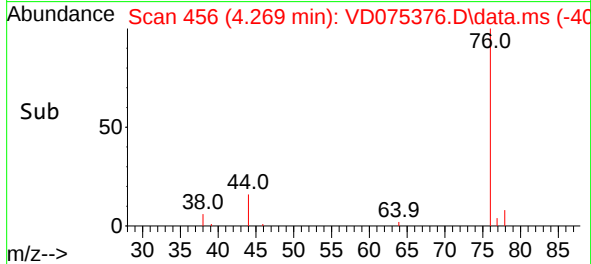
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



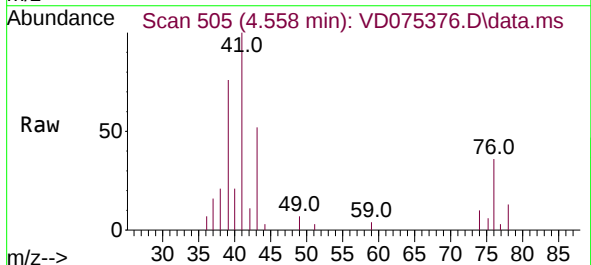
Tgt Ion: 76 Resp: 4503
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0

Manual Integrations
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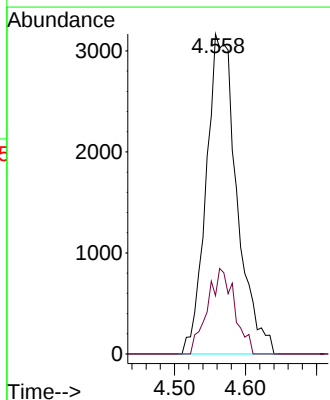
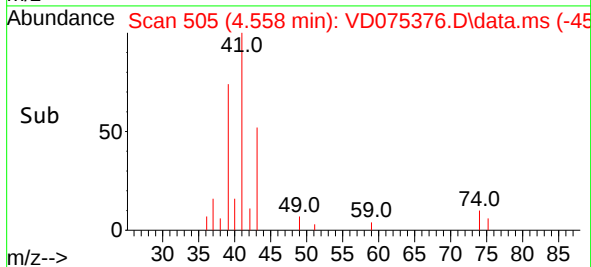
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

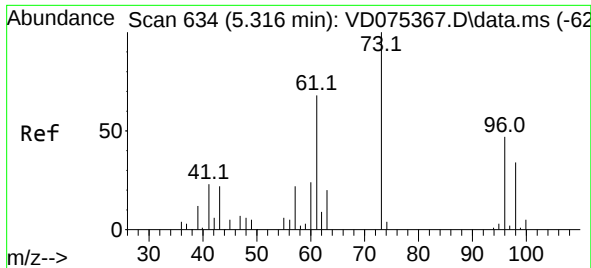


#18
Methyl Acetate
Concen: 20.379 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.011 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05



Tgt Ion: 43 Resp: 9485
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.6





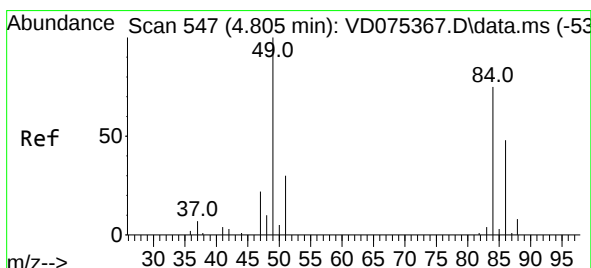
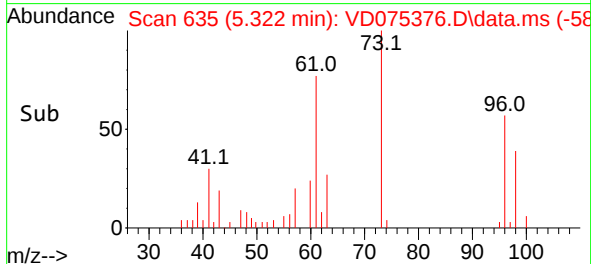
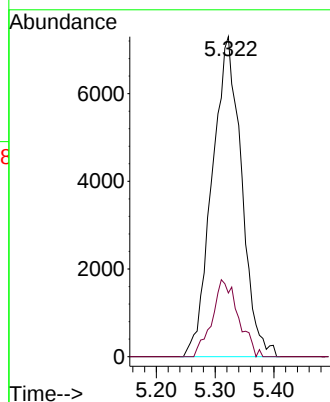
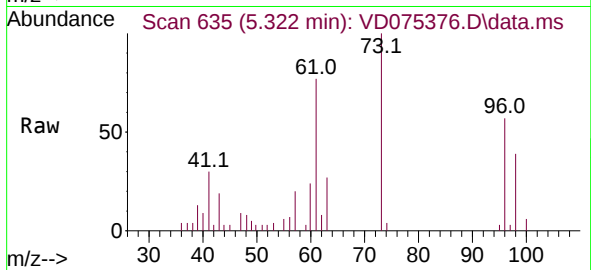
#19
Methyl tert-butyl Ether
Concen: 19.483 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 25318
Ion Ratio Lower Upper
73 100
57 19.9 17.2 25.8

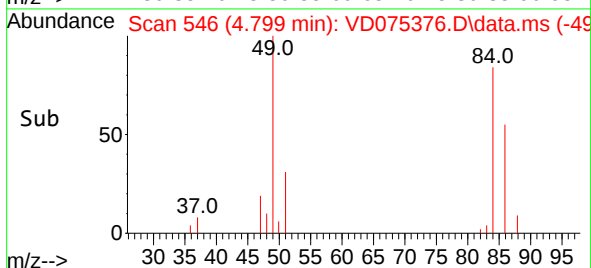
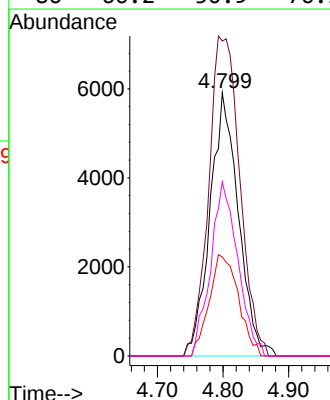
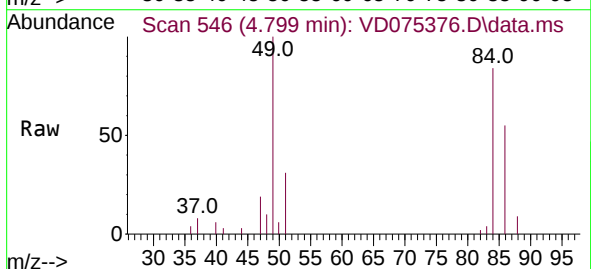
Manual Integrations
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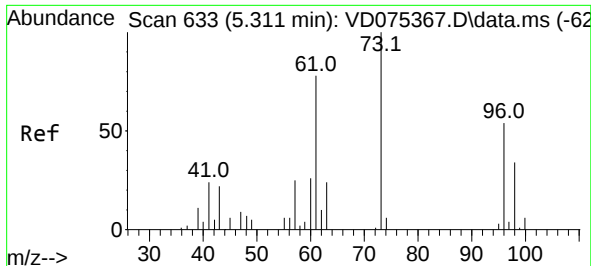
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 20.680 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

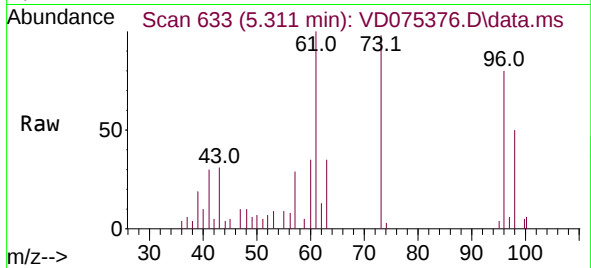
Tgt Ion: 84 Resp: 17775
Ion Ratio Lower Upper
84 100
49 119.6 106.4 159.6
51 37.7 32.4 48.6
86 66.2 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 20.364 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

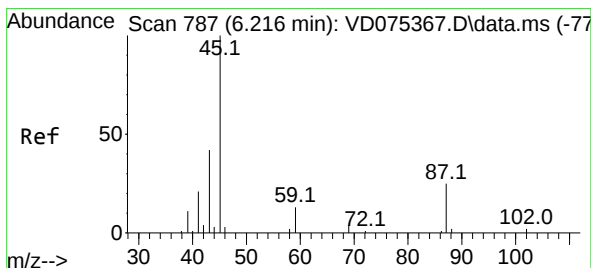
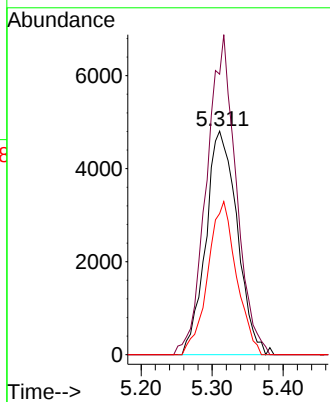
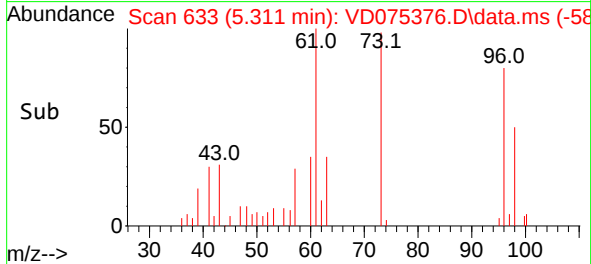
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



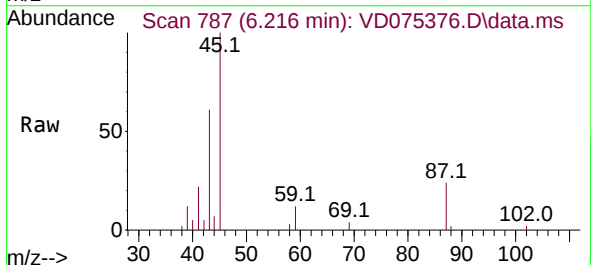
Tgt Ion: 96 Resp: 14759
Ion Ratio Lower Upper
96 100
61 125.5 117.2 175.8
98 63.1 50.6 76.0

Manual Integrations
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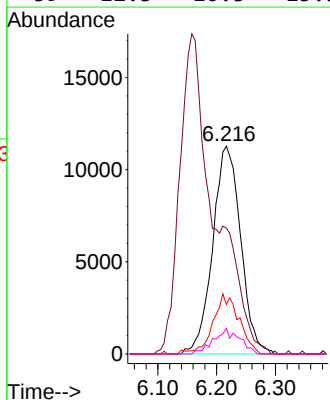
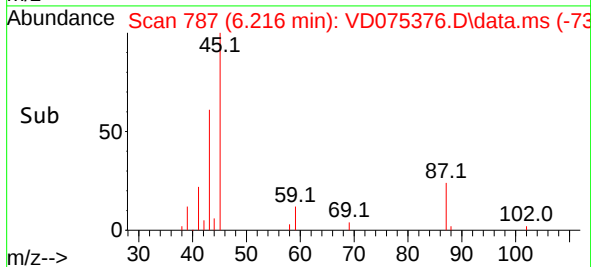
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

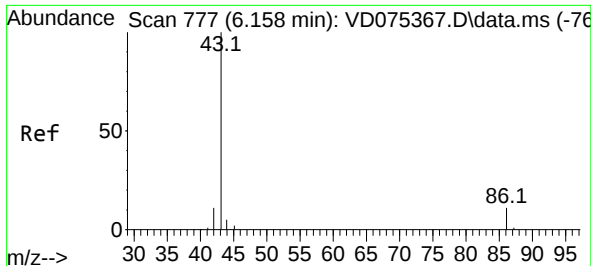


#22
Diisopropyl ether
Concen: 19.528 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05



Tgt Ion: 45 Resp: 37248
Ion Ratio Lower Upper
45 100
43 60.6 44.4 66.6
87 23.9 20.9 31.3
59 12.3 10.3 15.5





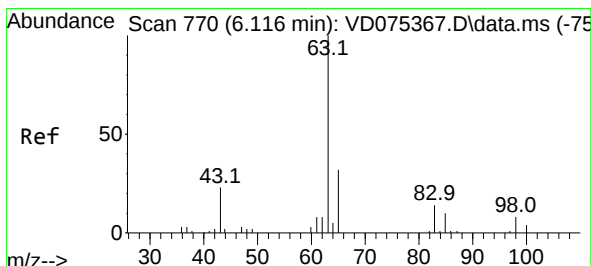
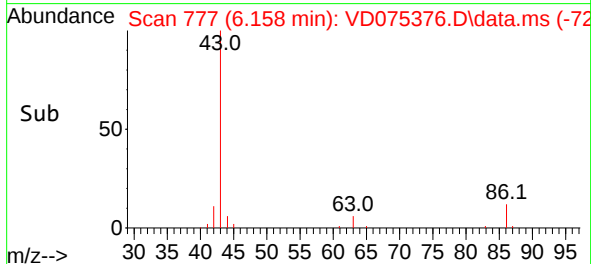
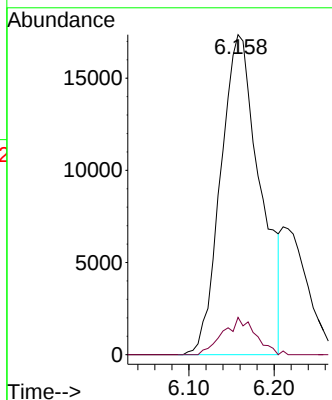
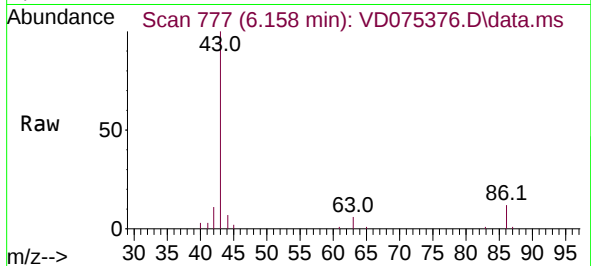
#23
 Vinyl Acetate
 Concen: 96.113 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD075376.D
 Acq: 21 Feb 2023 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 5605
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.0 13.6

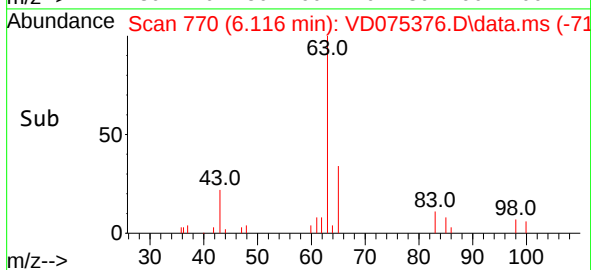
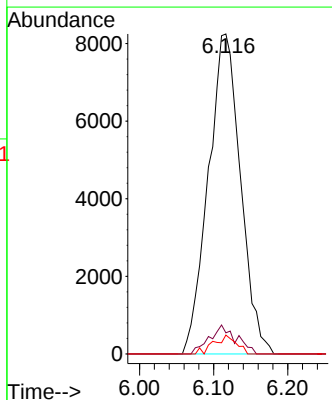
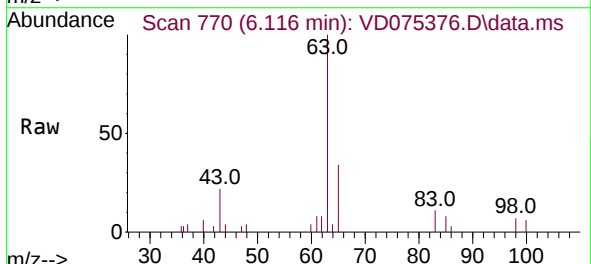
Manual Integrations
 APPROVED

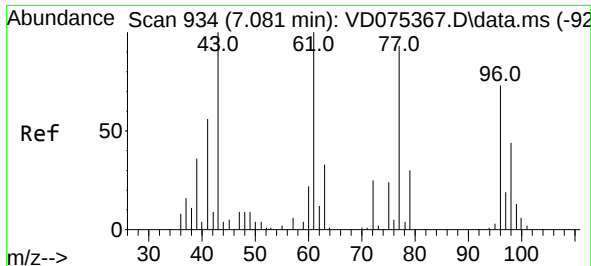
Reviewed By :Krupa Patel 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#24
 1,1-Dichloroethane
 Concen: 19.739 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075376.D
 Acq: 21 Feb 2023 12:05

Tgt Ion: 63 Resp: 24921
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 5.9 2.0 6.0





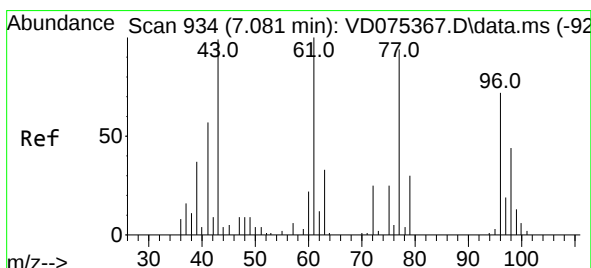
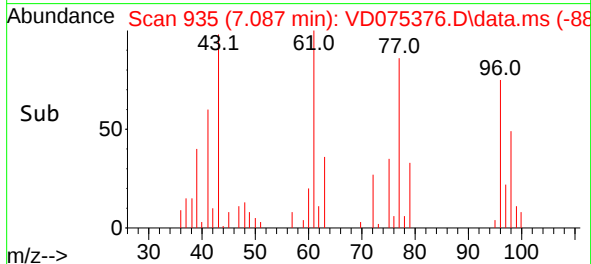
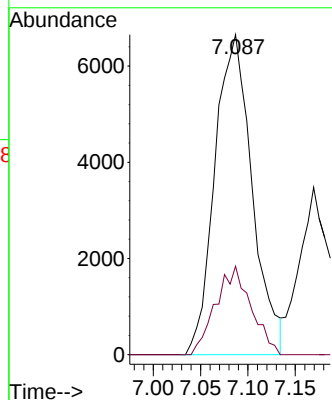
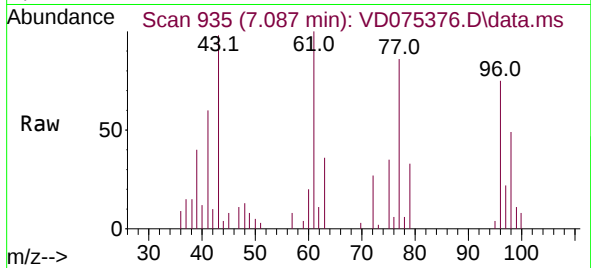
#25
2-Butanone
Concen: 97.548 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 1822
Ion Ratio Lower Upper
43 100
72 27.7 19.8 29.8

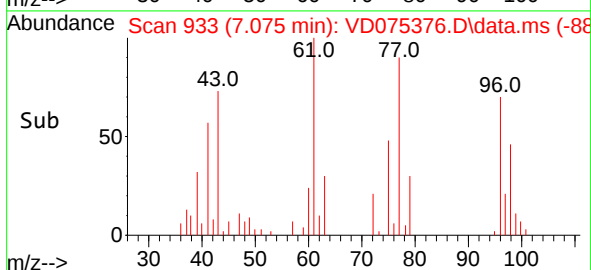
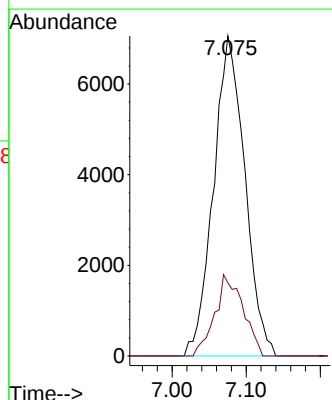
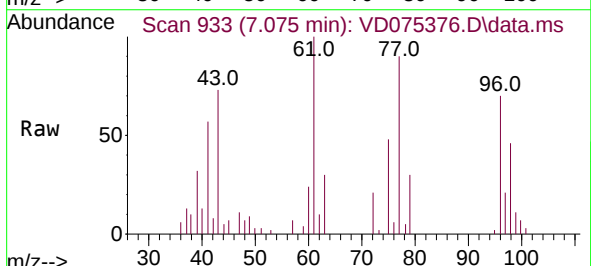
Manual Integrations
APPROVED

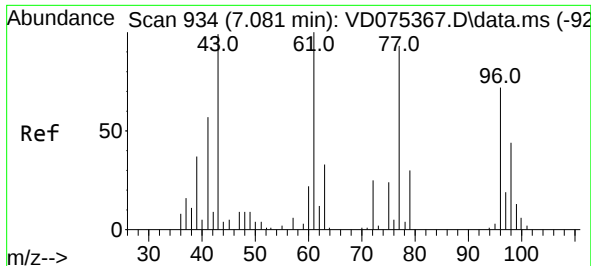
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#26
2,2-Dichloropropane
Concen: 18.779 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 77 Resp: 20746
Ion Ratio Lower Upper
77 100
97 22.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.369 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 1512

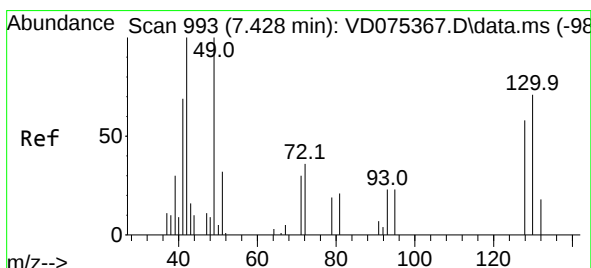
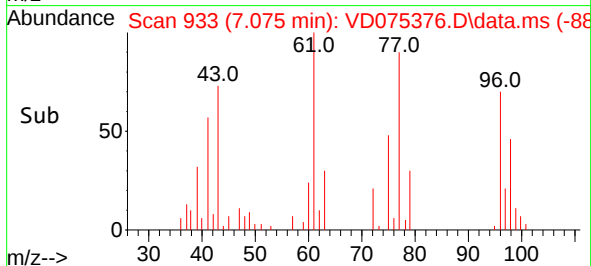
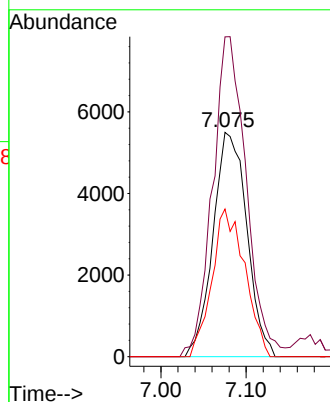
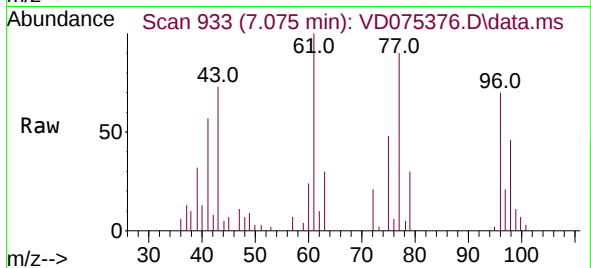
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	295.2
98	64.1	0.0	129.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#28

