

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076866.D
 Acq On : 28 Jul 2023 20:42
 Operator : KP/SY
 Sample : VSTDCCC0050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 28 23:08:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 07/31/2023
 Supervised By :Mahesh
 Dadoda
 07/31/2023

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	140896	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	260697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123098	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	71214	50.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.500%	
35) Dibromofluoromethane	7.805	113	82425	50.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.620%	
50) Toluene-d8	10.269	98	276619	47.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.400%	
62) 4-Bromofluorobenzene	12.575	95	96401	50.847	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.700%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	48991	44.465	ug/l	98
3) Chloromethane	2.146	50	97691	51.399	ug/l	97
4) Vinyl Chloride	2.275	62	125255	49.438	ug/l	97
5) Bromomethane	2.675	94	88616	42.511	ug/l	98
6) Chloroethane	2.822	64	96456	50.424	ug/l	94
7) Trichlorofluoromethane	3.158	101	106270	47.139	ug/l	98
8) Diethyl Ether	3.587	74	38511	49.616	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.958	101	71741	48.412	ug/l	96
10) Methyl Iodide	4.152	142	77625	46.468	ug/l	92
11) Tert butyl alcohol	5.064	59	26756	255.498	ug/l	100
12) 1,1-Dichloroethene	3.928	96	64589	46.391	ug/l	87
13) Acrolein	3.793	56	17031	238.651	ug/l	100
14) Allyl chloride	4.552	41	86008	47.026	ug/l	90
15) Acrylonitrile	5.252	53	101043	265.050	ug/l	100
16) Acetone	4.022	43	75316	224.720	ug/l #	85
17) Carbon Disulfide	4.258	76	138334	42.541	ug/l	99
18) Methyl Acetate	4.564	43	83672	66.448	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	191921	51.403	ug/l	97
20) Methylene Chloride	4.787	84	108390	55.430	ug/l #	84
21) trans-1,2-Dichloroethene	5.299	96	75227	46.483	ug/l	93
22) Diisopropyl ether	6.216	45	225306	52.022	ug/l #	96
23) Vinyl Acetate	6.152	43	476792m	222.499	ug/l	
24) 1,1-Dichloroethane	6.105	63	151818	51.991	ug/l	96
25) 2-Butanone	7.081	43	118732	264.700	ug/l	90
26) 2,2-Dichloropropane	7.069	77	104788	41.629	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	101113	50.682	ug/l	96
28) Bromochloromethane	7.428	49	35797	49.033	ug/l #	78
29) Tetrahydrofuran	7.446	42	72981	275.377	ug/l	91
30) Chloroform	7.587	83	169408	52.968	ug/l	94
31) Cyclohexane	7.869	56	90048	43.600	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	134439	52.099	ug/l	98
36) 1,1-Dichloropropene	8.005	75	103924	48.546	ug/l	97
37) Ethyl Acetate	7.169	43	50660	52.917	ug/l	97
38) Carbon Tetrachloride	7.987	117	102899	50.200	ug/l	99
39) Methylcyclohexane	9.269	83	110353	44.644	ug/l	92
40) Benzene	8.246	78	327907	48.546	ug/l	98

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Supervised By :Mahesh
 Dadoda
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.393	41	30164	51.596	ug/l	#	89
42) 1,2-Dichloroethane	8.322	62	93378	53.206	ug/l		97
43) Isopropyl Acetate	8.357	43	100016	53.531	ug/l	#	81
44) Trichloroethene	9.028	130	88066	47.846	ug/l		90
45) 1,2-Dichloropropane	9.305	63	90345	51.816	ug/l		98
46) Dibromomethane	9.393	93	54533	53.433	ug/l		90
47) Bromodichloromethane	9.581	83	133179	52.000	ug/l		97
48) Methyl methacrylate	9.375	41	42798	50.329	ug/l	#	85
49) 1,4-Dioxane	9.387	88	14953	1143.553	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.157	43	279726	281.193	ug/l		92
52) Toluene	10.334	92	219087	49.386	ug/l		96
53) t-1,3-Dichloropropene	10.551	75	115878	48.746	ug/l		98
54) cis-1,3-Dichloropropene	10.016	75	135622	48.408	ug/l	#	91
55) 1,1,2-Trichloroethane	10.728	97	80263	53.856	ug/l		93
56) Ethyl methacrylate	10.599	69	90749	52.757	ug/l	#	93
57) 1,3-Dichloropropane	10.875	76	127849	52.677	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	160996	241.800	ug/l		98
59) 2-Hexanone	10.922	43	189396	266.823	ug/l		93
60) Dibromochloromethane	11.069	129	92114	53.205	ug/l		95
61) 1,2-Dibromoethane	11.181	107	73343	53.082	ug/l		98
64) Tetrachloroethene	10.810	164	84253	59.084	ug/l		97
65) Chlorobenzene	11.604	112	241476	48.011	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.681	131	94414	50.420	ug/l		96
67) Ethyl Benzene	11.681	91	421308	47.697	ug/l		95
68) m/p-Xylenes	11.793	106	328325	96.783	ug/l		92
69) o-Xylene	12.122	106	159169	48.520	ug/l		93
70) Styrene	12.134	104	281131	48.955	ug/l		96
71) Bromoform	12.298	173	55959	54.564	ug/l	#	95
73) Isopropylbenzene	12.422	105	412865	46.228	ug/l		96
74) N-amyl acetate	12.234	43	93028	49.444	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.669	83	97463	50.827	ug/l		99
76) 1,2,3-Trichloropropane	12.722	75	58936m	50.345	ug/l		
77) Bromobenzene	12.698	156	100064	48.540	ug/l		88
78) n-propylbenzene	12.763	91	518406	47.880	ug/l		95
79) 2-Chlorotoluene	12.851	91	285704	48.125	ug/l		93
80) 1,3,5-Trimethylbenzene	12.904	105	342323	47.403	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.469	75	24046	43.716	ug/l		94
82) 4-Chlorotoluene	12.945	91	299474	48.287	ug/l		94
83) tert-Butylbenzene	13.163	119	304543	47.895	ug/l		97
84) 1,2,4-Trimethylbenzene	13.210	105	344609	46.697	ug/l		97
85) sec-Butylbenzene	13.345	105	463267	47.687	ug/l		95
86) p-Isopropyltoluene	13.457	119	380184	47.387	ug/l		97
87) 1,3-Dichlorobenzene	13.457	146	201655	47.559	ug/l		97
88) 1,4-Dichlorobenzene	13.534	146	200296	48.215	ug/l		97
89) n-Butylbenzene	13.787	91	372057	47.391	ug/l		97
90) Hexachloroethane	14.051	117	75159	50.671	ug/l		87
91) 1,2-Dichlorobenzene	13.828	146	181497	48.577	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13635	49.870	ug/l		97
93) 1,2,4-Trichlorobenzene	15.098	180	109830	48.150	ug/l		97
94) Hexachlorobutadiene	15.198	225	51696	47.124	ug/l		96
95) Naphthalene	15.328	128	255527	51.737	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	100612	49.152	ug/l		98