Bromochloromethane

Concen: 21.719 ug/l

RT: 7.434 min Scan# 994

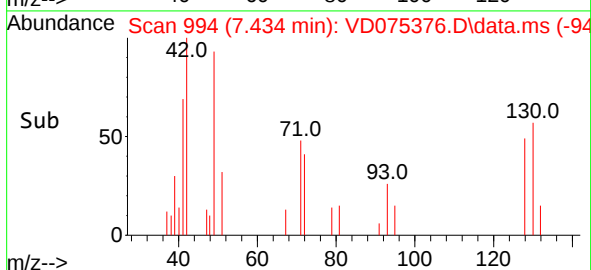
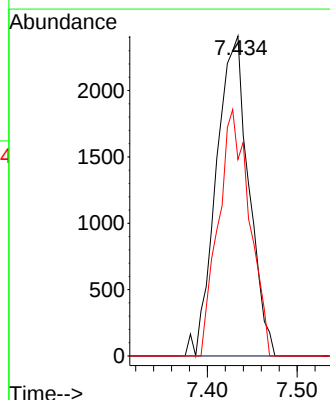
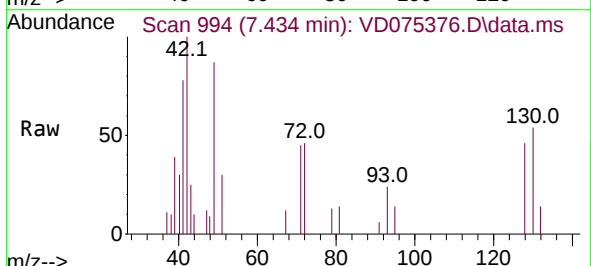
Delta R.T. 0.006 min

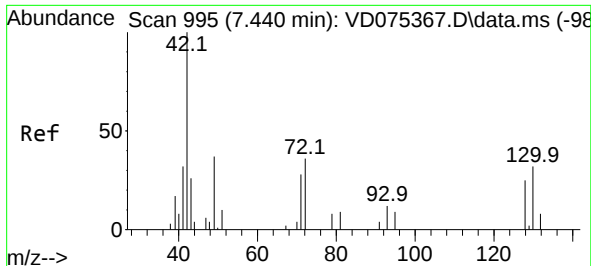
Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Tgt Ion: 49 Resp: 6078

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	73.7	56.0	84.0





#29

Tetrahydrofuran

Concen: 98.653 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

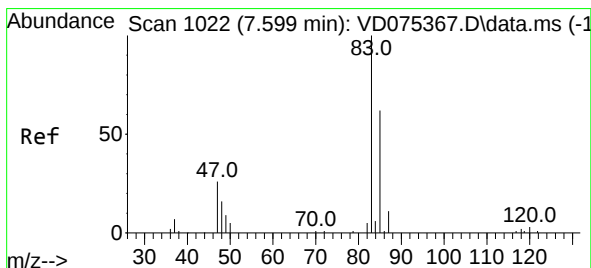
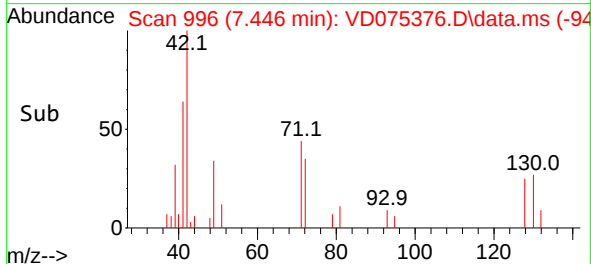
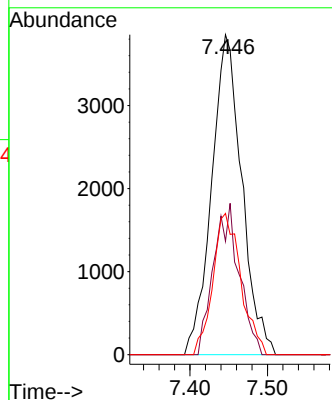
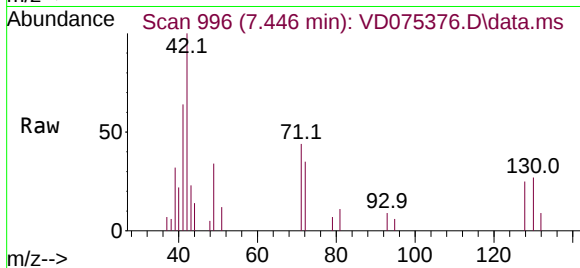
Tgt Ion:	42	Resp:	1043
Ion Ratio	Lower	Upper	
42	100		
72	40.1	31.8	47.6
71	40.9	27.6	41.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#30

Chloroform

Concen: 19.879 ug/l

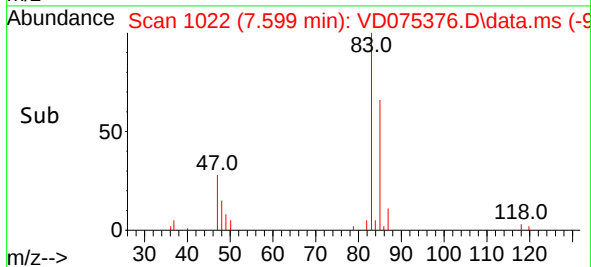
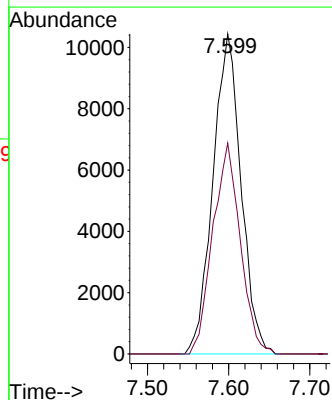
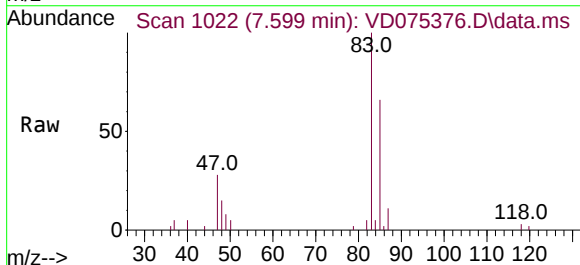
RT: 7.599 min Scan# 1022

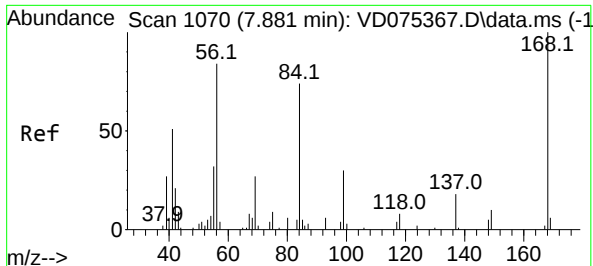
Delta R.T. 0.000 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

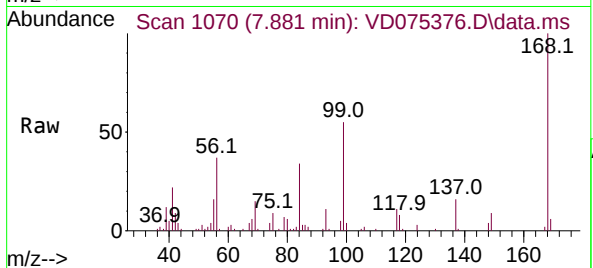
Tgt Ion:	83	Resp:	25110
Ion Ratio	Lower	Upper	
83	100		
85	65.9	49.4	74.2





#31
Cyclohexane
Concen: 19.403 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

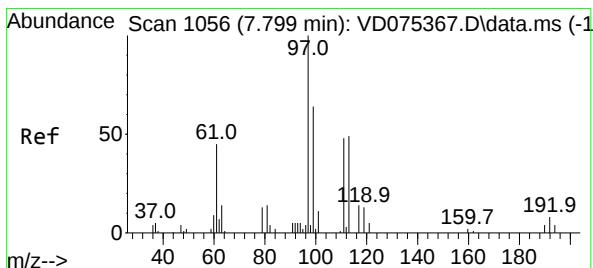
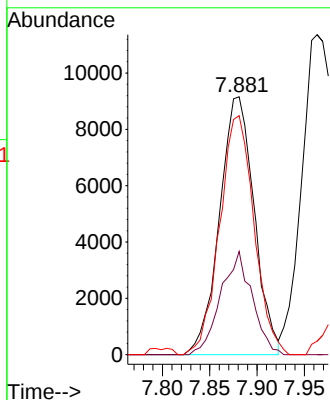
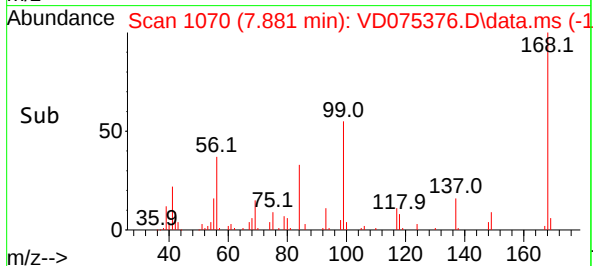
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



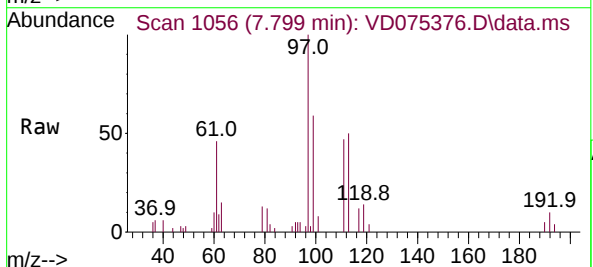
Tgt Ion: 56 Resp: 23279
Ion Ratio Lower Upper
56 100
69 40.1 25.5 38.3
84 92.7 69.6 104.4

Manual Integrations
APPROVED

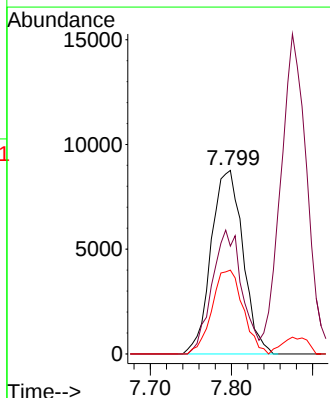
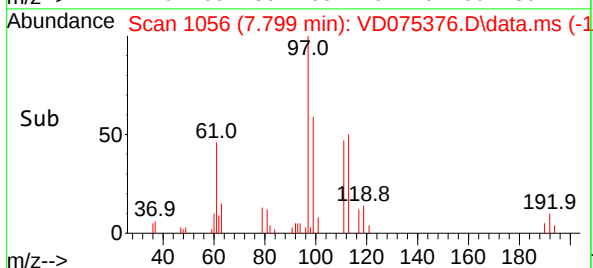
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

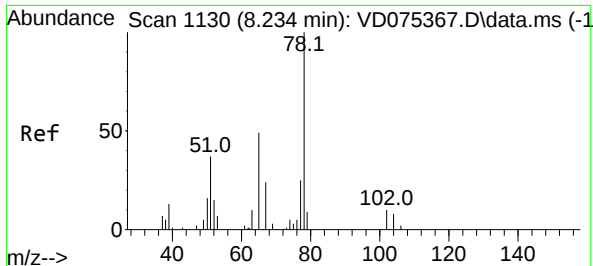


#32
1,1,1-Trichloroethane
Concen: 20.321 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05



Tgt Ion: 97 Resp: 23845
Ion Ratio Lower Upper
97 100
99 63.3 50.5 75.7
61 44.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 22.678 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 1233

Ion Ratio Lower Upper

65 100

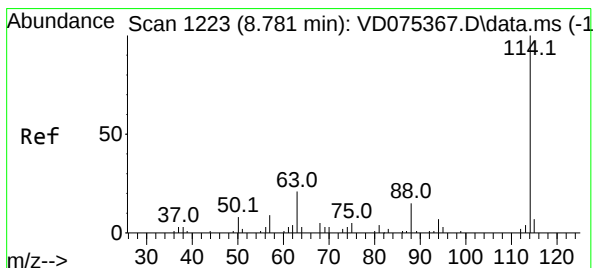
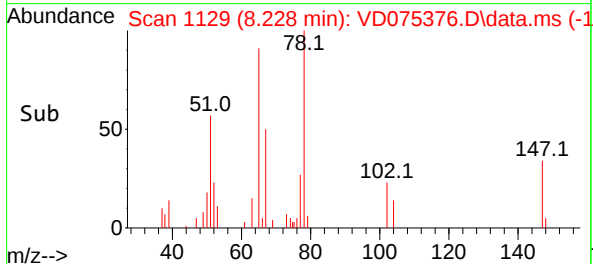
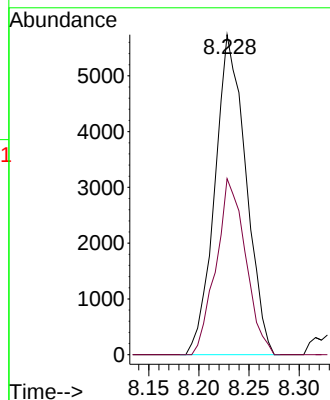
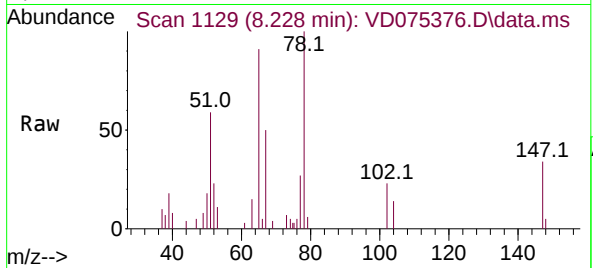
67 52.3 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

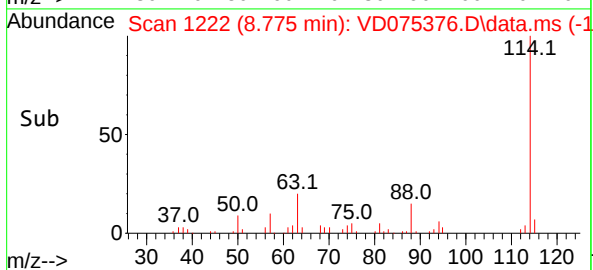
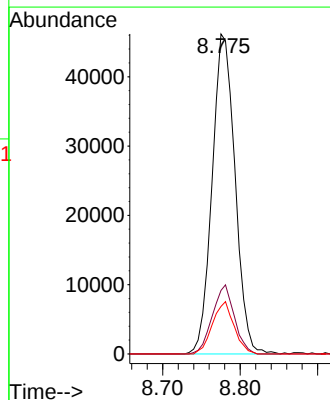
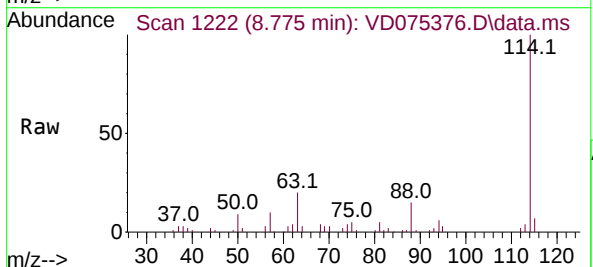
Tgt Ion:114 Resp: 94874

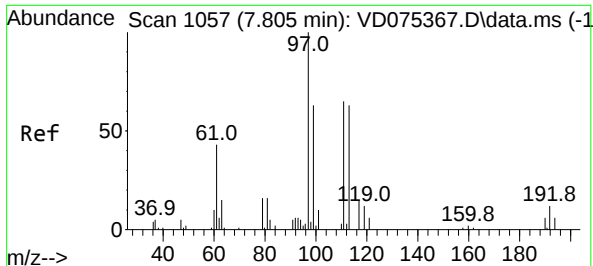
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 21.918 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 113 Resp: 1247

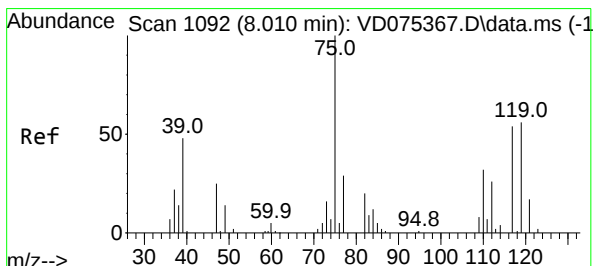
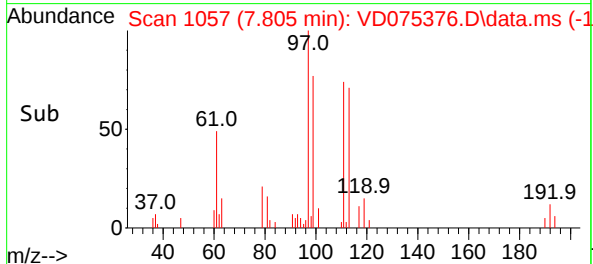
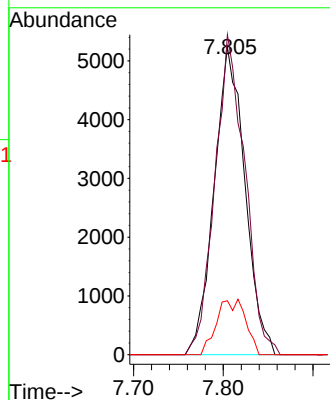
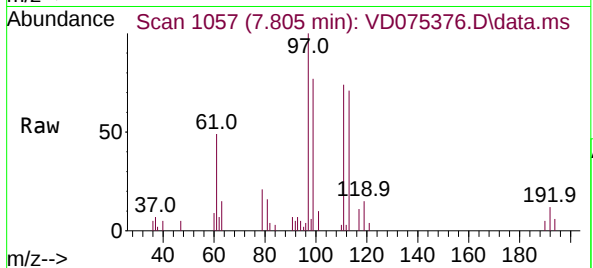
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.4	122.0
192	16.9	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#36

1,1-Dichloropropene

Concen: 19.885 ug/l

RT: 8.005 min Scan# 1091

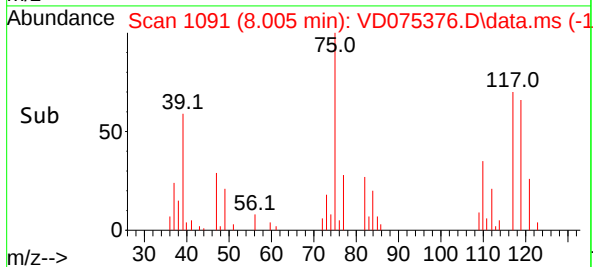
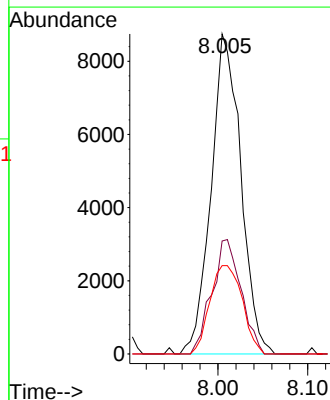
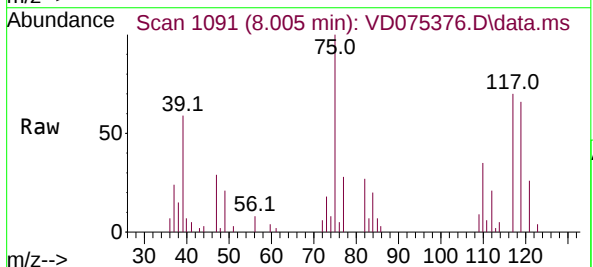
Delta R.T. -0.006 min

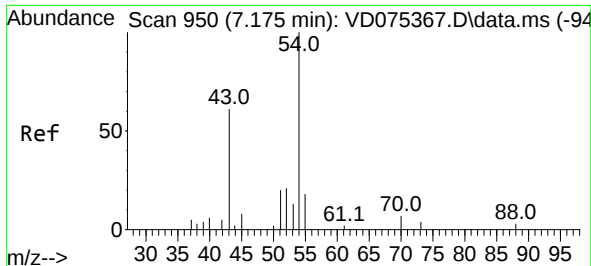
Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Tgt Ion: 75 Resp: 20128