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Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Supervised By :Mahesh
Dadoda
07/31/2023

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

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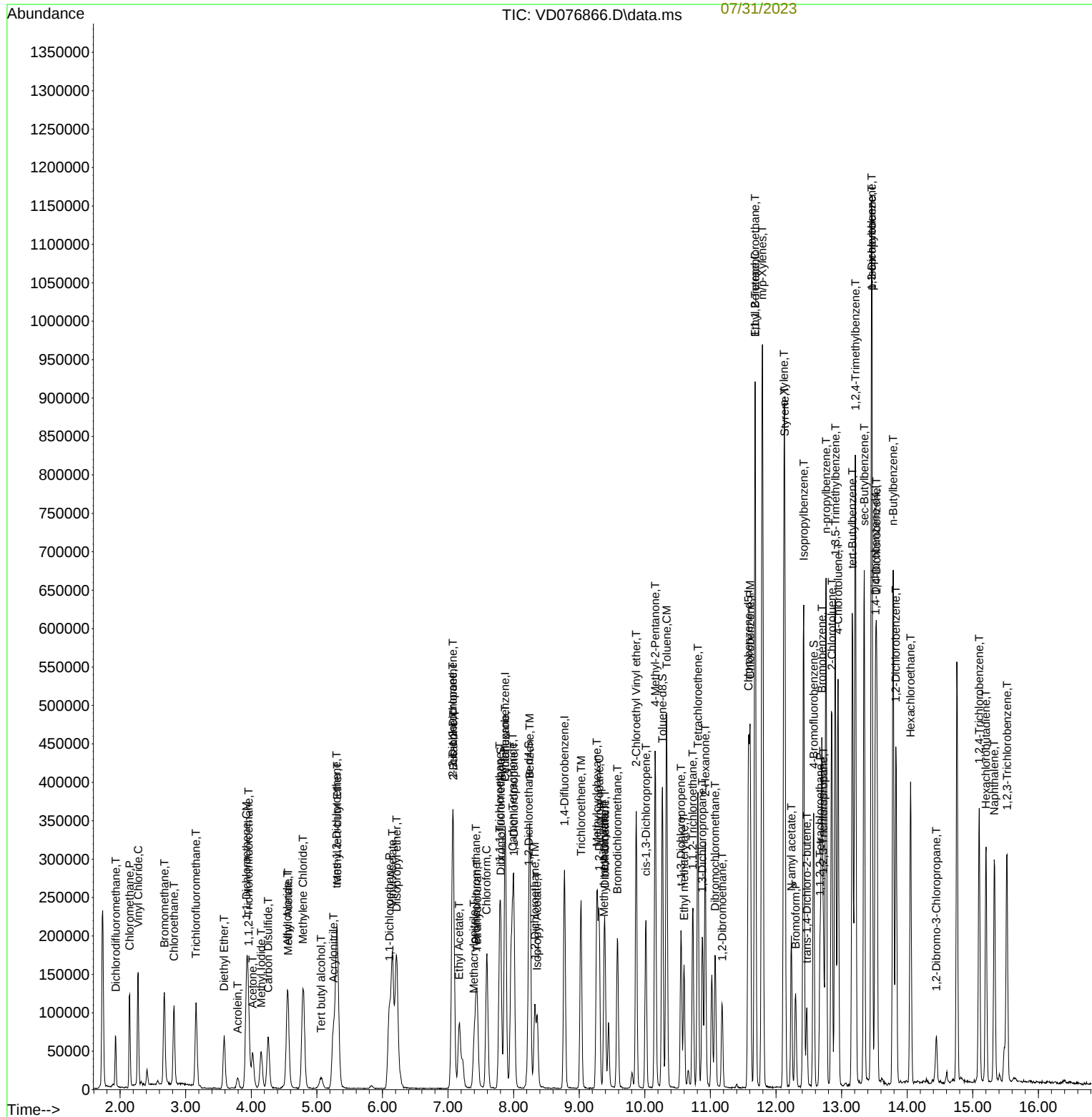
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VSTDCCC050EC

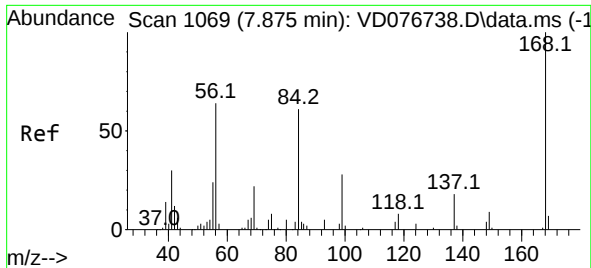
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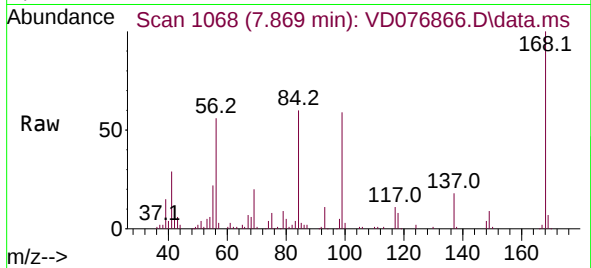
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion:168 Resp: 140890
Ion Ratio Lower Upper
168 100
99 58.4 36.7 55.1

Manual Integrations

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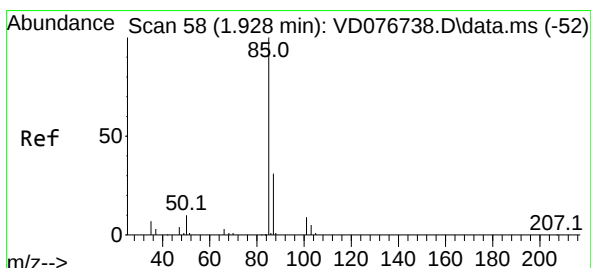
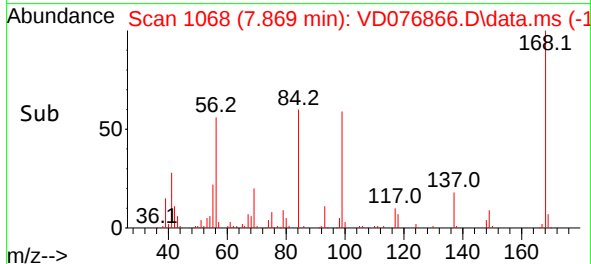
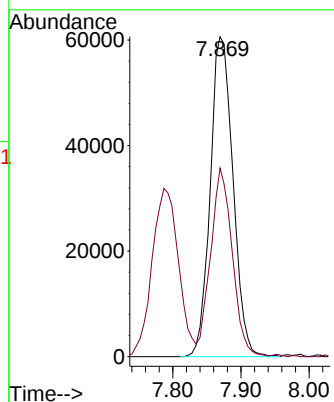
Carlone

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Supervised By :Mahesh

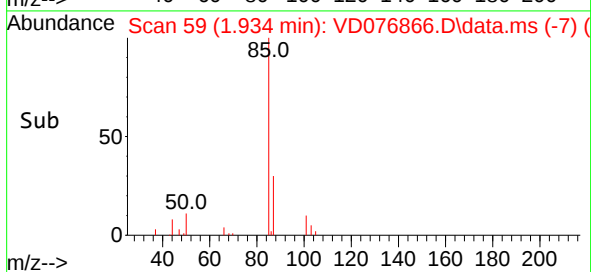
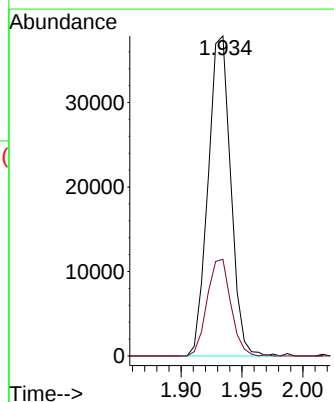
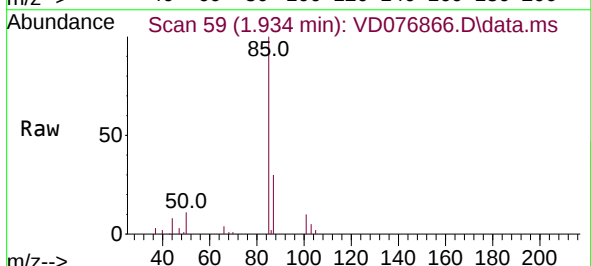
Dadoda

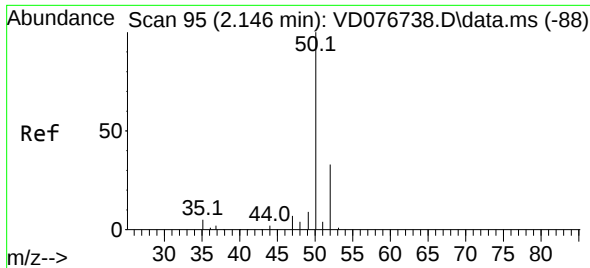
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#2
Dichlorodifluoromethane
Concen: 44.465 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