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.1	51.2
77	30.0	24.6	36.8





#37

Ethyl Acetate

Concen: 20.459 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 8254

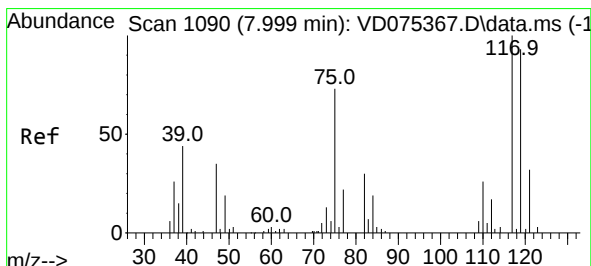
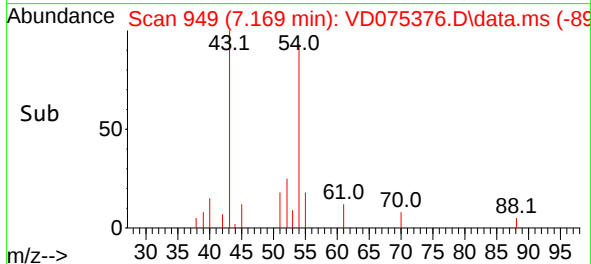
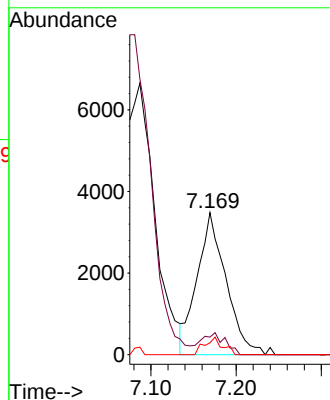
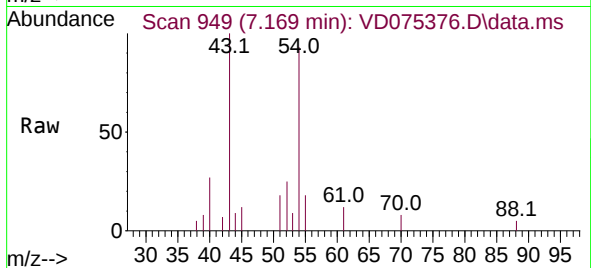
Ion	Ratio	Lower	Upper
43	100		
61	13.0	0.0	0.0
70	7.6	5.6	8.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#38

Carbon Tetrachloride

Concen: 19.044 ug/l

RT: 7.993 min Scan# 1089

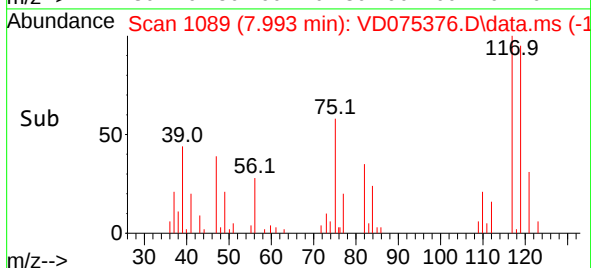
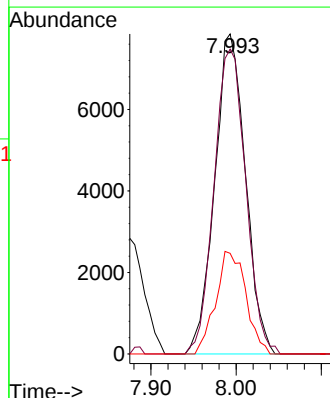
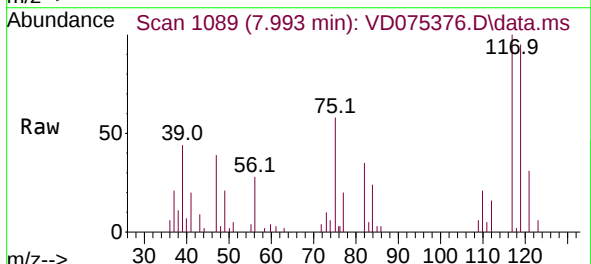
Delta R.T. -0.006 min

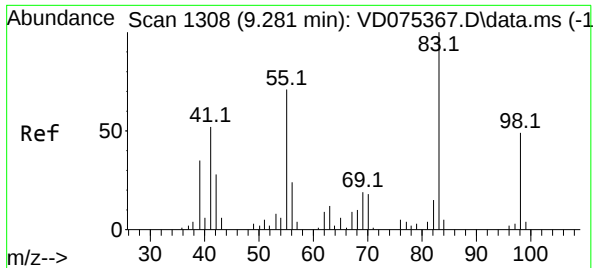
Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Tgt Ion:117 Resp: 19731

Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.7	112.1
121	31.4	25.9	38.9





#39

Methylcyclohexane

Concen: 19.145 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.006 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

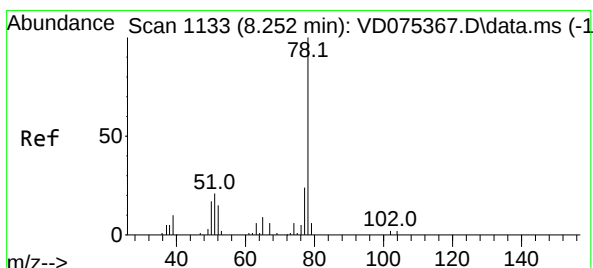
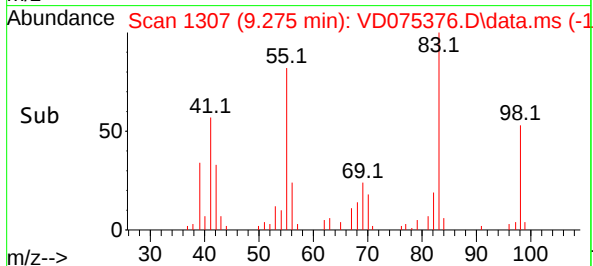
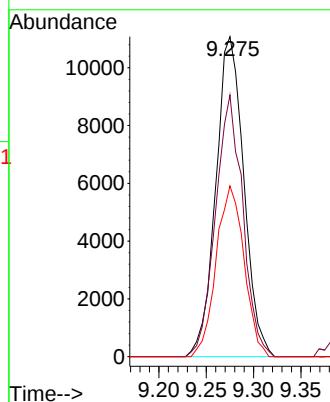
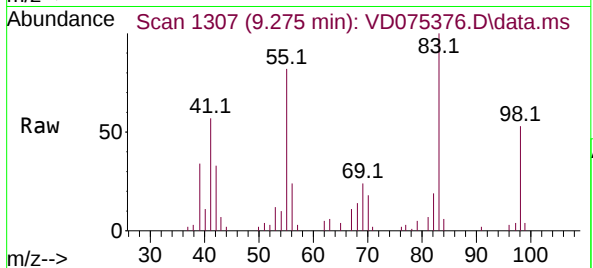
Tgt Ion: 83	Resp: 22784
Ion Ratio	Lower Upper
83 100	
55 81.7	56.8 85.2
98 53.3	38.9 58.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#40

Benzene

Concen: 19.653 ug/l

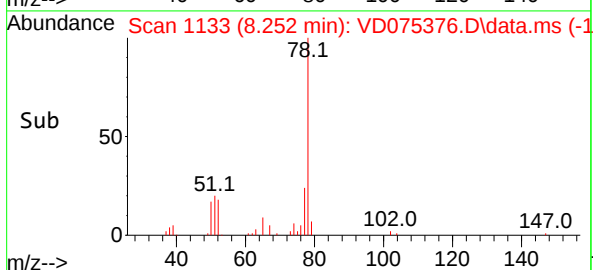
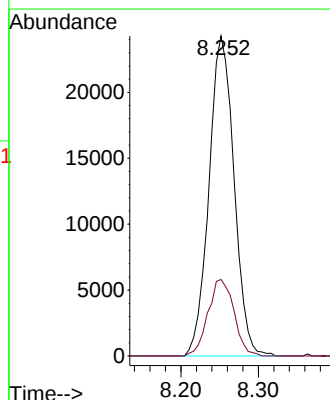
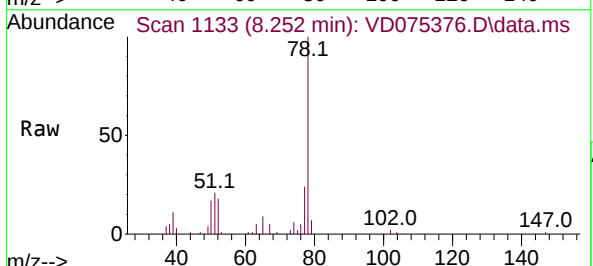
RT: 8.252 min Scan# 1133

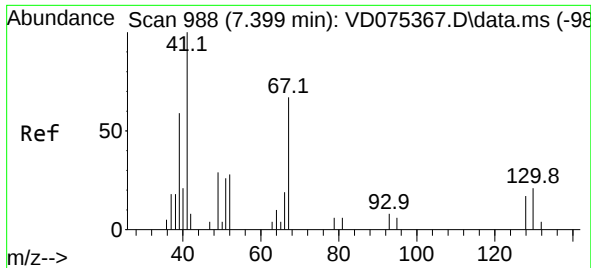
Delta R.T. 0.000 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

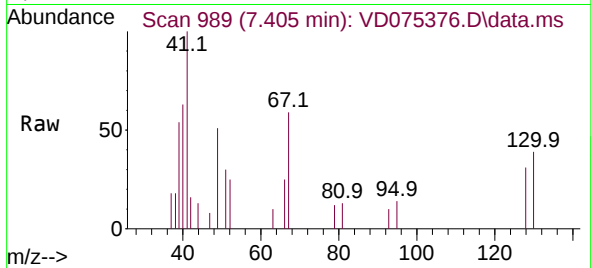
Tgt Ion: 78	Resp: 54571
Ion Ratio	Lower Upper
78 100	
77 23.9	19.1 28.7





#41
Methacrylonitrile
Concen: 16.050 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

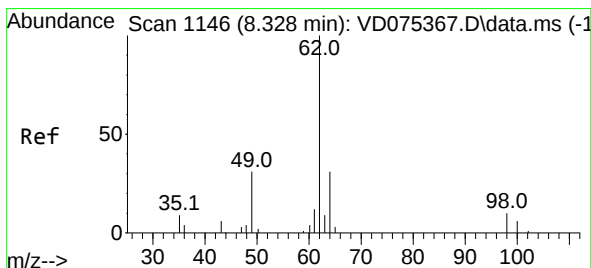
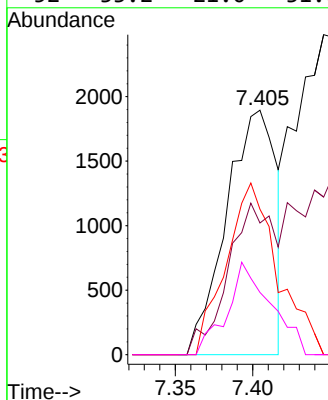
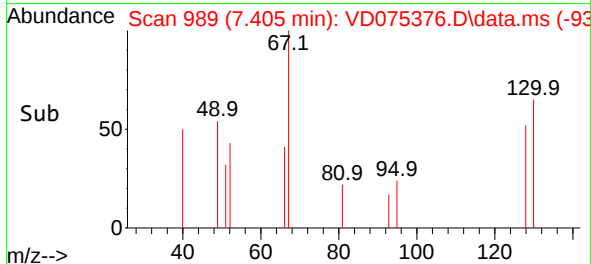
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 423
Ion Ratio Lower Upper
41 100
39 58.4 45.3 67.9
67 72.9 50.5 75.7
52 33.2 21.0 31.6#

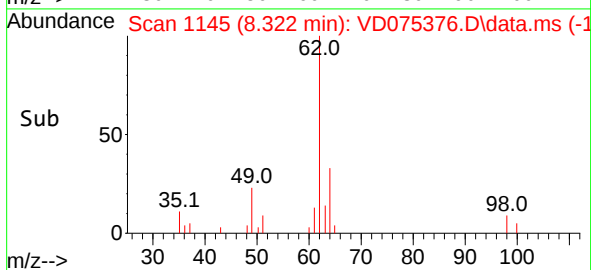
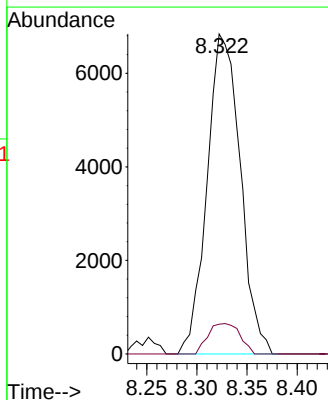
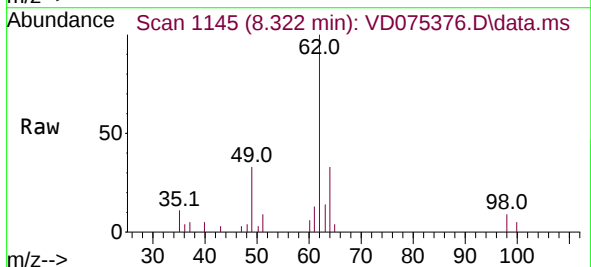
Manual Integrations
APPROVED

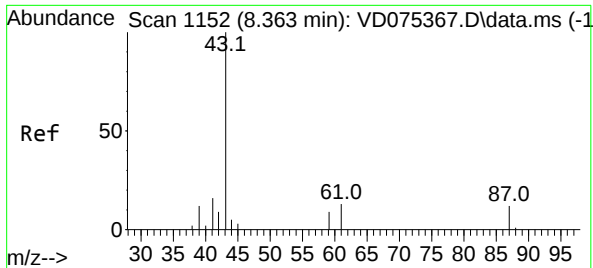
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#42
1,2-Dichloroethane
Concen: 20.195 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

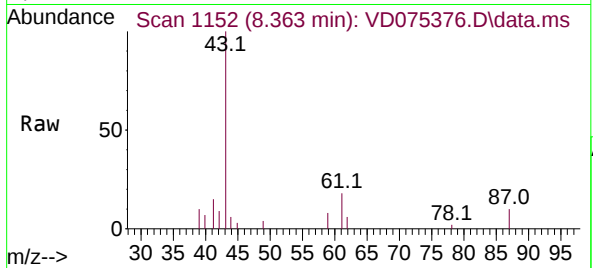
Tgt Ion: 62 Resp: 15764
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.8





#43
Isopropyl Acetate
Concen: 19.927 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

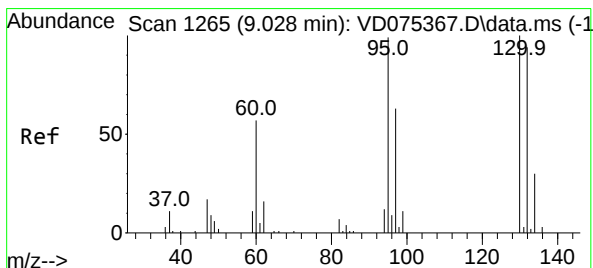
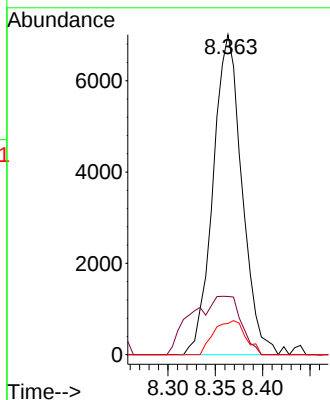
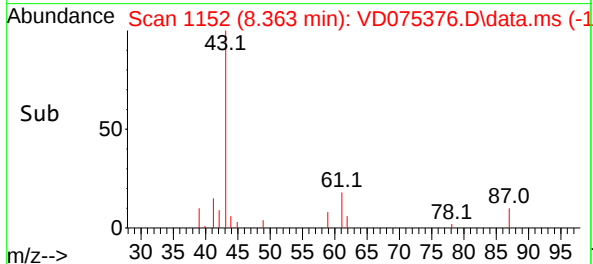
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



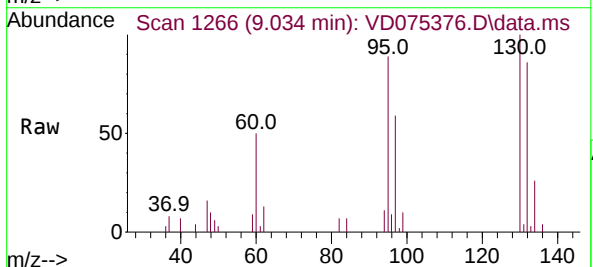
Tgt Ion: 43 Resp: 14890
Ion Ratio Lower Upper
43 100
61 31.1 23.4 35.0
87 11.6 9.5 14.3

Manual Integrations
APPROVED

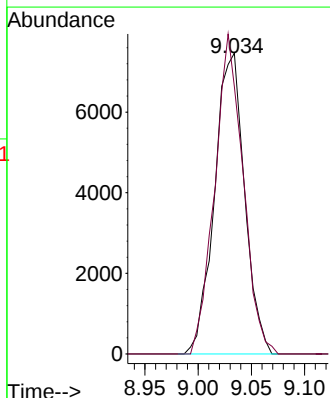
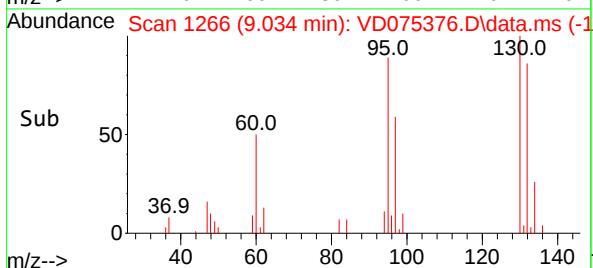
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

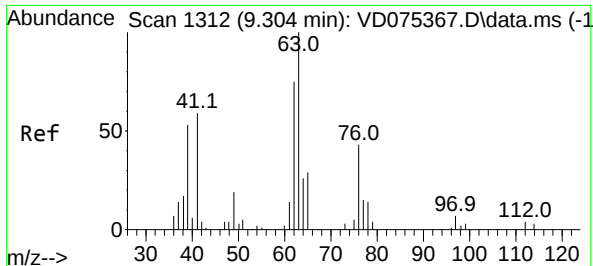


#44
Trichloroethene
Concen: 19.651 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05



Tgt Ion:130 Resp: 14663
Ion Ratio Lower Upper
130 100
95 88.9 0.0 197.6





#45

1,2-Dichloropropane

Concen: 20.100 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 13590

Ion Ratio Lower Upper

63 100

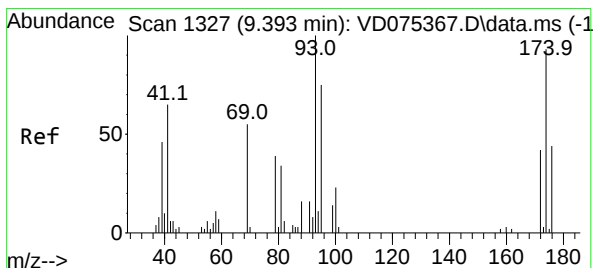
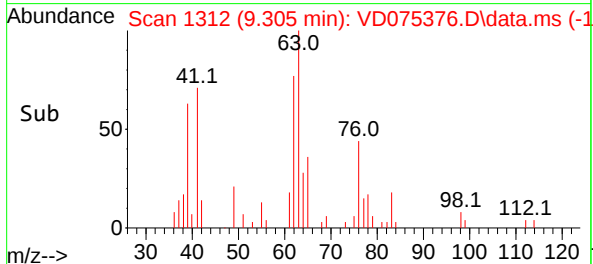
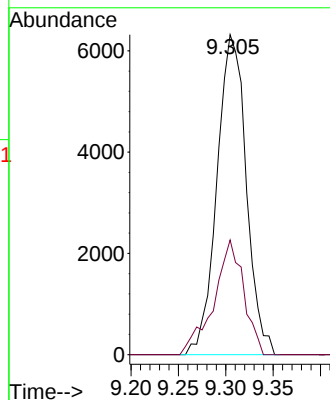
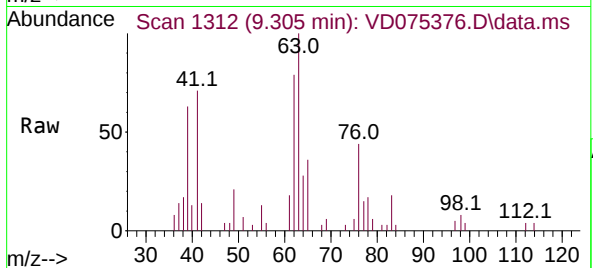
65 35.9 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#46

Dibromomethane

Concen: 19.837 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

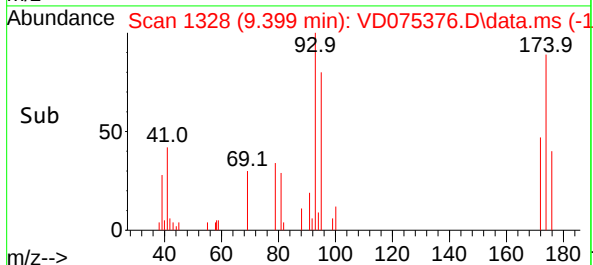
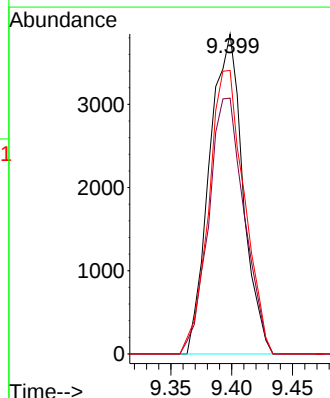
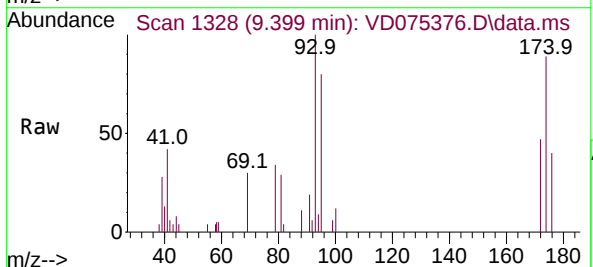
Tgt Ion: 93 Resp: 7330

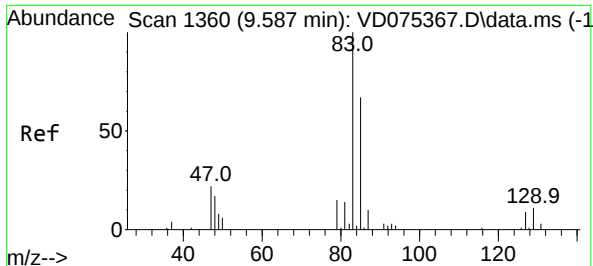
Ion Ratio Lower Upper

93 100

95 85.5 64.5 96.7

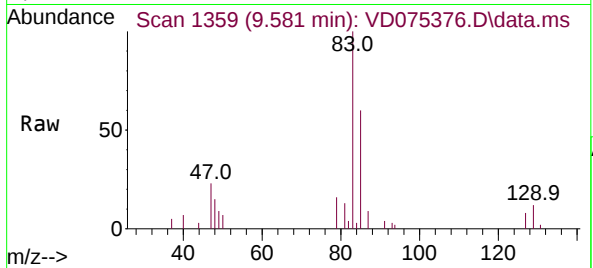
174 94.2 76.2 114.4





#47
Bromodichloromethane
Concen: 19.985 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