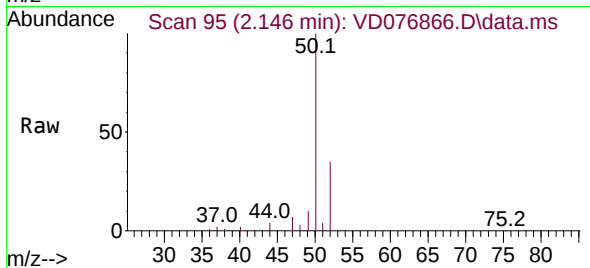
Tgt Ion: 85 Resp: 48991
Ion Ratio Lower Upper
85 100
87 30.2 15.7 47.0





#3
Chloromethane
Concen: 51.399 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

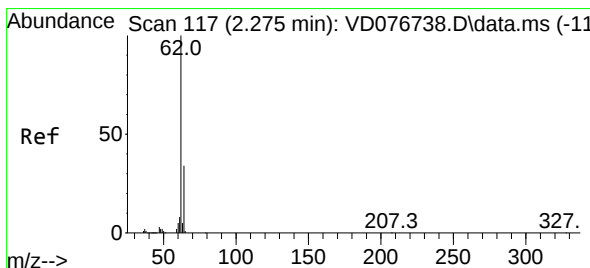
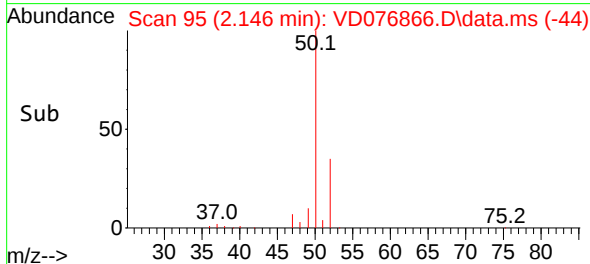
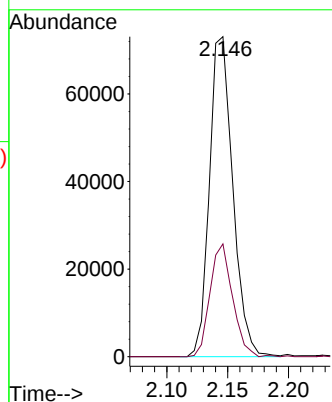


Tgt Ion: 50 Resp: 9769
Ion Ratio Lower Upper
50 100
52 35.3 26.6 40.0

Manual Integrations
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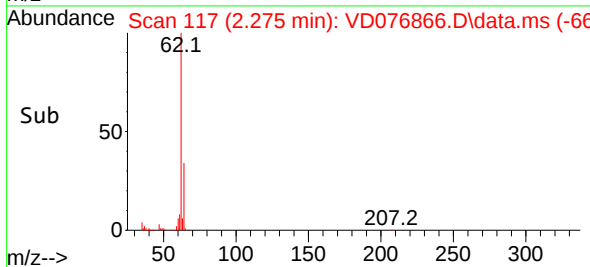
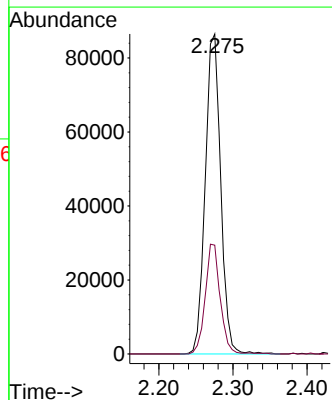
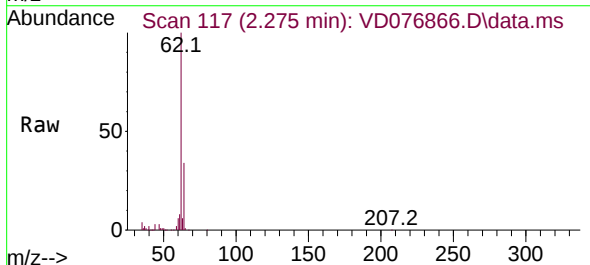
Reviewed By :John
Carlone
07/31/2023

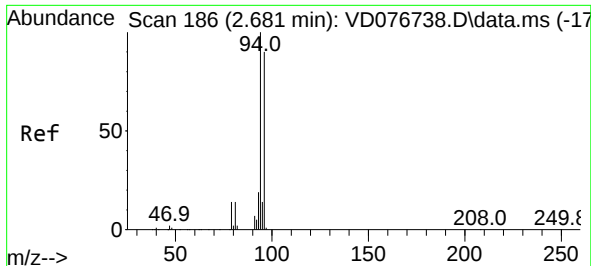
Supervised By :Mahesh
Dadoda
07/31/2023



#4
Vinyl Chloride
Concen: 49.438 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

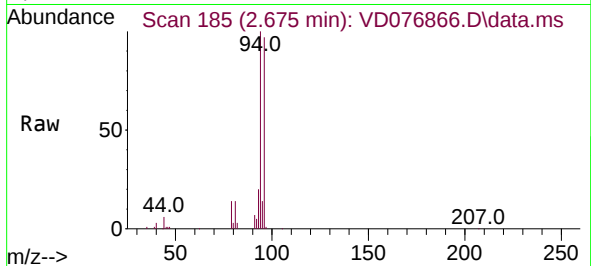
Tgt Ion: 62 Resp: 125255
Ion Ratio Lower Upper
62 100
64 34.0 26.0 39.0





#5
Bromomethane
Concen: 42.511 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

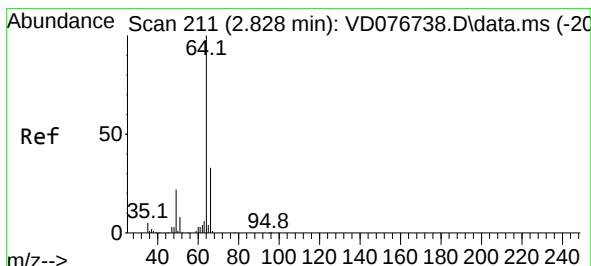
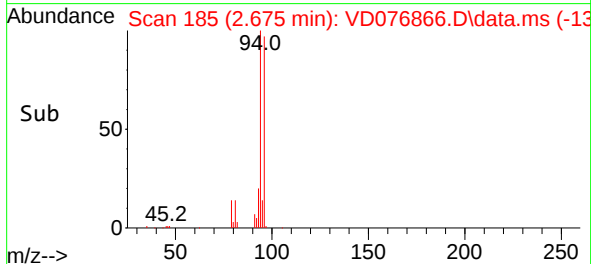
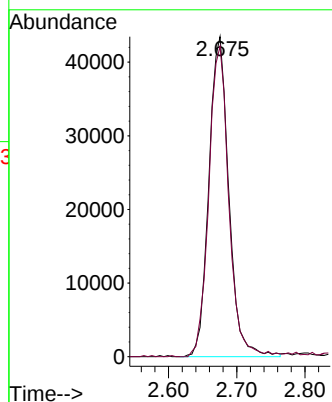
Instrument :
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Tgt Ion: 94 Resp: 88610
Ion Ratio Lower Upper
94 100
96 96.5 75.8 113.8

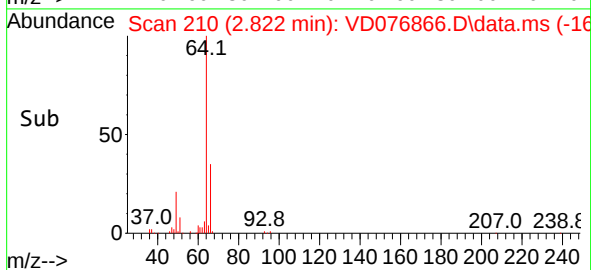
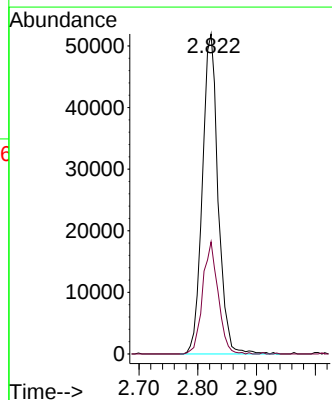
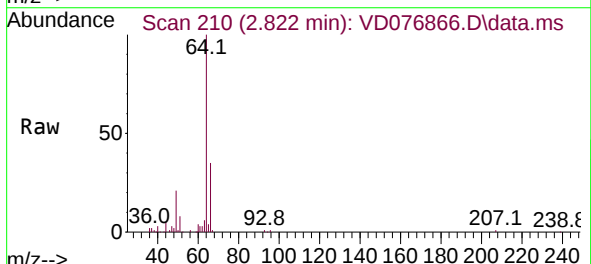
Manual Integrations
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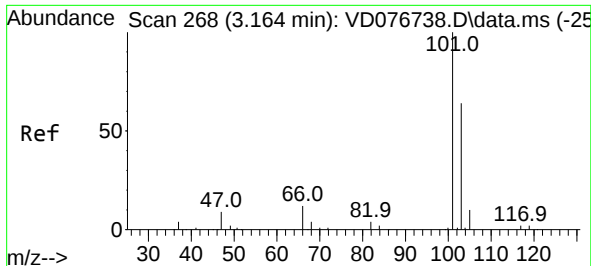
Reviewed By :John
Carlone
07/31/2023
Supervised By :Mahesh
Dadoda
07/31/2023



#6
Chloroethane
Concen: 50.424 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Tgt Ion: 64 Resp: 96456
Ion Ratio Lower Upper
64 100
66 35.0 25.5 38.3





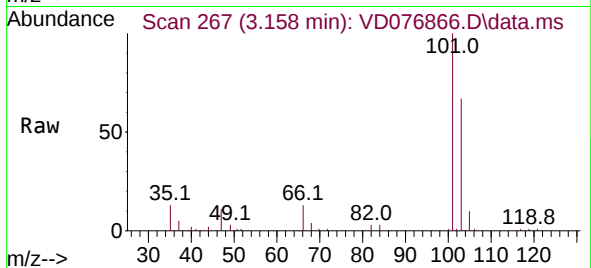
#7
Trichlorofluoromethane
Concen: 47.139 ug/l
RT: 3.158 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion:101 Resp: 106270
Ion Ratio Lower Upper
101 100
103 67.0 52.3 78.5