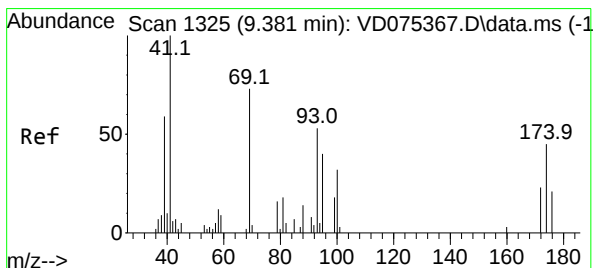
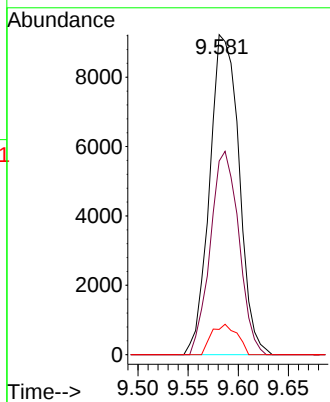
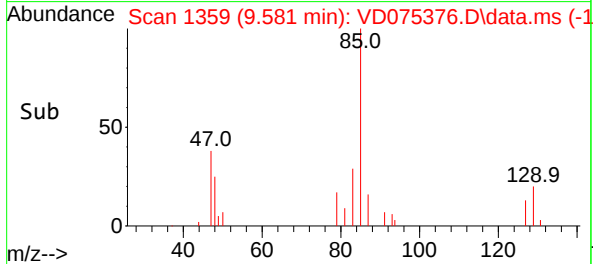
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 18800
Ion Ratio Lower Upper
83 100
85 60.5 53.7 80.5
127 7.9 7.0 10.6

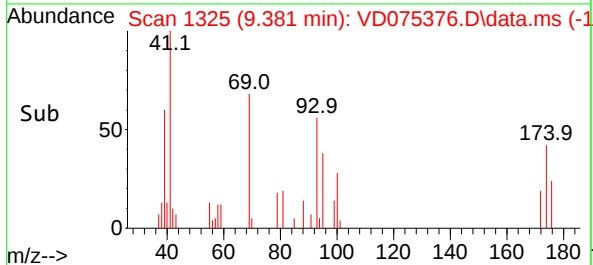
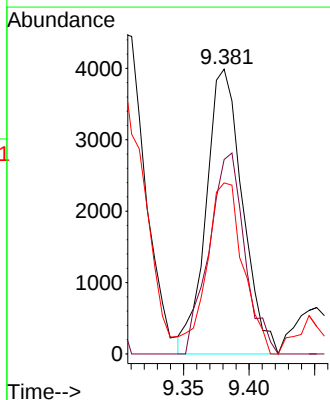
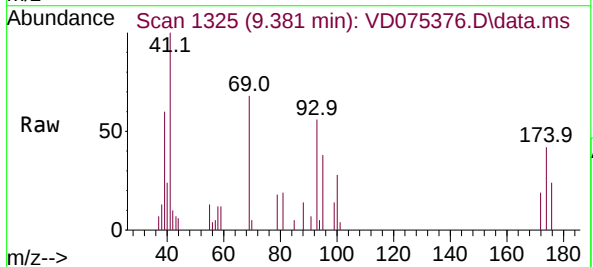
Manual Integrations
APPROVED

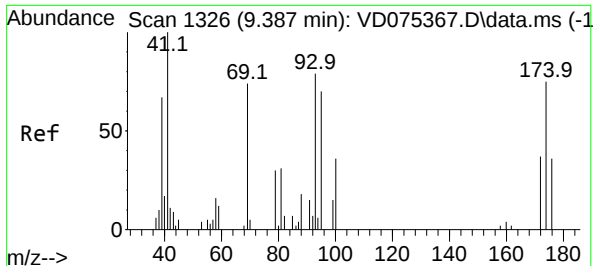
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#48
Methyl methacrylate
Concen: 20.272 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 41 Resp: 7666
Ion Ratio Lower Upper
41 100
69 69.3 58.6 88.0
39 60.5 53.4 80.0





#49

1,4-Dioxane

Concen: 409.011 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 1250

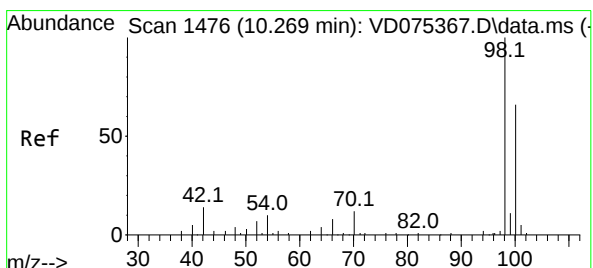
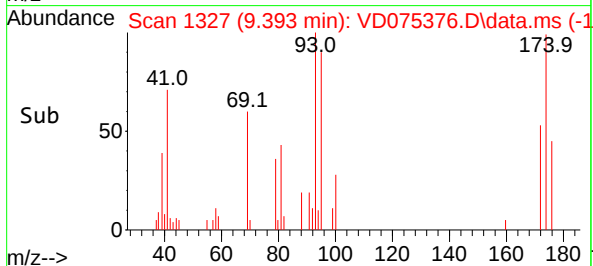
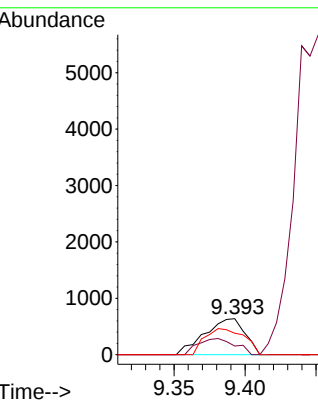
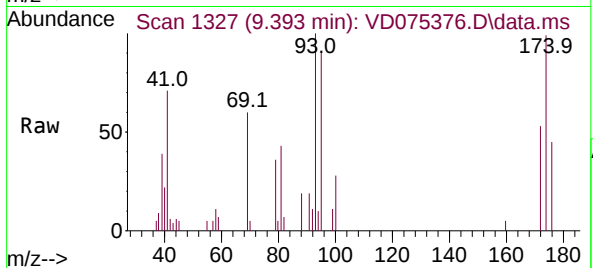
Ion	Ratio	Lower	Upper
88	100		
43	41.7	34.6	51.8
58	70.5	58.0	87.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#50

Toluene-d8

Concen: 22.474 ug/l

RT: 10.269 min Scan# 1476

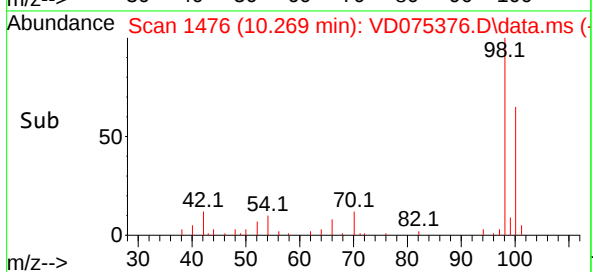
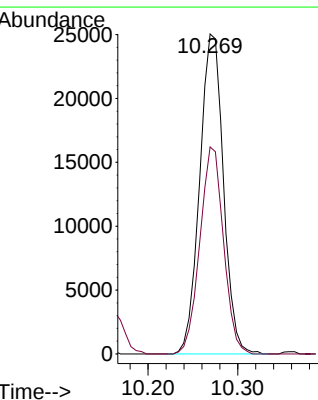
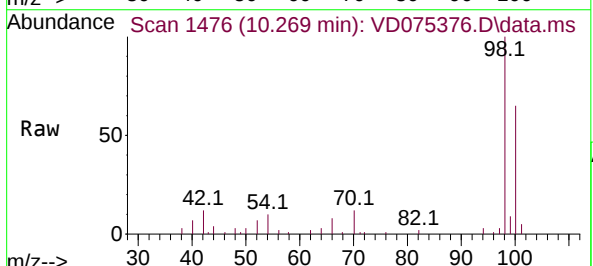
Delta R.T. 0.000 min

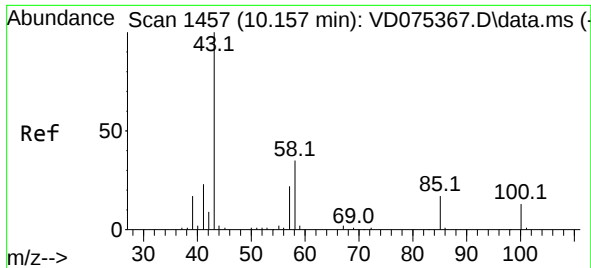
Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Tgt Ion: 98 Resp: 45950

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1





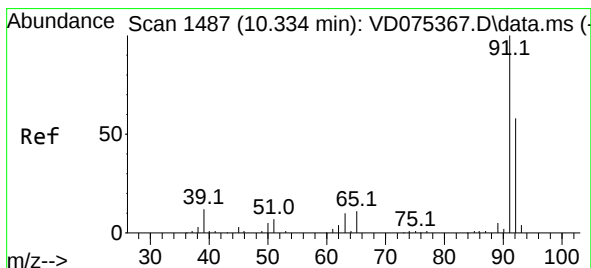
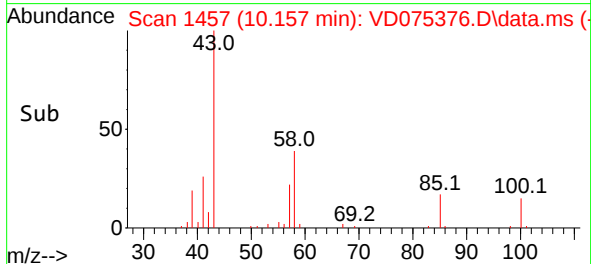
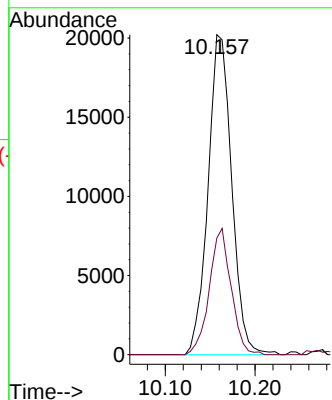
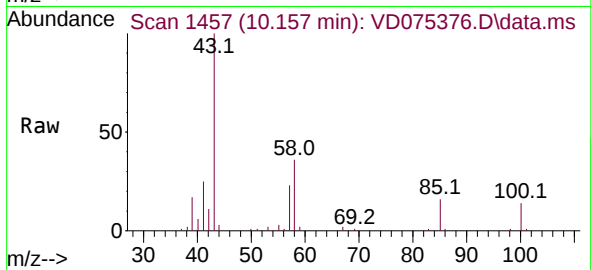
#51
4-Methyl-2-Pentanone
Concen: 97.548 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 3708
Ion Ratio Lower Upper
43 100
58 36.2 29.5 44.3

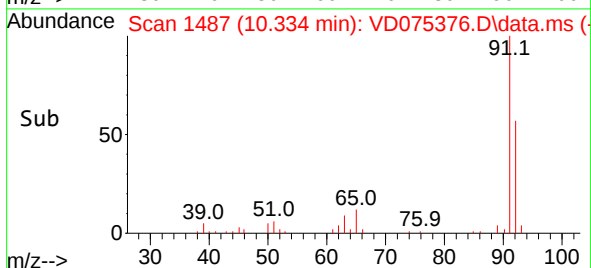
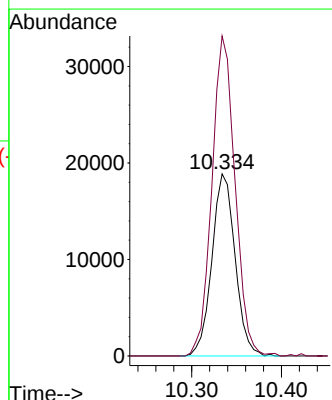
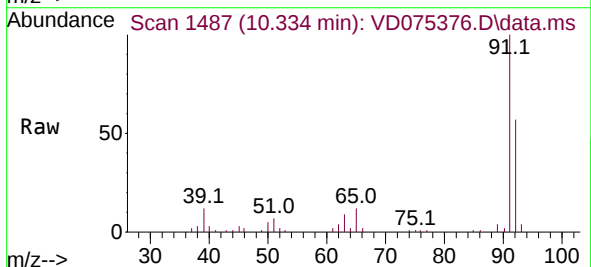
Manual Integrations
APPROVED

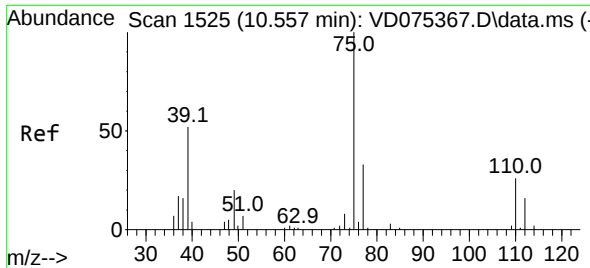
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#52
Toluene
Concen: 19.866 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 92 Resp: 33841
Ion Ratio Lower Upper
92 100
91 175.6 136.5 204.7





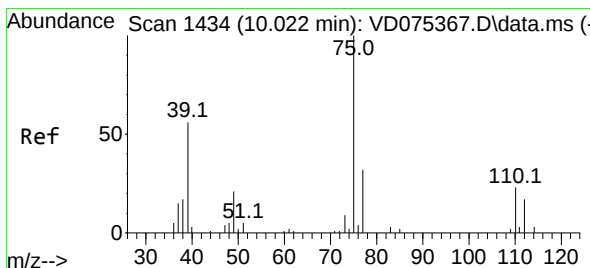
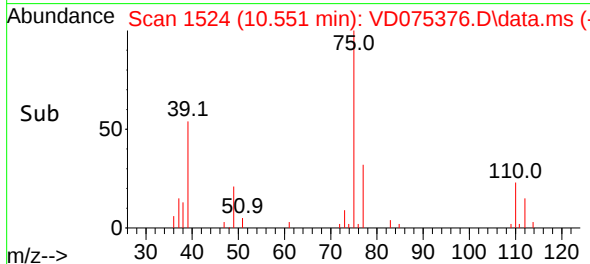
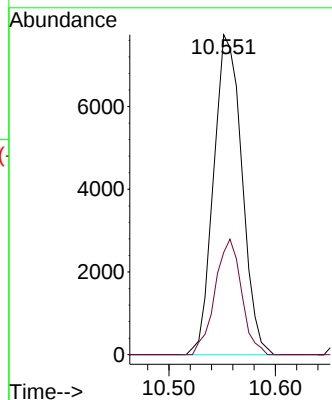
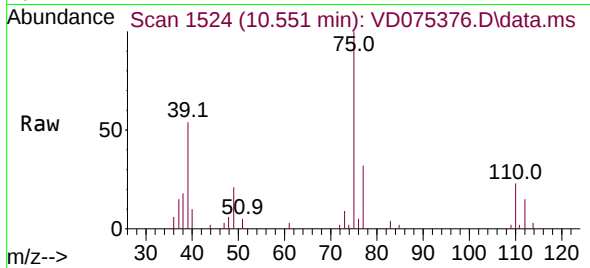
#53
t-1,3-Dichloropropene
Concen: 18.406 ug/l
RT: 10.551 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 14280
Ion Ratio Lower Upper
75 100
77 32.0 26.3 39.5

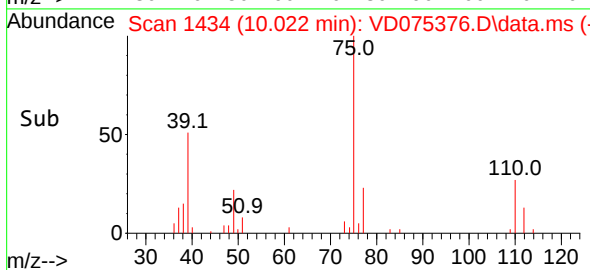
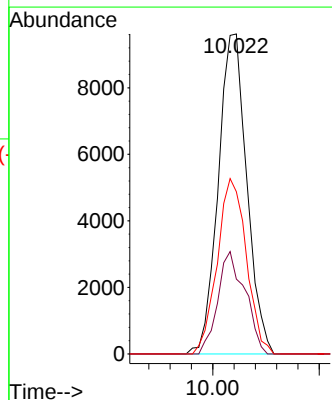
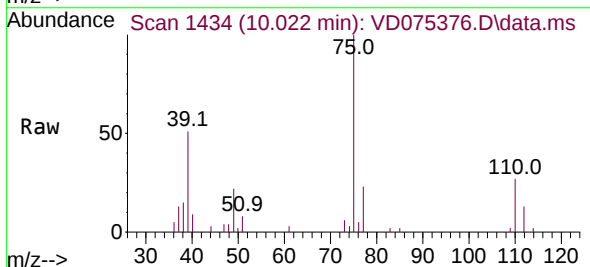
Manual Integrations
APPROVED

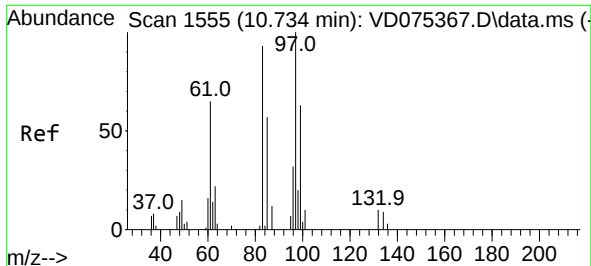
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#54
cis-1,3-Dichloropropene
Concen: 18.935 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

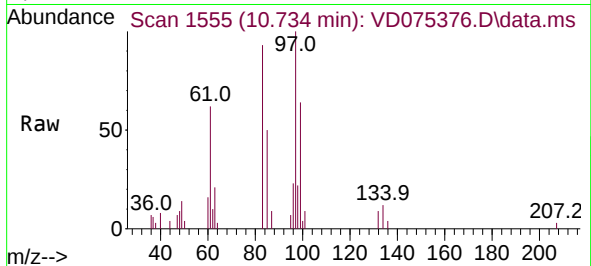
Tgt Ion: 75 Resp: 17903
Ion Ratio Lower Upper
75 100
77 23.4 25.6 38.4#
39 50.7 44.8 67.2





#55
1,1,2-Trichloroethane
Concen: 20.010 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

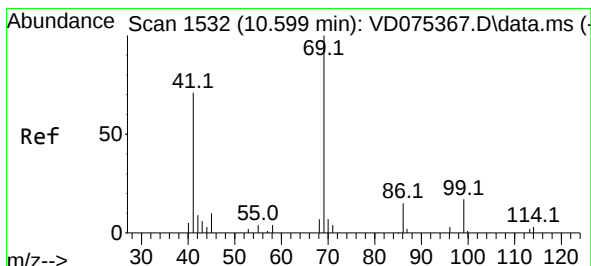
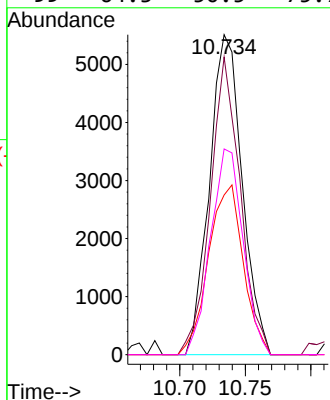
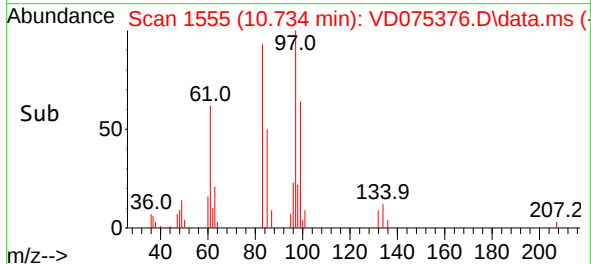
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.0	74.2	111.4
85	49.9	45.4	68.0
99	64.3	50.5	75.7

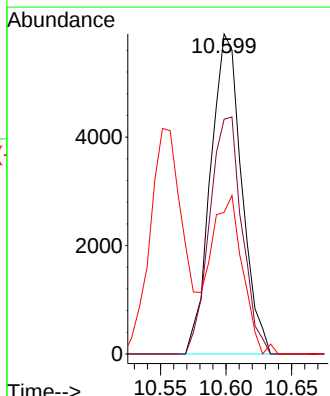
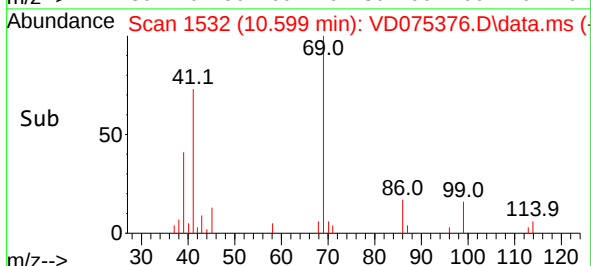
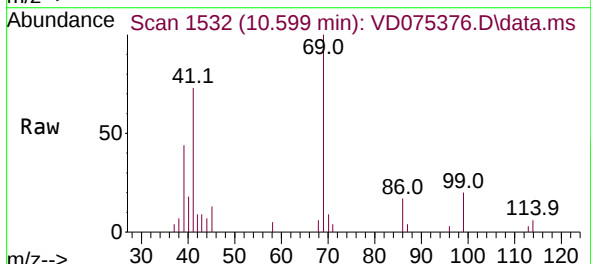
Manual Integrations
APPROVED

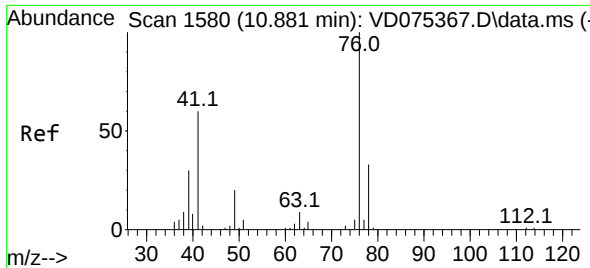
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#56
Ethyl methacrylate
Concen: 18.388 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.0	59.3	88.9
39	48.5	36.0	54.0





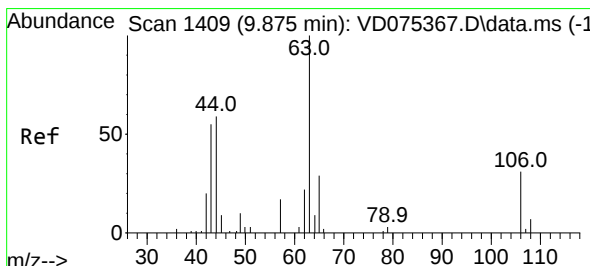
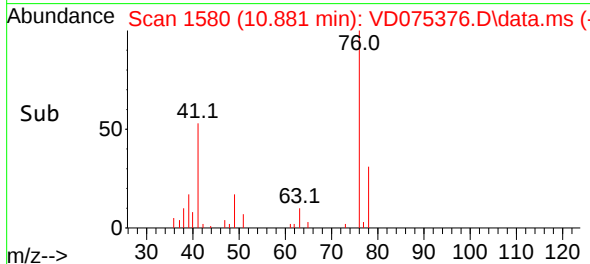
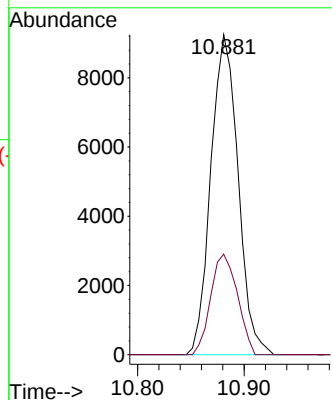
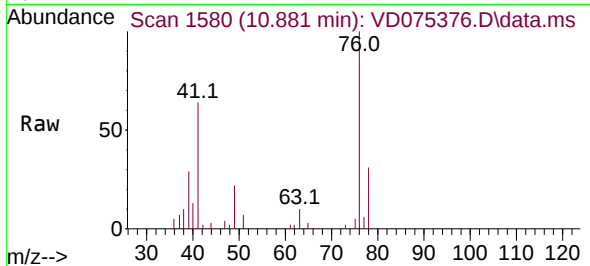
#57
1,3-Dichloropropane
Concen: 19.840 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument : MSVOA_D
ClientSampleId : VSTDIC020

Tgt Ion: 76 Resp: 1641
Ion Ratio Lower Upper
76 100
78 30.8 25.6 38.4

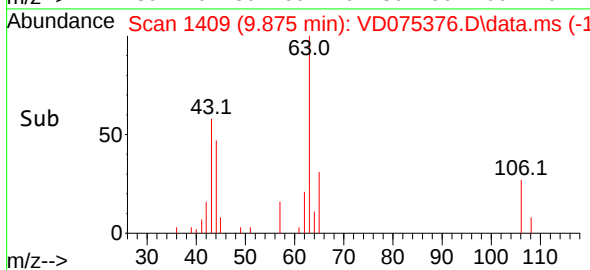
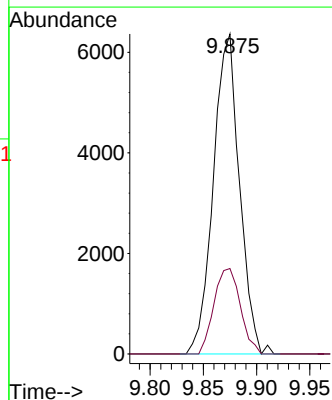
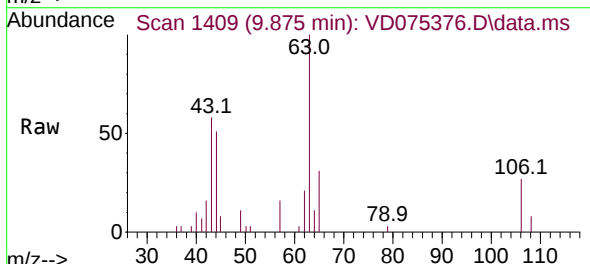
Manual Integrations
APPROVED

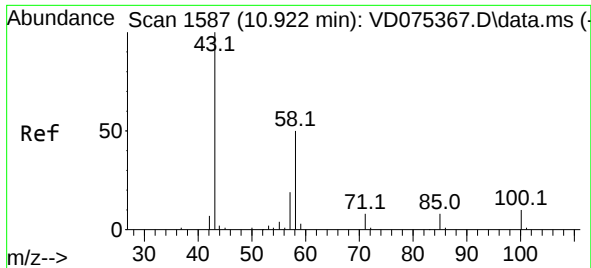
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 97.702 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

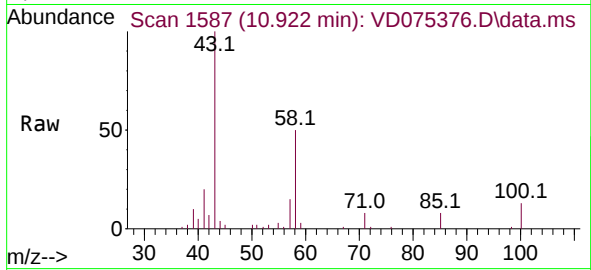
Tgt Ion: 63 Resp: 10853
Ion Ratio Lower Upper
63 100
106 26.9 21.4 32.2





#59
2-Hexanone
Concen: 98.236 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

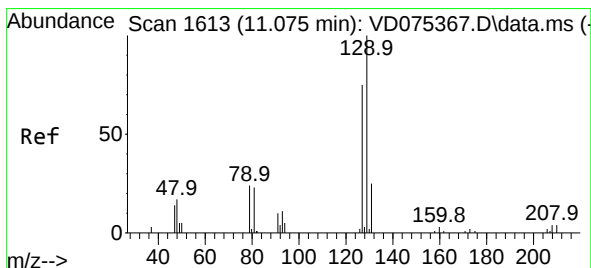
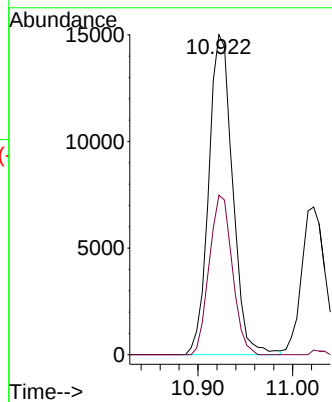
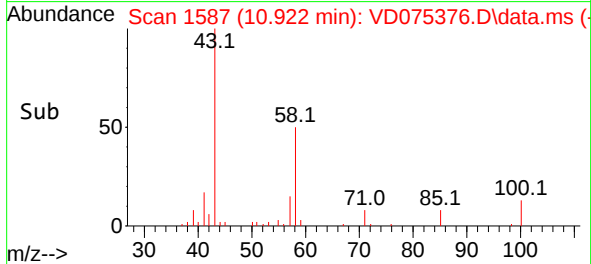
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 26370
Ion Ratio Lower Upper
43 100
58 48.0 25.3 75.8

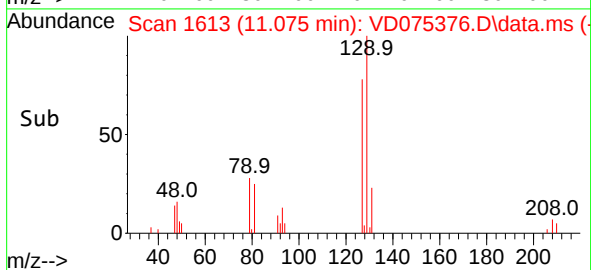
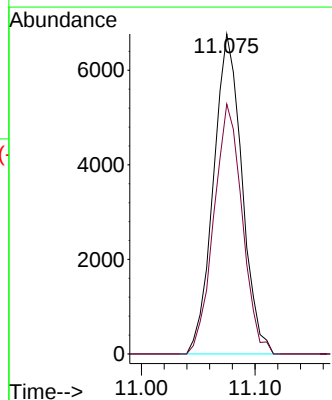
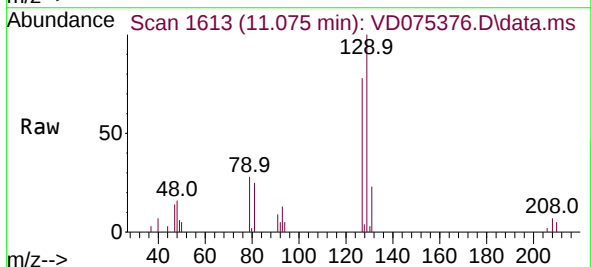
Manual Integrations
APPROVED

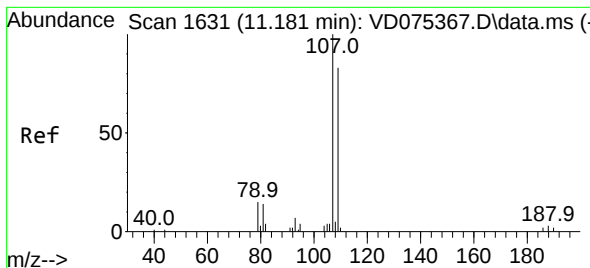
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#60
Dibromochloromethane
Concen: 19.597 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

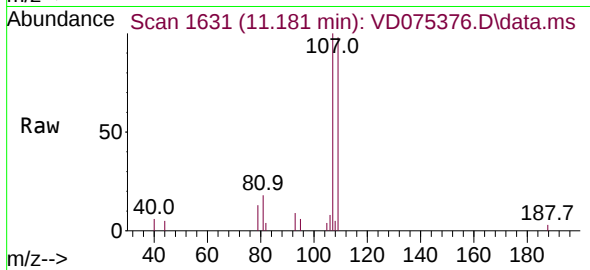
Tgt Ion:129 Resp: 11799
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5





#61
1,2-Dibromoethane
Concen: 20.636 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

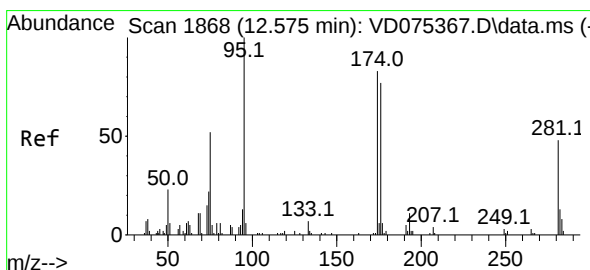
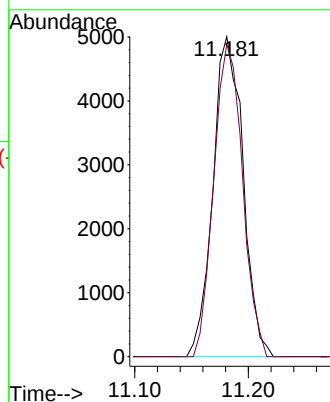
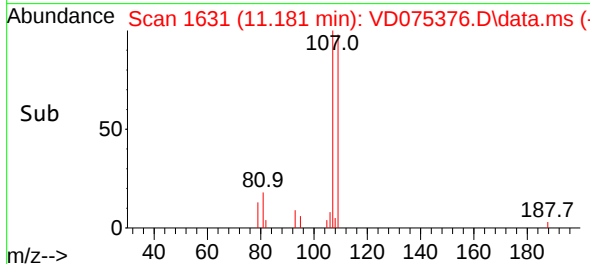
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



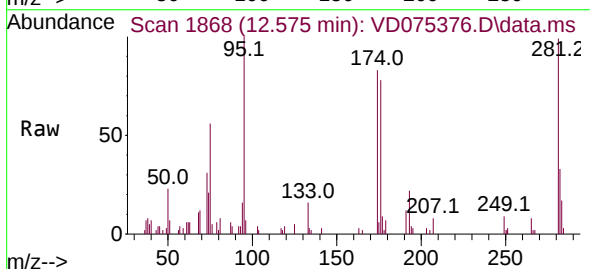
Tgt Ion:107 Resp: 9200
Ion Ratio Lower Upper
107 100
109 93.6 73.6 110.4

Manual Integrations
APPROVED

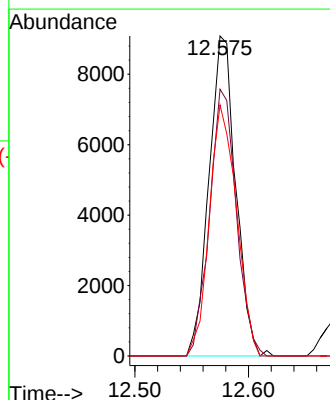
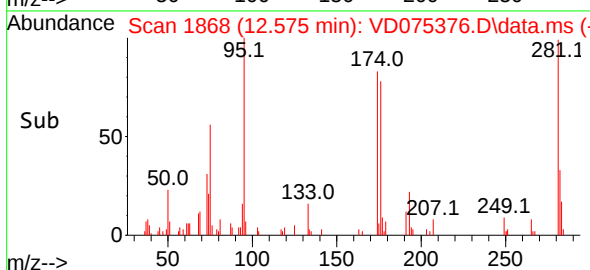
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

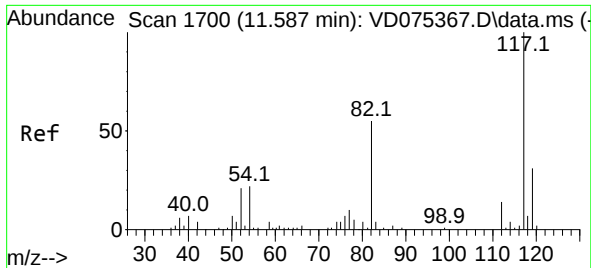


#62
4-Bromofluorobenzene
Concen: 21.473 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05



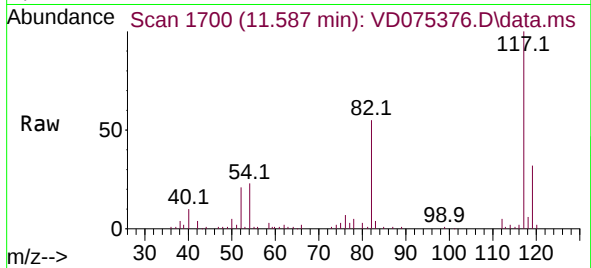
Tgt Ion: 95 Resp: 14849
Ion Ratio Lower Upper
95 100
174 83.5 0.0 164.0
176 79.9 0.0 156.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

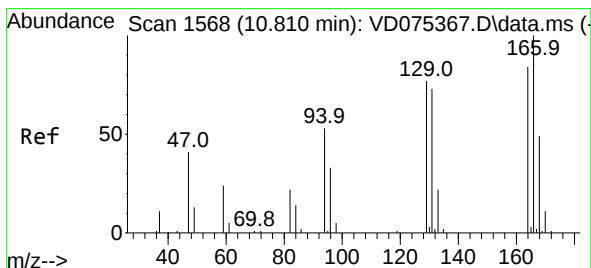
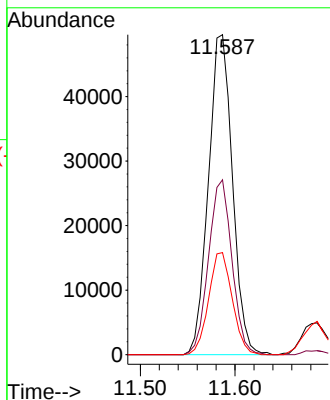
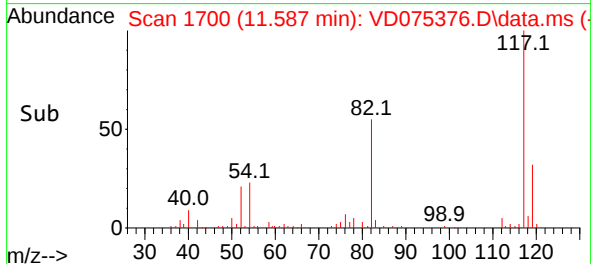
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



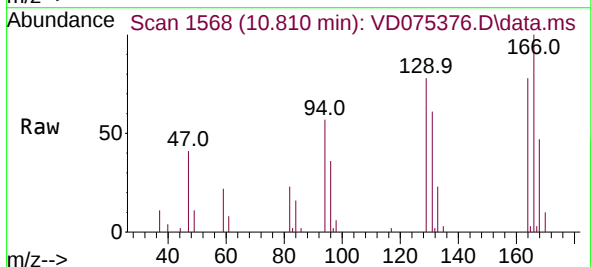
Tgt Ion:117 Resp: 87389
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 31.9 25.1 37.7

Manual Integrations
APPROVED

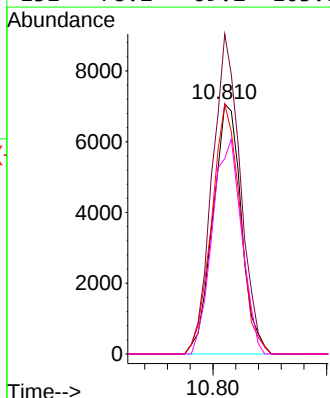
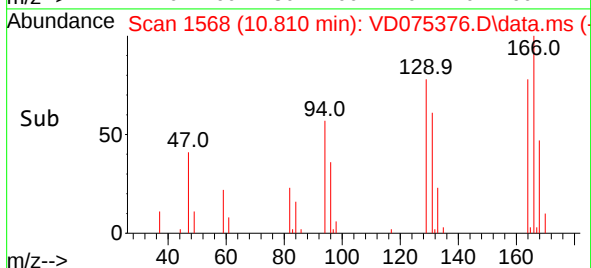
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

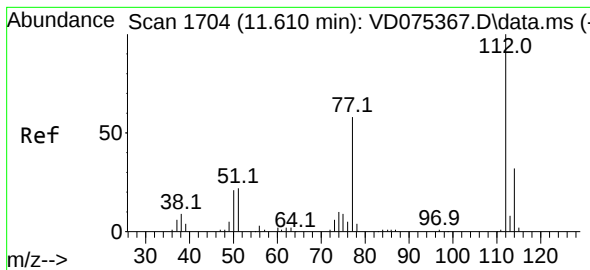


#64
Tetrachloroethene
Concen: 19.443 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05



Tgt Ion:164 Resp: 12300
Ion Ratio Lower Upper
164 100
166 128.0 94.9 142.3
129 100.0 73.0 109.6
131 78.2 69.2 103.8





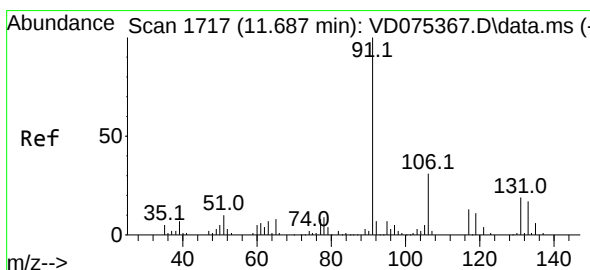
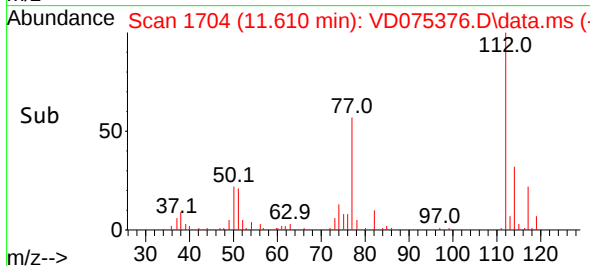
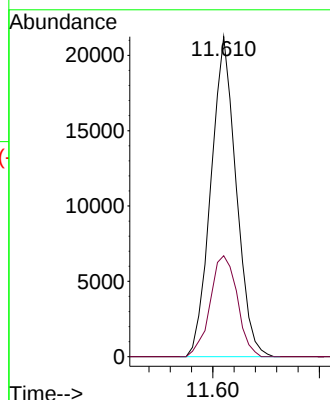
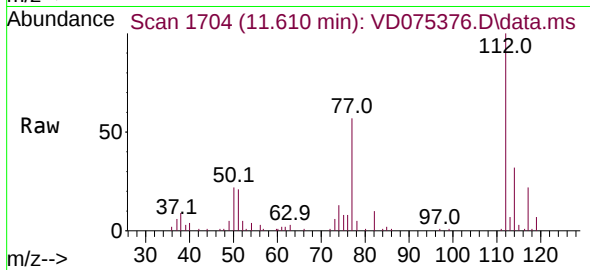
#65
Chlorobenzene
Concen: 19.077 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 3491
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8

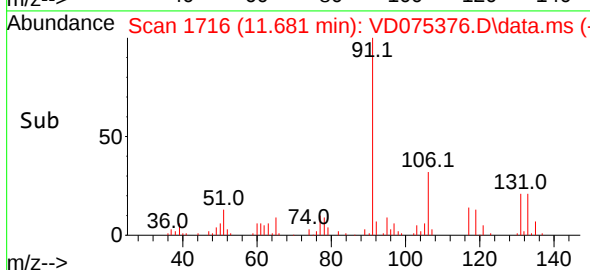
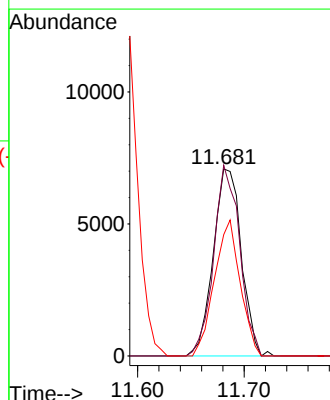
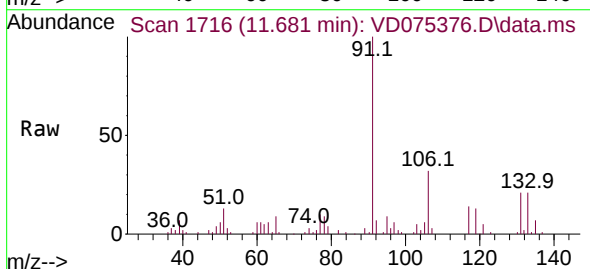
Manual Integrations
APPROVED