Manual Integrations

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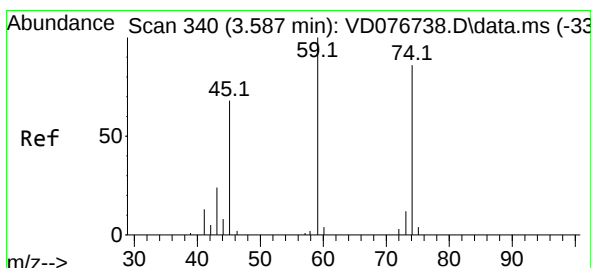
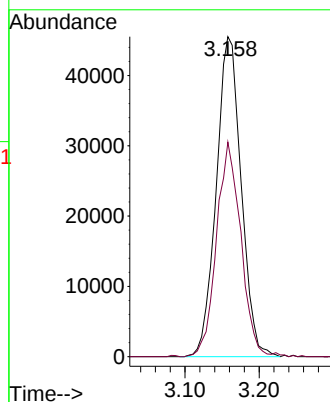
Carlone

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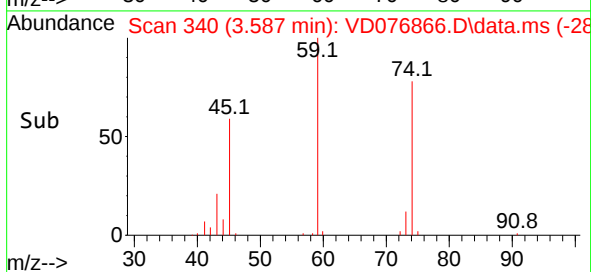
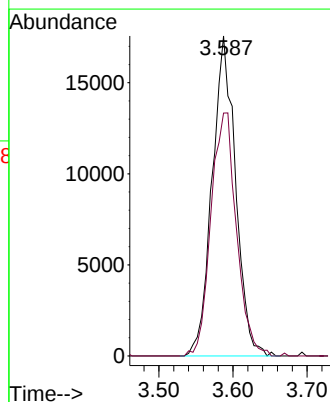
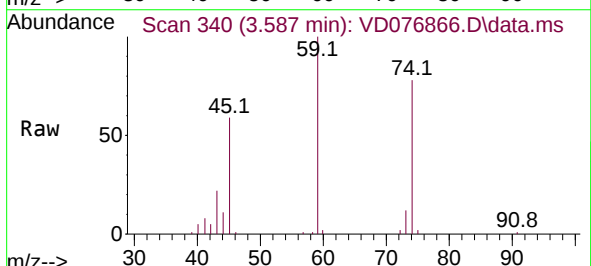
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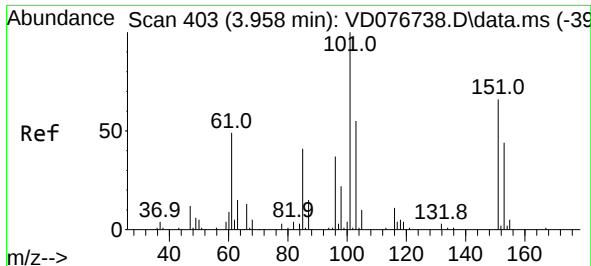
07/31/2023



#8
Diethyl Ether
Concen: 49.616 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Tgt Ion: 74 Resp: 38511
Ion Ratio Lower Upper
74 100
45 82.9 37.5 112.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.412 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

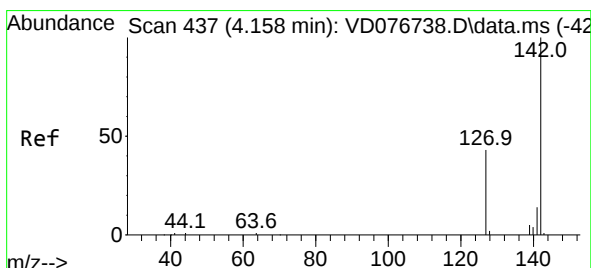
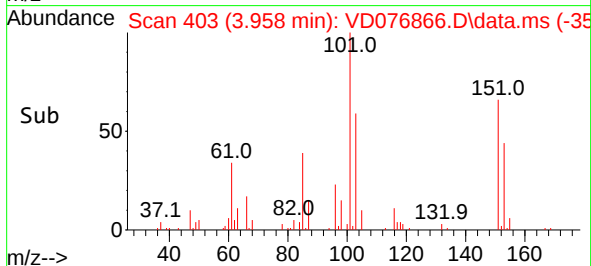
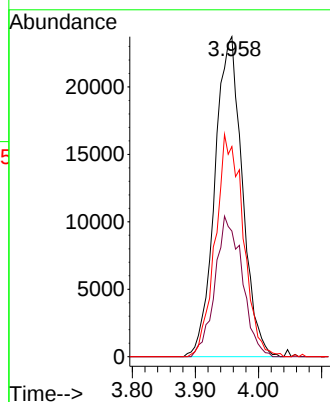
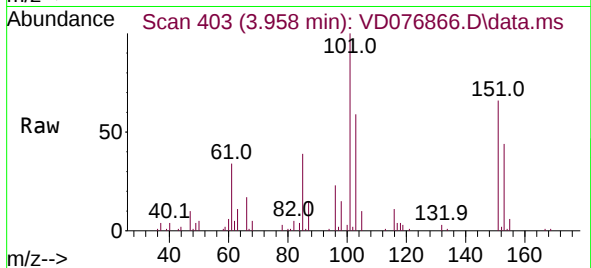
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7174
Ion Ratio Lower Upper
101 100
85 43.3 33.8 50.6
151 70.3 59.8 89.6