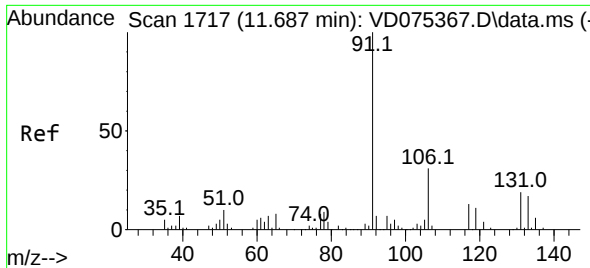
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.589 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:131 Resp: 12982
Ion Ratio Lower Upper
131 100
133 94.3 46.7 140.0
119 66.7 31.9 95.9





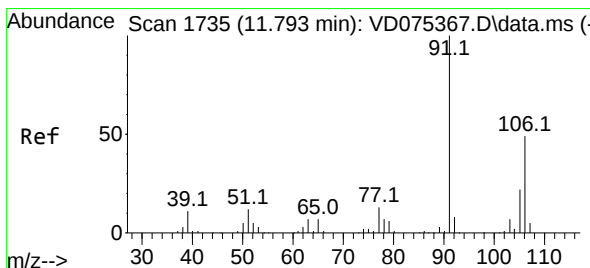
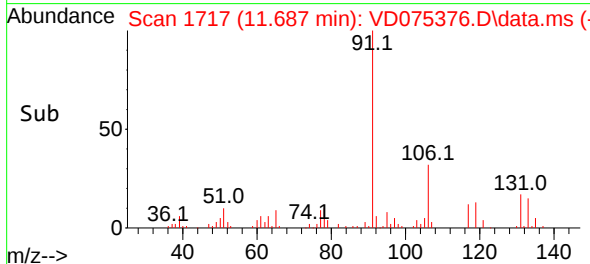
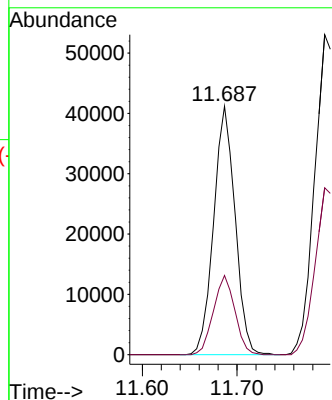
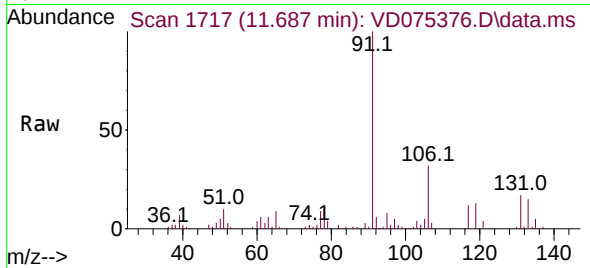
#67
Ethyl Benzene
Concen: 19.289 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 64880
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7

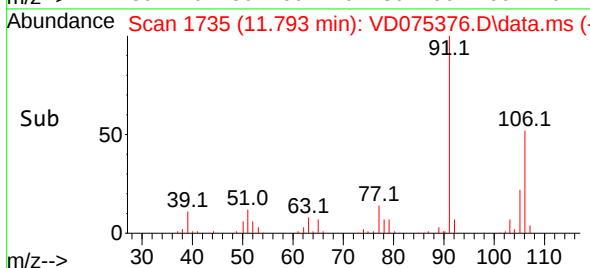
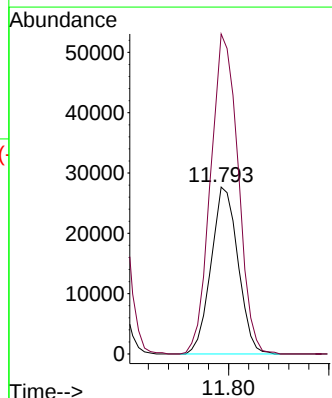
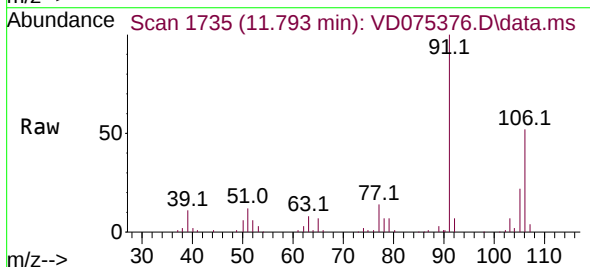
Manual Integrations
APPROVED

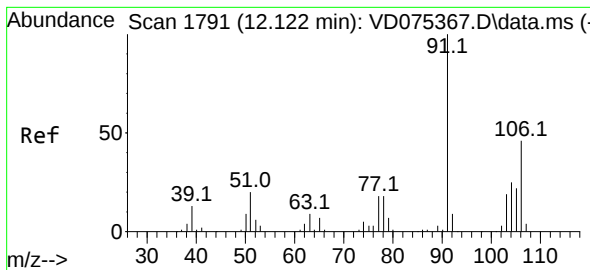
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#68
m/p-Xylenes
Concen: 39.650 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:106 Resp: 51562
Ion Ratio Lower Upper
106 100
91 196.2 161.5 242.3





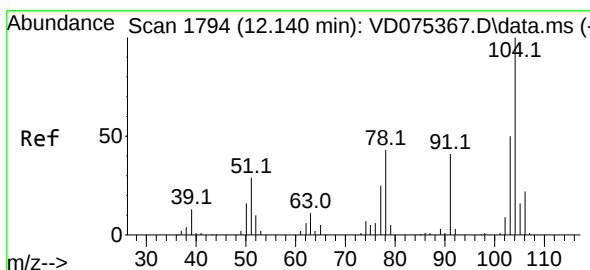
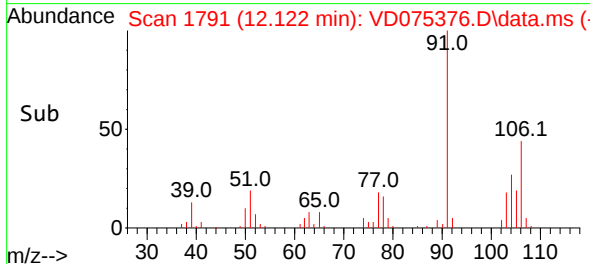
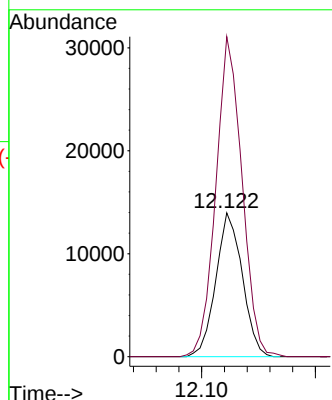
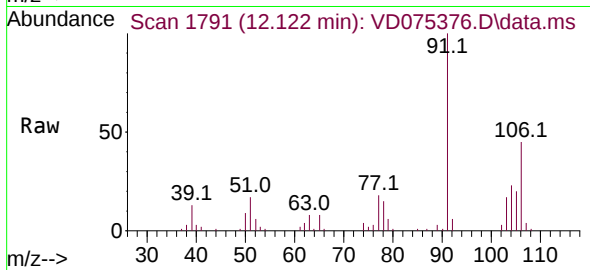
#69
o-Xylene
Concen: 19.054 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 2258
Ion Ratio Lower Upper
106 100
91 220.2 105.7 317.1

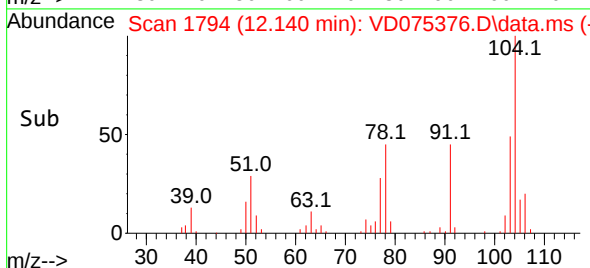
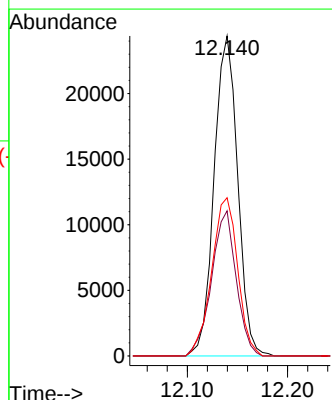
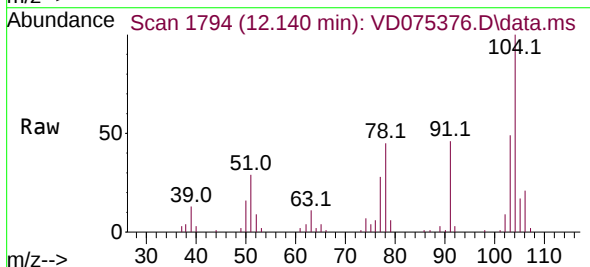
Manual Integrations
APPROVED

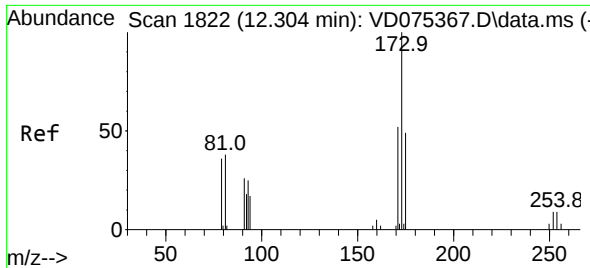
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 19.987 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

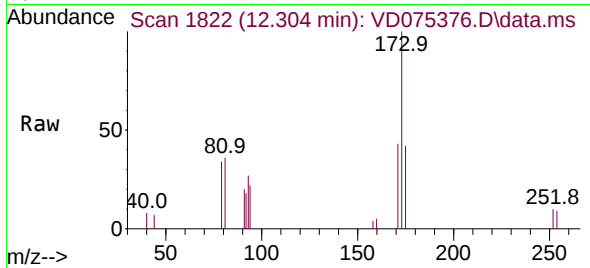
Tgt Ion:104 Resp: 39810
Ion Ratio Lower Upper
104 100
78 47.4 40.2 60.4
103 54.5 44.2 66.2





#71
Bromoform
Concen: 19.965 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

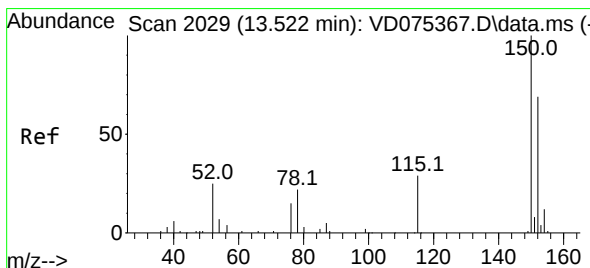
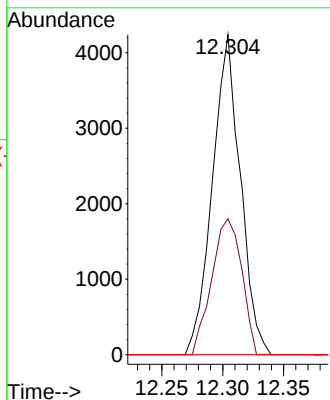
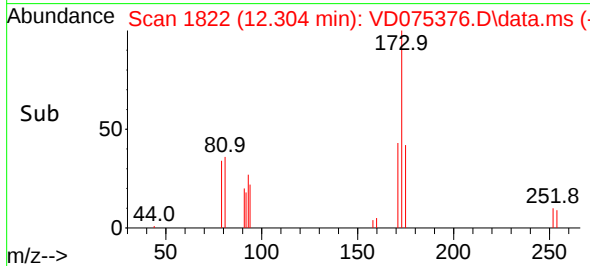
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 6780
Ion Ratio Lower Upper
173 100
175 45.5 23.5 70.5
254 0.0 0.0 0.0

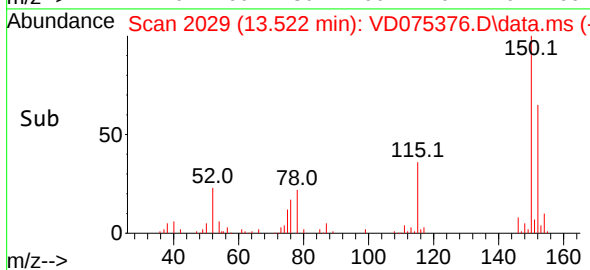
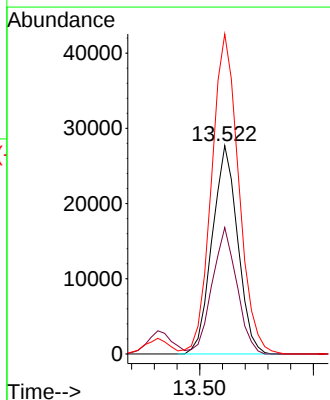
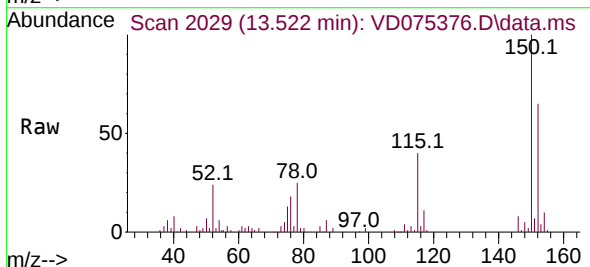
Manual Integrations
APPROVED

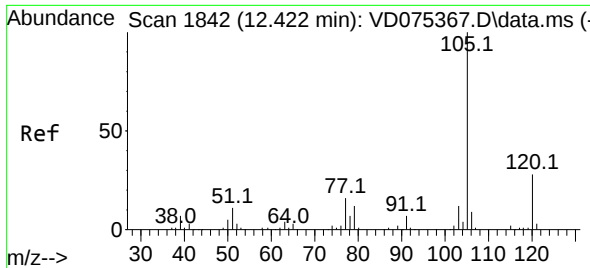
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

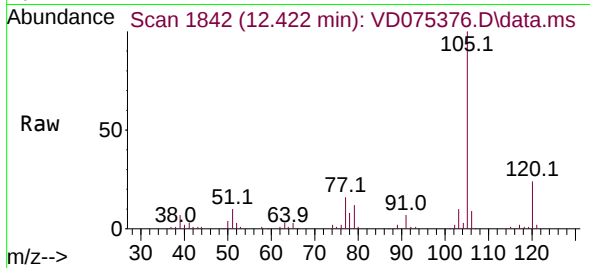
Tgt Ion:152 Resp: 43152
Ion Ratio Lower Upper
152 100
115 59.1 30.1 90.3
150 164.2 0.0 364.8





#73
Isopropylbenzene
Concen: 19.078 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

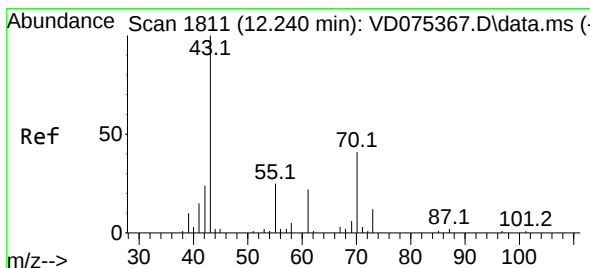
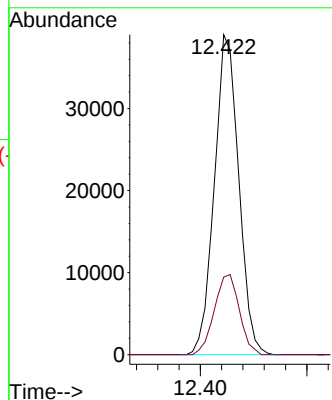
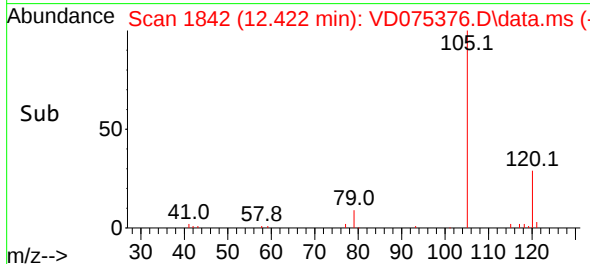
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



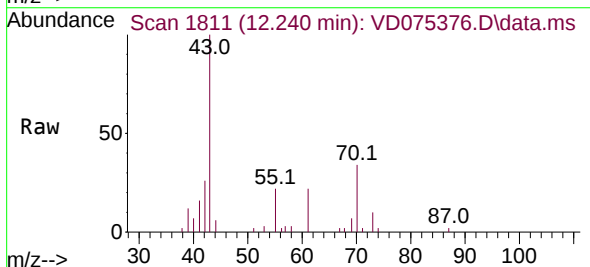
Tgt Ion:105 Resp: 61818
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
APPROVED

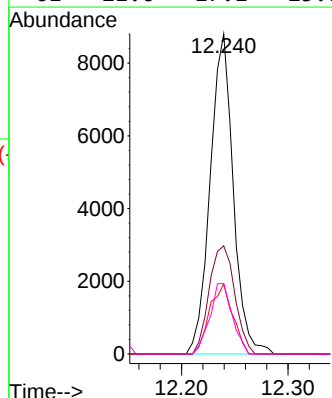
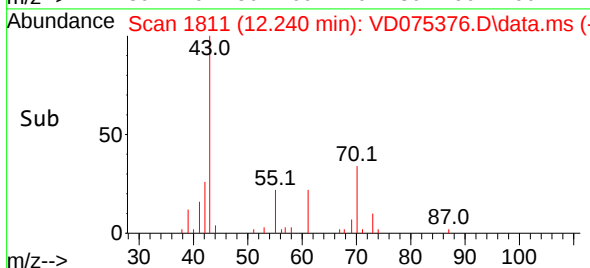
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

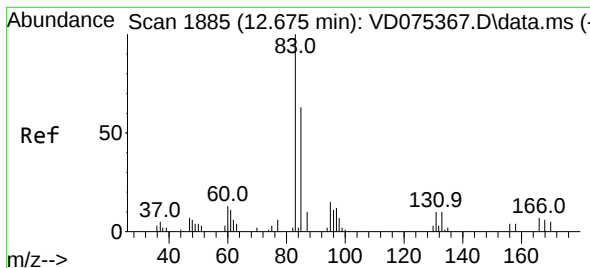


#74
N-ethyl acetate
Concen: 18.882 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05



Tgt Ion: 43 Resp: 13268
Ion Ratio Lower Upper
43 100
70 37.3 31.0 46.4
55 21.8 18.6 28.0
61 21.6 17.1 25.7





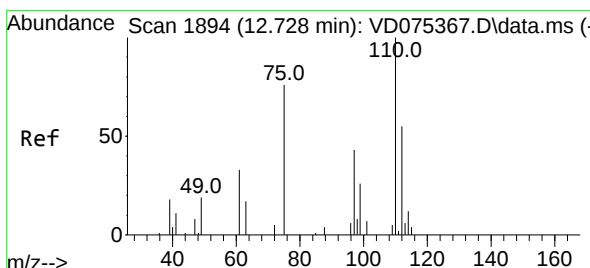
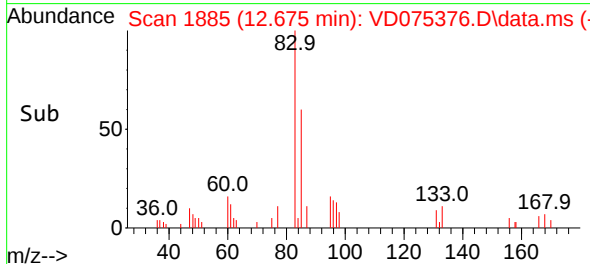
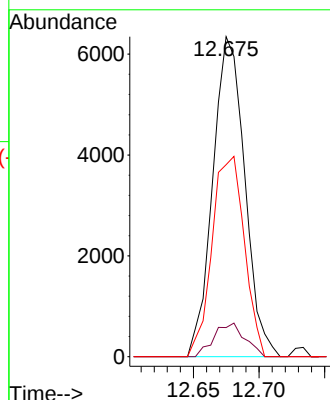
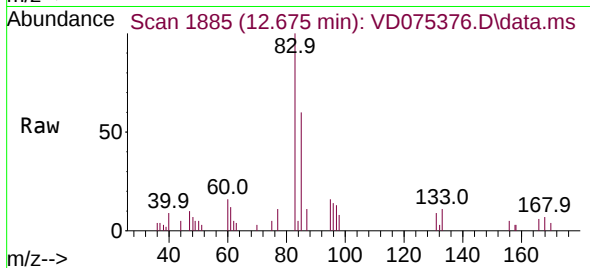
#75
1,1,2,2-Tetrachloroethane
Concen: 19.663 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 10758
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.2
85 63.2 33.6 100.6

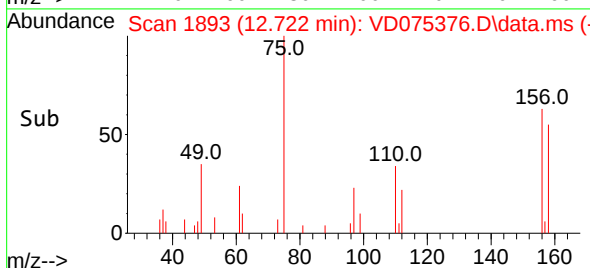
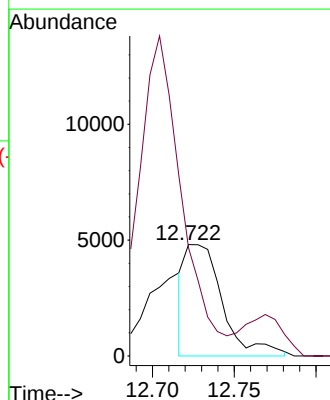
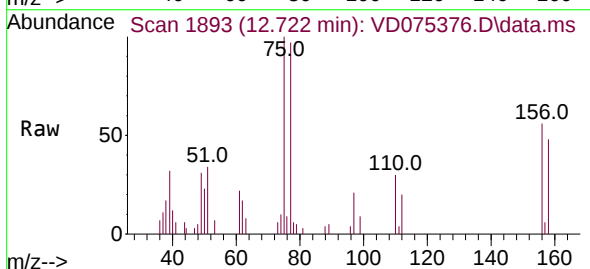
Manual Integrations
APPROVED

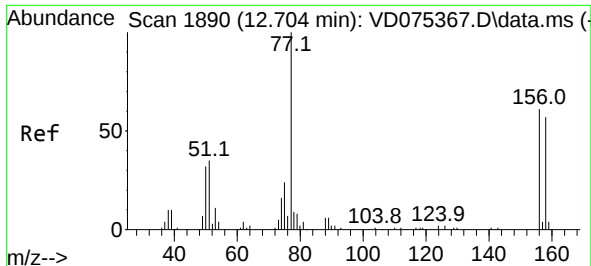
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#76
1,2,3-Trichloropropane
Concen: 19.888 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

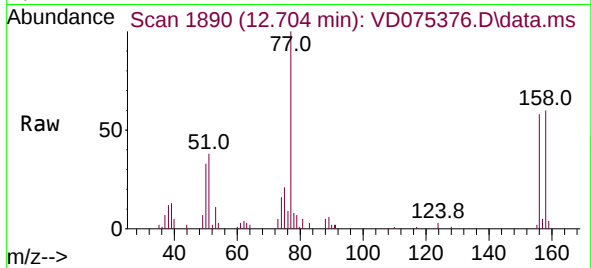
Tgt Ion: 75 Resp: 7632
Ion Ratio Lower Upper
75 100
77 331.2 0.0 0.0#





#77
Bromobenzene
Concen: 19.099 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

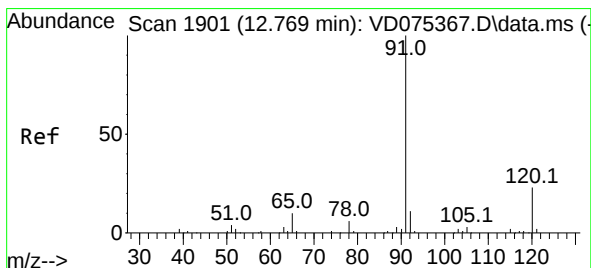
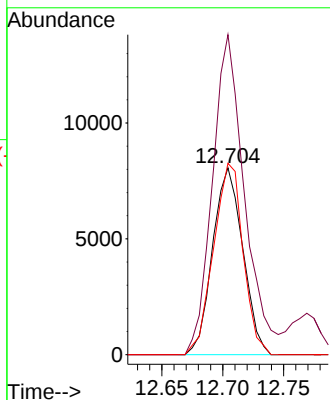
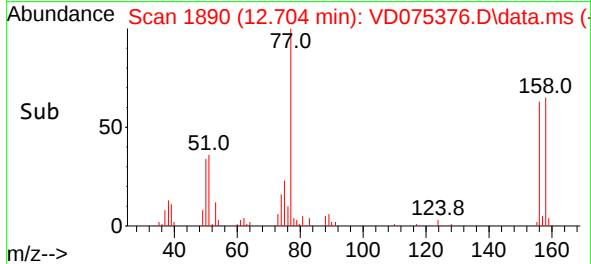
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



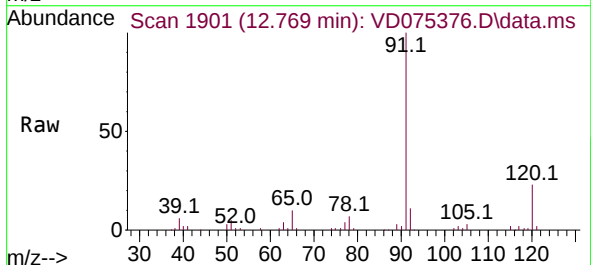
Tgt Ion:156 Resp: 13914
Ion Ratio Lower Upper
156 100
77 181.7 89.5 268.6
158 100.2 47.8 143.4

Manual Integrations
APPROVED

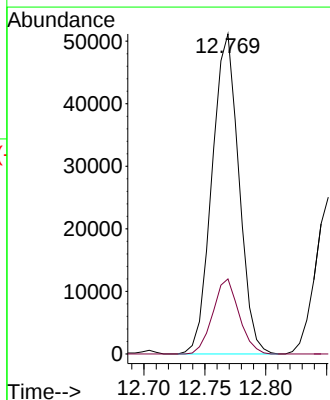
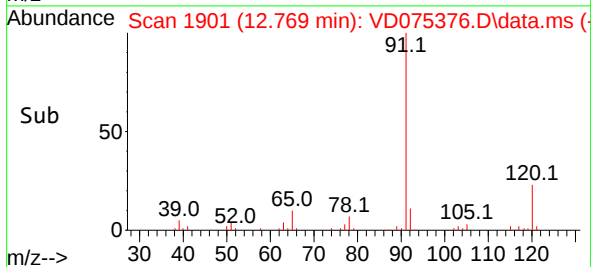
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

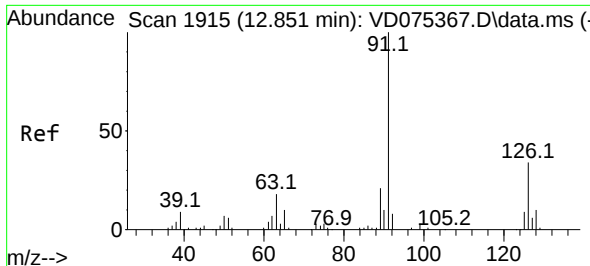


#78
n-propylbenzene
Concen: 19.292 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05



Tgt Ion: 91 Resp: 78678
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.2





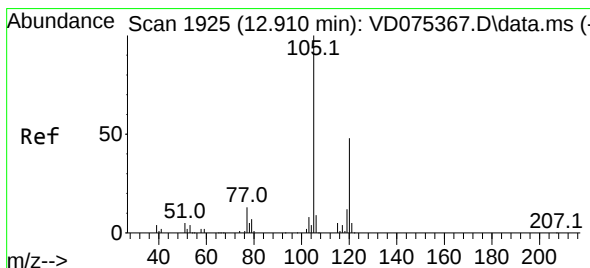
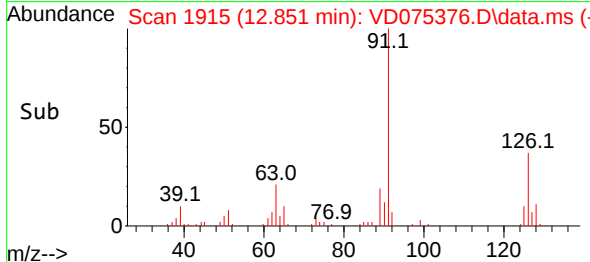
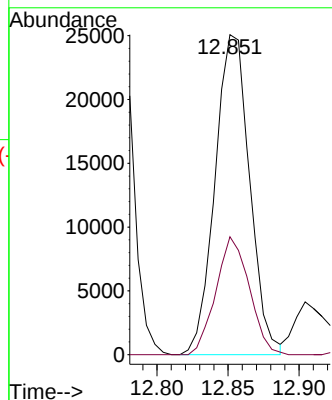
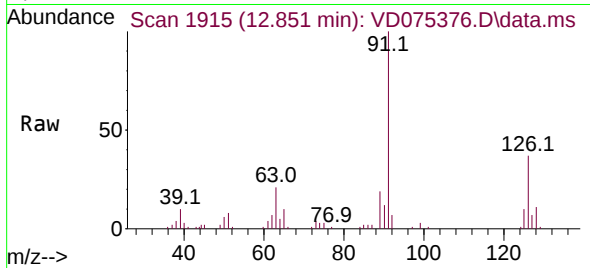
#79
2-Chlorotoluene
Concen: 19.385 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 42560
Ion Ratio Lower Upper
91 100
126 35.5 16.8 50.3

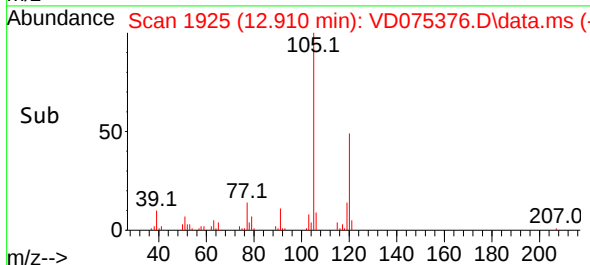
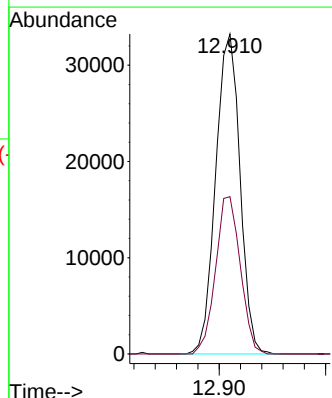
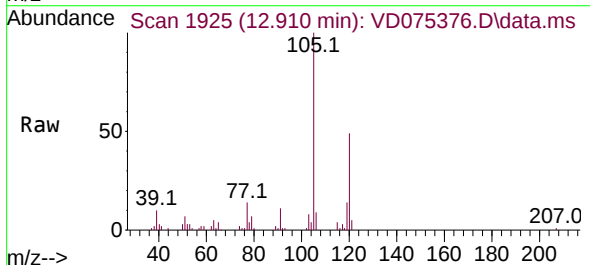
Manual Integrations
APPROVED

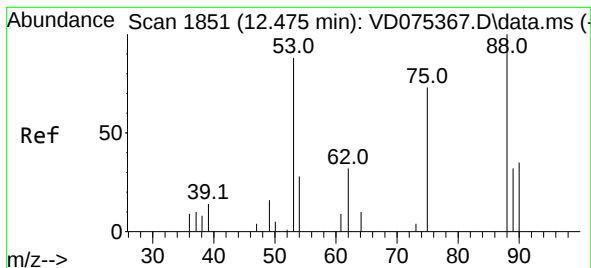
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.383 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:105 Resp: 52541
Ion Ratio Lower Upper
105 100
120 50.1 24.3 72.8





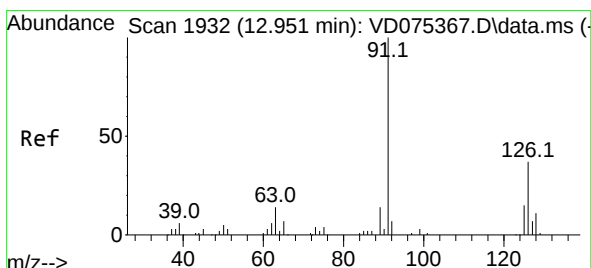
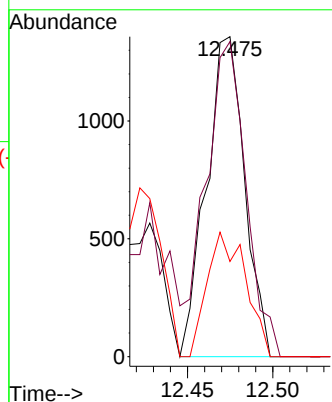
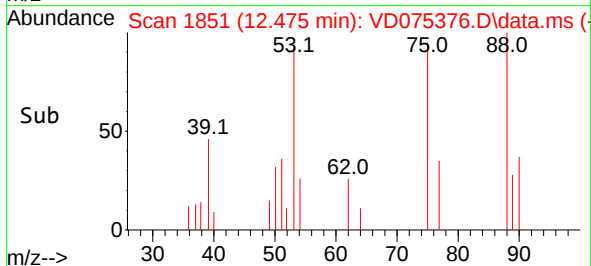
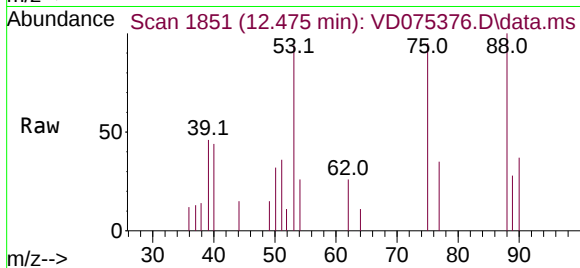
#81
trans-1,4-Dichloro-2-butene
Concen: 19.237 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 211
Ion Ratio Lower Upper
75 100
53 103.6 90.5 135.7
89 39.3 40.2 60.4

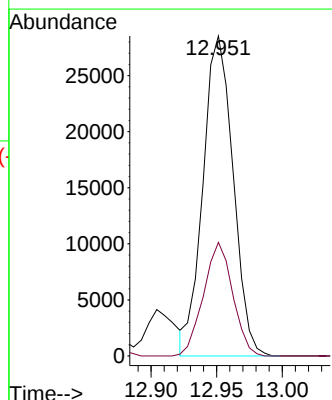
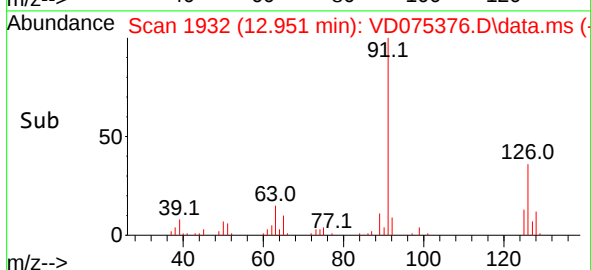
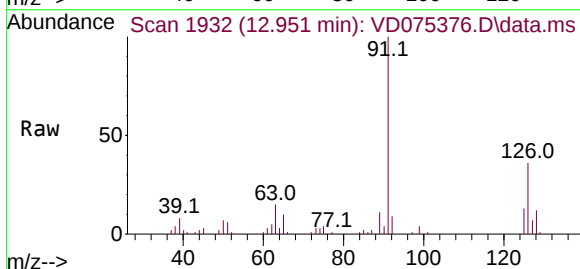
Manual Integrations
APPROVED

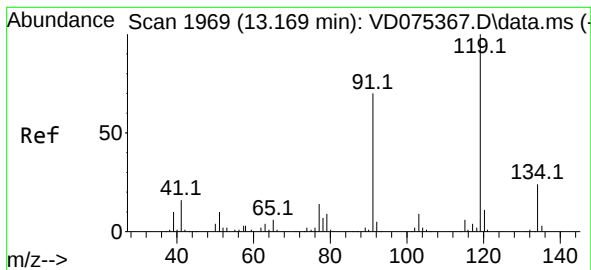
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#82
4-Chlorotoluene
Concen: 19.794 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

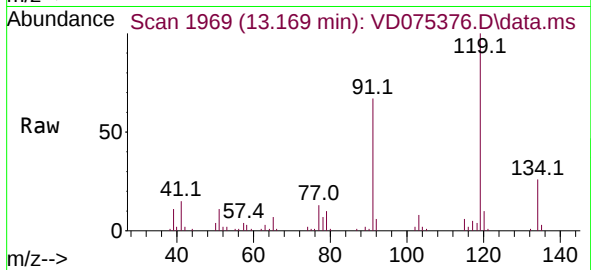
Tgt Ion: 91 Resp: 45681
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83
tert-Butylbenzene
Concen: 19.368 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

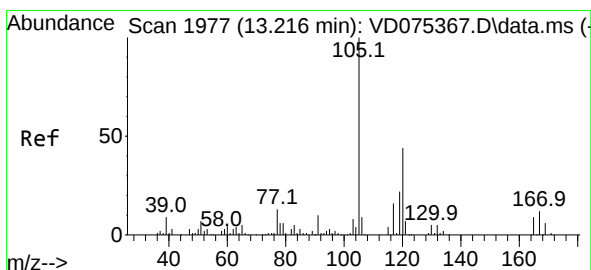
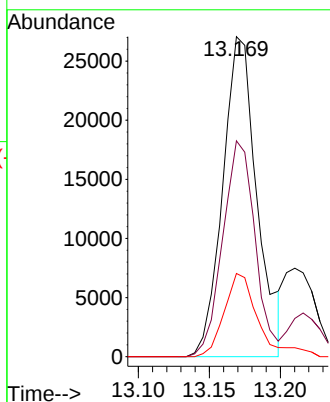
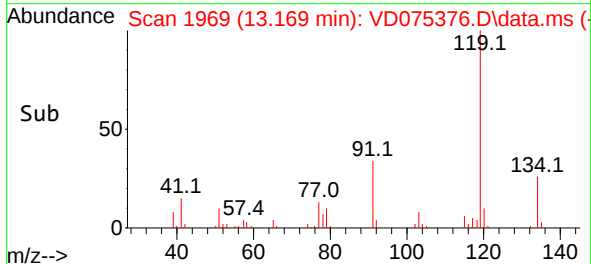
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



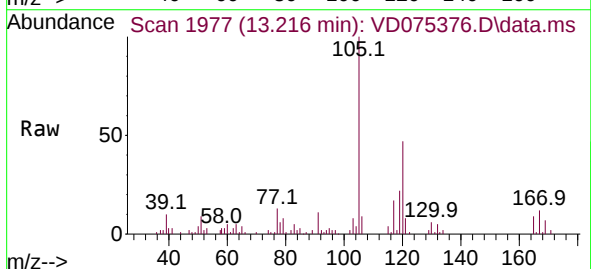
Tgt Ion:119 Resp: 45509
Ion Ratio Lower Upper
119 100
91 63.6 32.4 97.0
134 25.7 13.0 39.0

Manual Integrations
APPROVED

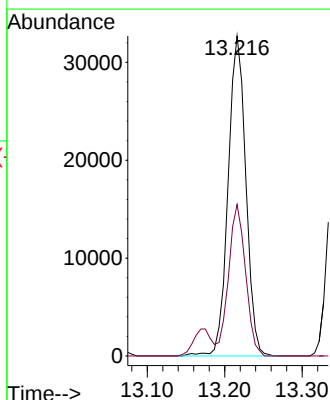
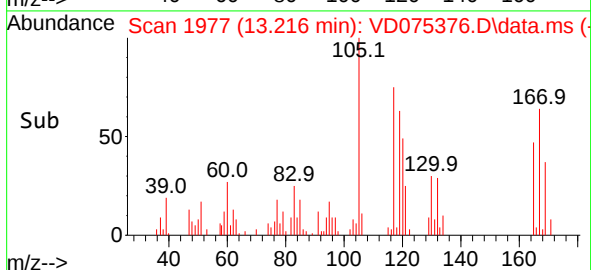
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

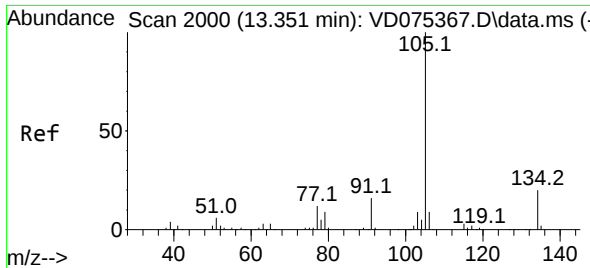


#84
1,2,4-Trimethylbenzene
Concen: 19.496 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05



Tgt Ion:105 Resp: 52137
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.9





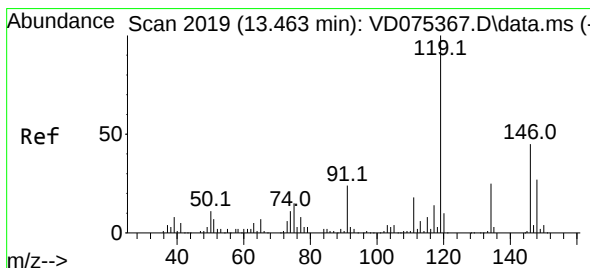
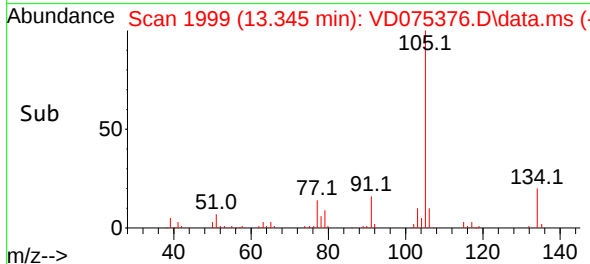
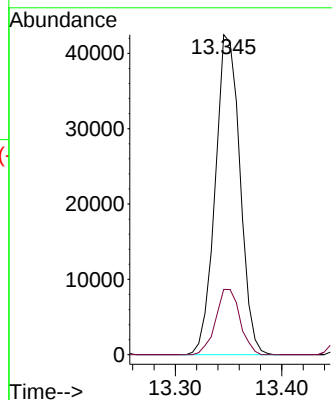
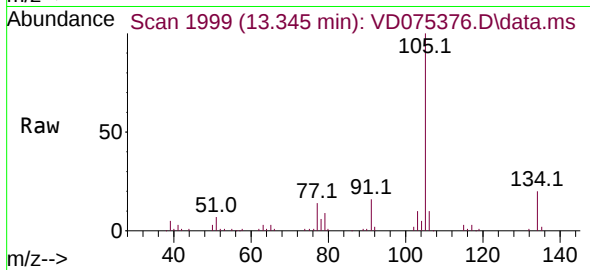
#85
 sec-Butylbenzene
 Concen: 19.136 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075376.D
 Acq: 21 Feb 2023 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 6837
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

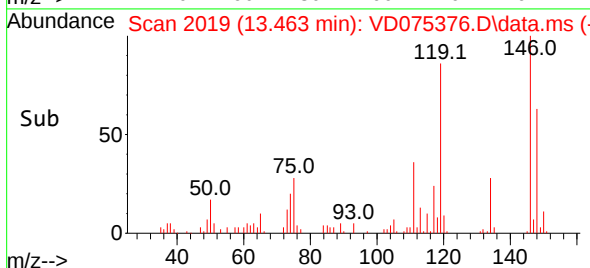
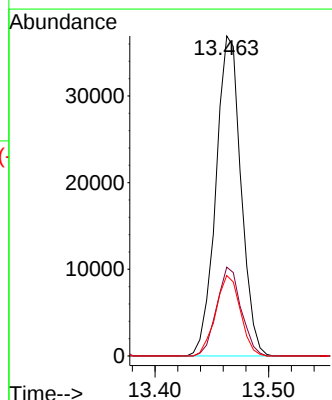
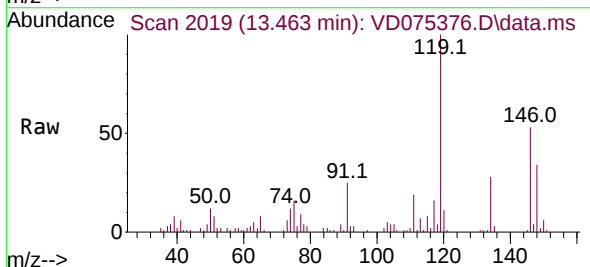
Manual Integrations
 APPROVED