Manual Integrations
APPROVED

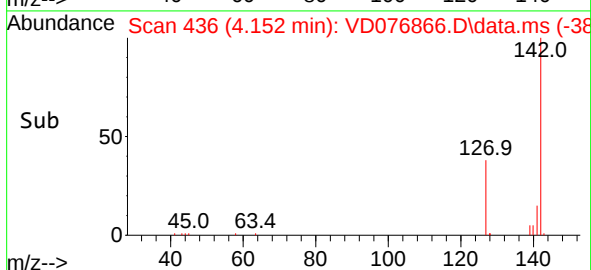
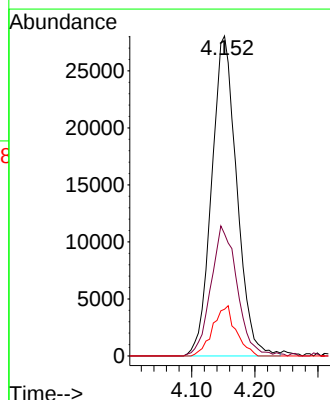
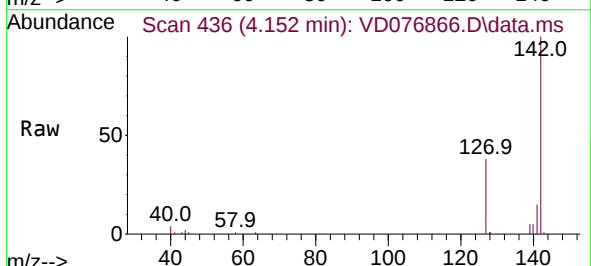
Reviewed By :John
Carlone
07/31/2023

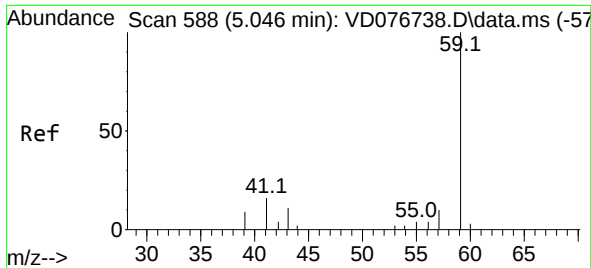
Supervised By :Mahesh
Dadoda
07/31/2023



#10
Methyl Iodide
Concen: 46.468 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

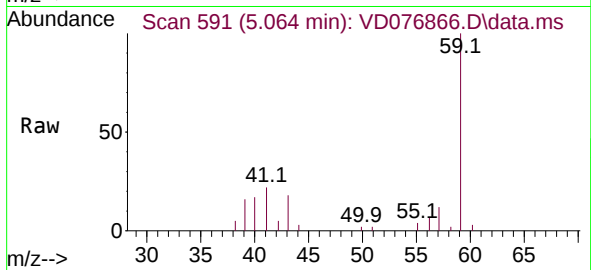
Tgt Ion:142 Resp: 77625
Ion Ratio Lower Upper
142 100
127 42.6 29.4 44.0
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 255.498 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

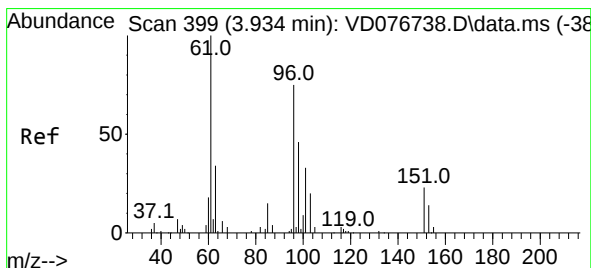
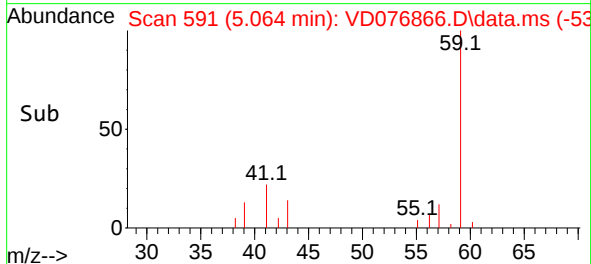
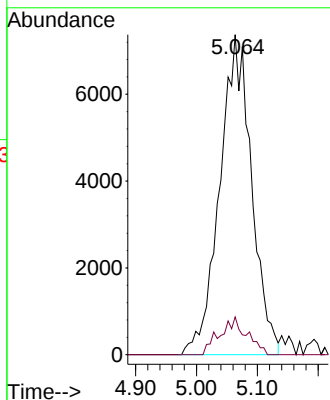