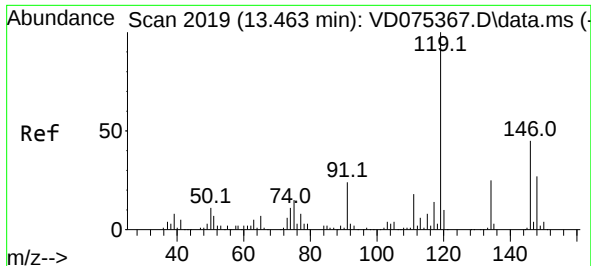
Reviewed By :Krupa Patel 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#86
 p-Isopropyltoluene
 Concen: 19.281 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075376.D
 Acq: 21 Feb 2023 12:05

Tgt Ion:119 Resp: 56687
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 24.7 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 19.257 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

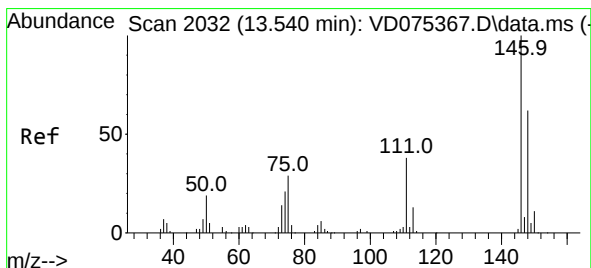
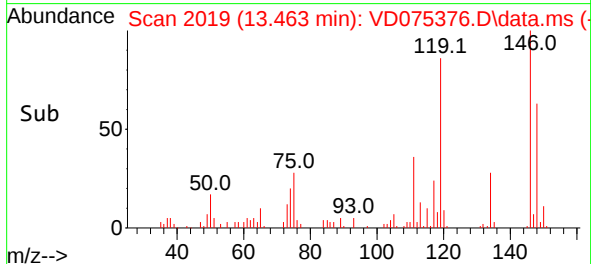
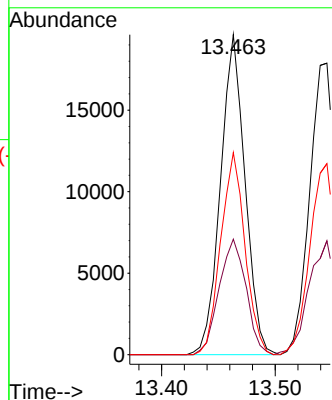
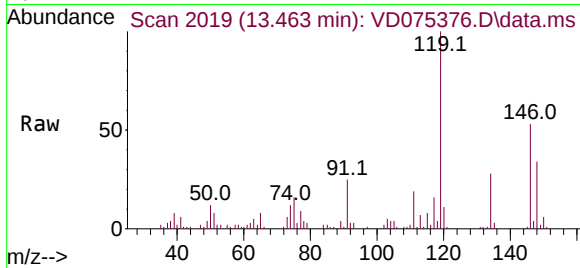
VSTDICC020

Tgt Ion:146 Resp: 29494
Ion Ratio Lower Upper
146 100
111 39.6 19.8 59.3
148 62.7 31.0 93.0

Manual Integrations

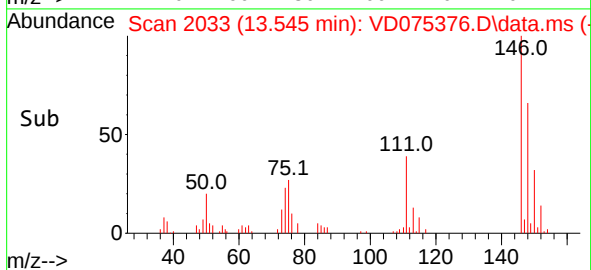
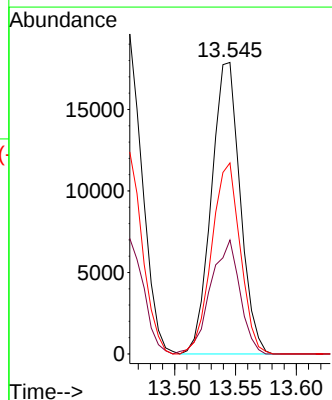
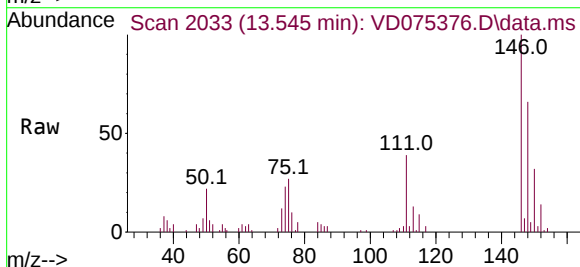
APPROVED

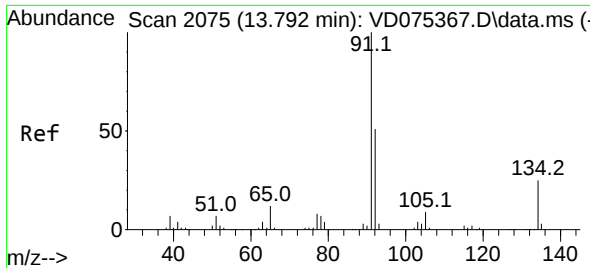
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#88
1,4-Dichlorobenzene
Concen: 19.959 ug/l
RT: 13.545 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:146 Resp: 29420
Ion Ratio Lower Upper
146 100
111 39.8 19.6 58.8
148 65.2 31.7 95.1





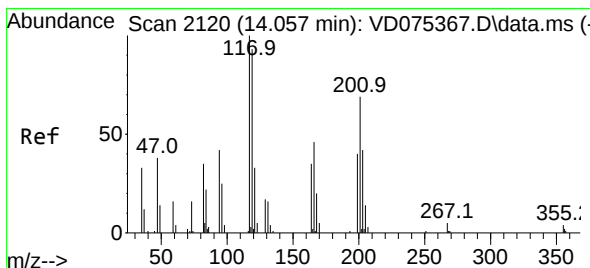
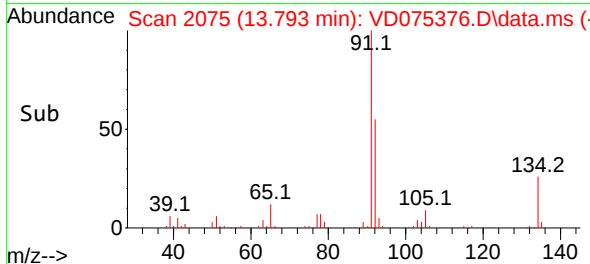
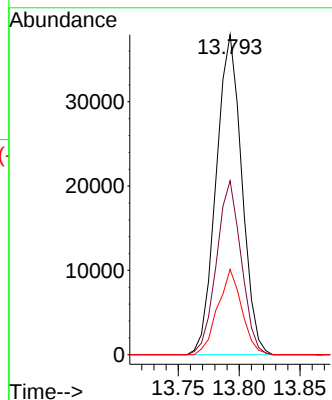
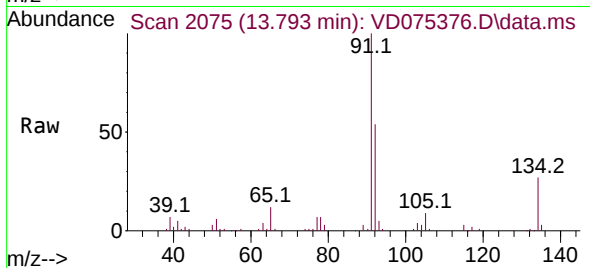
#89
n-Butylbenzene
Concen: 19.555 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 55638
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 25.0 12.7 38.0

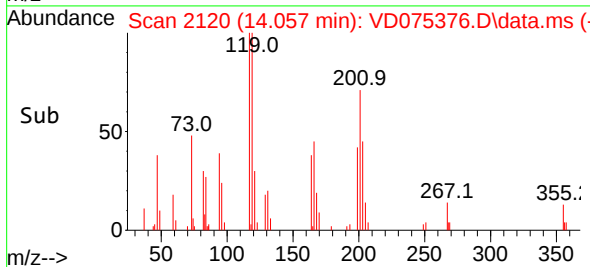
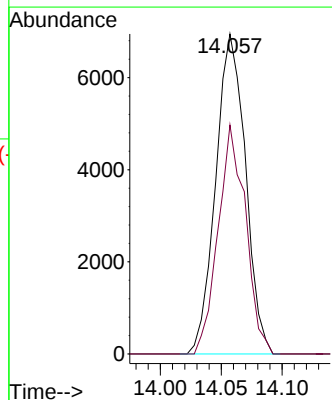
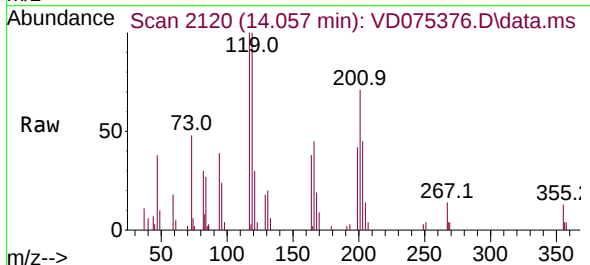
Manual Integrations
APPROVED

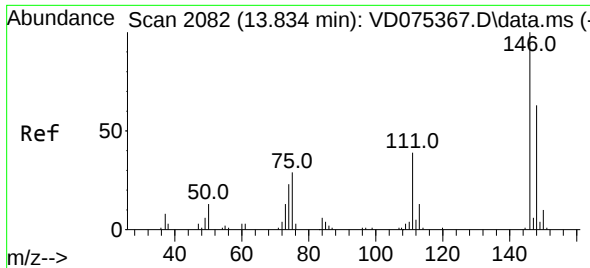
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#90
Hexachloroethane
Concen: 20.226 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

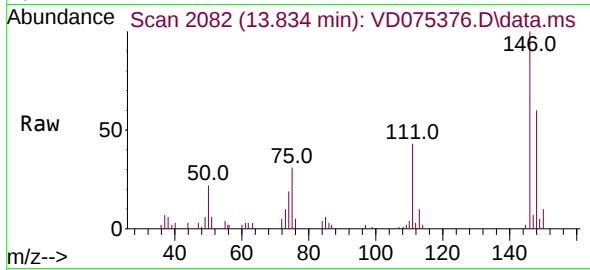
Tgt Ion:117 Resp: 11817
Ion Ratio Lower Upper
117 100
201 66.0 34.5 103.6





#91
1,2-Dichlorobenzene
Concen: 20.068 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

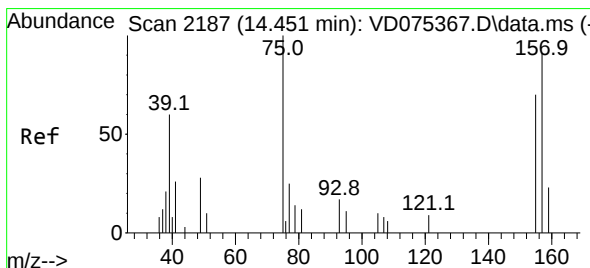
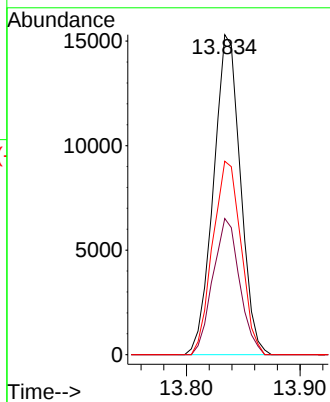
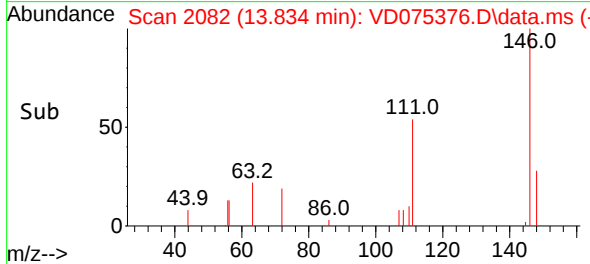
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



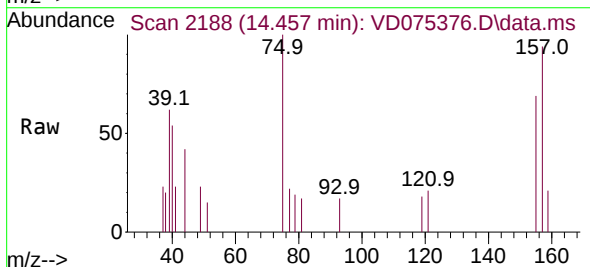
Tgt Ion:146 Resp: 25192
Ion Ratio Lower Upper
146 100
111 42.3 20.6 61.8
148 63.3 32.0 96.2

Manual Integrations
APPROVED

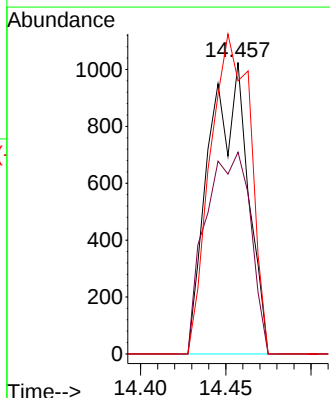
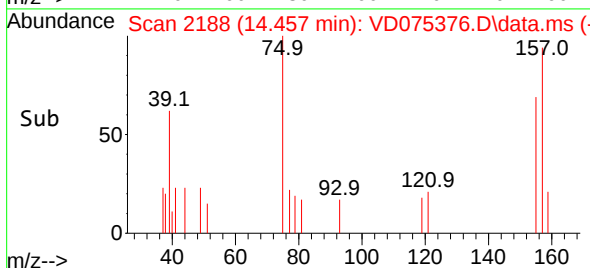
Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

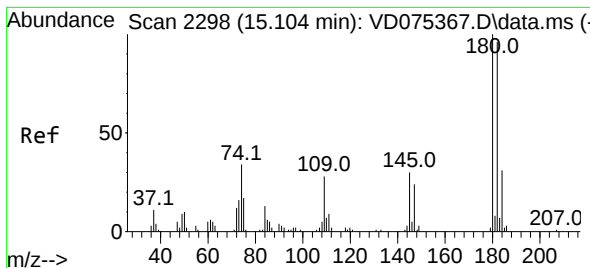


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.869 ug/l
RT: 14.457 min Scan# 2188
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05



Tgt Ion: 75 Resp: 1617
Ion Ratio Lower Upper
75 100
155 80.3 39.5 118.5
157 113.9 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 19.714 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

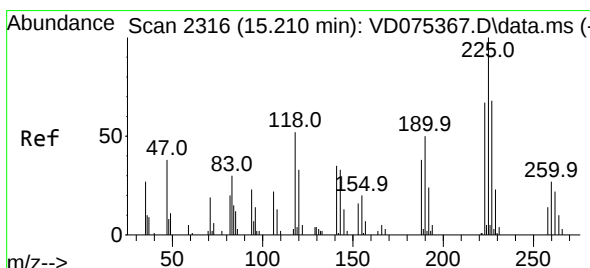
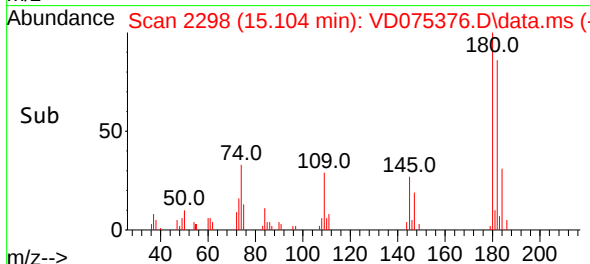
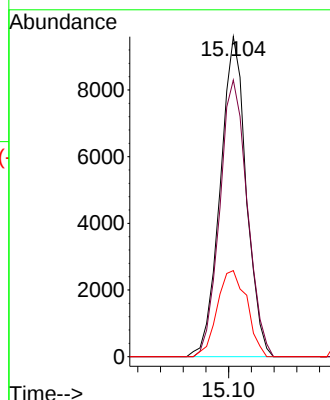
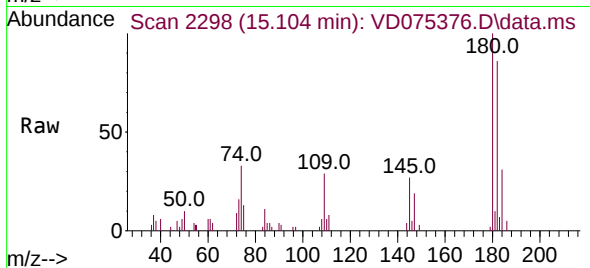
Tgt Ion:180	Resp:	1529
Ion Ratio	Lower	Upper
180	100	
182	91.3	47.9 143.7
145	30.6	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#94

Hexachlorobutadiene

Concen: 20.485 ug/l

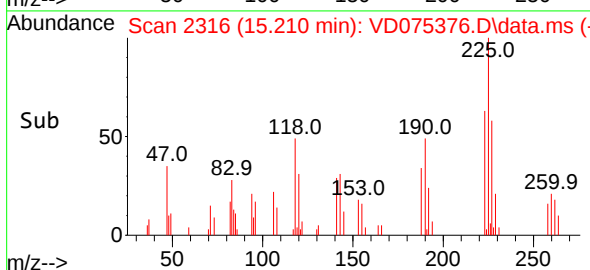
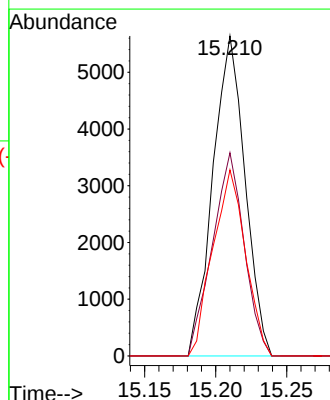
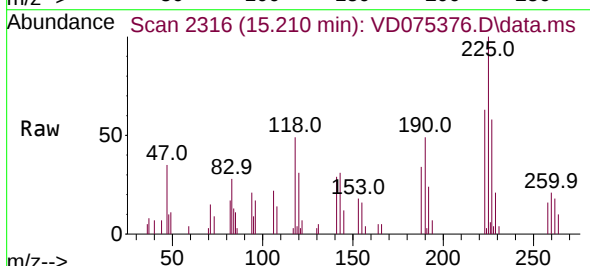
RT: 15.210 min Scan# 2316

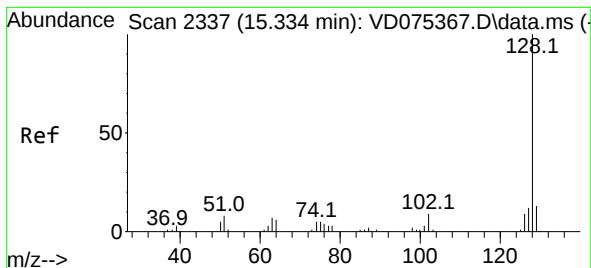
Delta R.T. 0.000 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

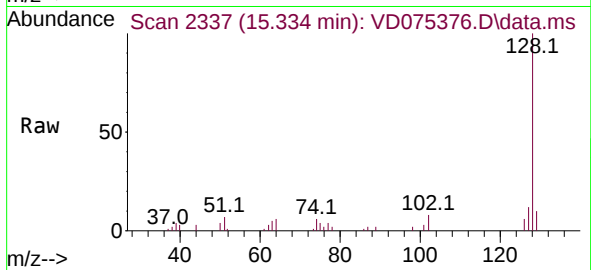
Tgt Ion:225	Resp:	8890
Ion Ratio	Lower	Upper
225	100	
223	62.7	33.1 99.2
227	58.9	31.9 95.9





#95
Naphthalene
Concen: 19.201 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

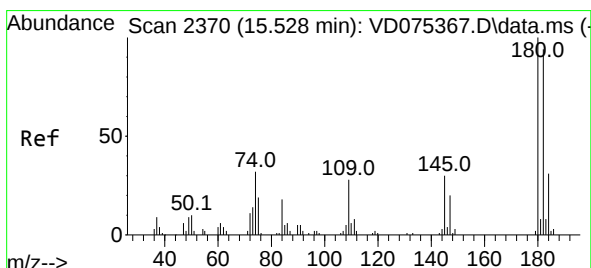
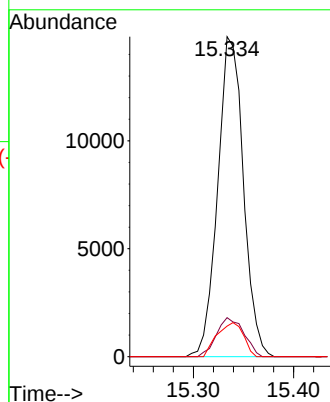
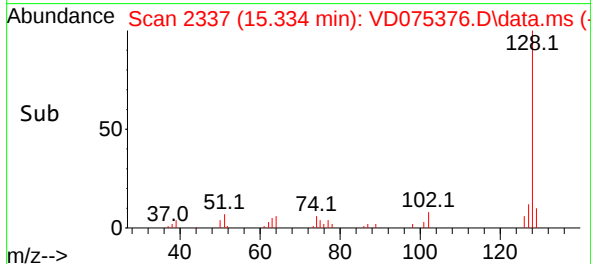


Tgt Ion:128 Resp: 26374

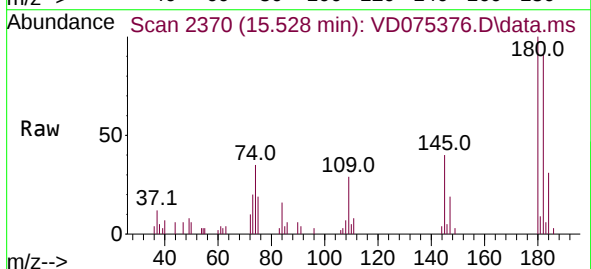
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.958 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05



Tgt Ion:180 Resp: 12578

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.7	143.1
145	36.9	16.4	49.4