Tgt Ion: 59 Resp: 26750
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8

Manual Integrations
APPROVED

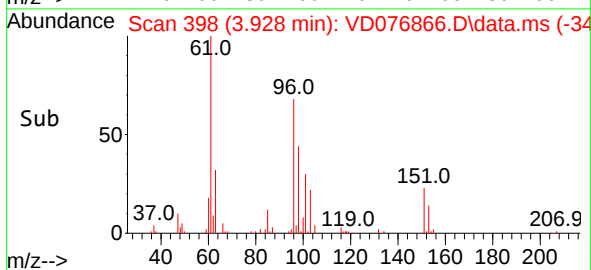
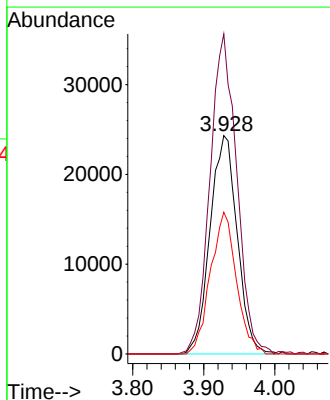
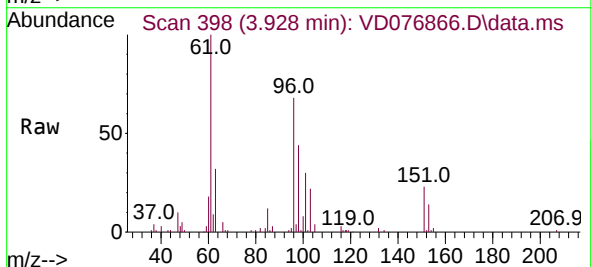
Reviewed By :John
Carlone
07/31/2023

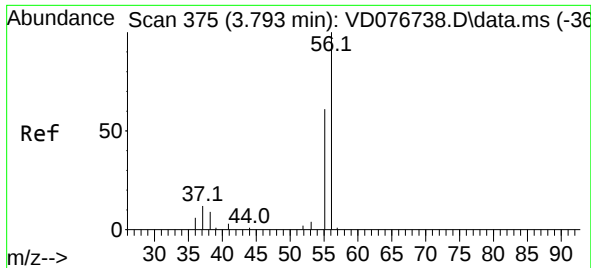
Supervised By :Mahesh
Dadoda
07/31/2023



#12
1,1-Dichloroethene
Concen: 46.391 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

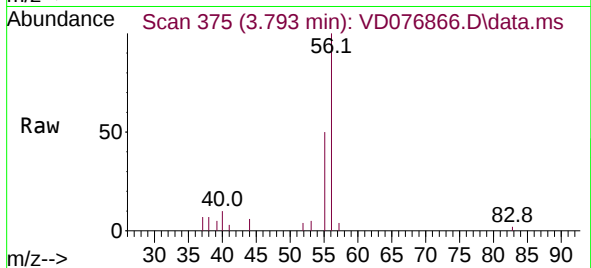
Tgt Ion: 96 Resp: 64589
Ion Ratio Lower Upper
96 100
61 146.5 100.6 150.8
98 64.9 50.2 75.2





#13
Acrolein
Concen: 238.651 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

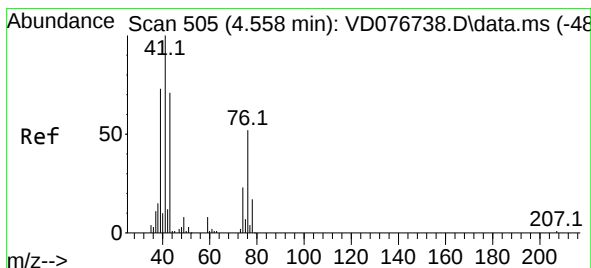
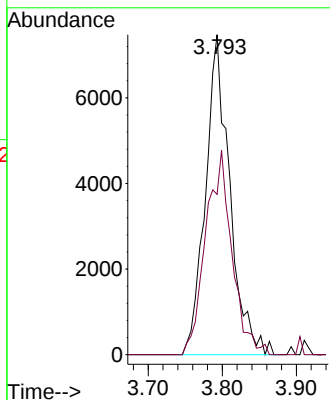


Tgt Ion: 56 Resp: 1703
Ion Ratio Lower Upper
56 100
55 68.9 55.1 82.7

Manual Integrations
APPROVED

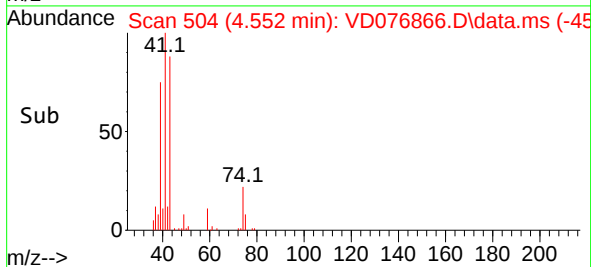
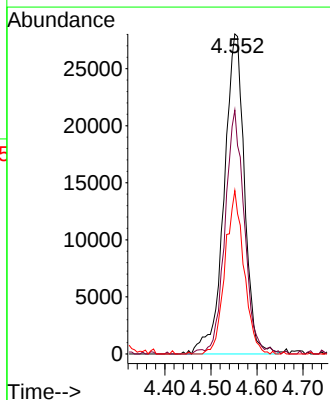
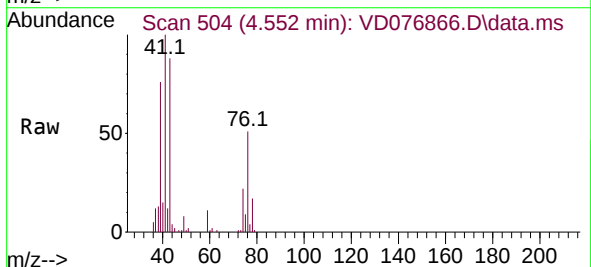
Reviewed By :John
Carlone
07/31/2023

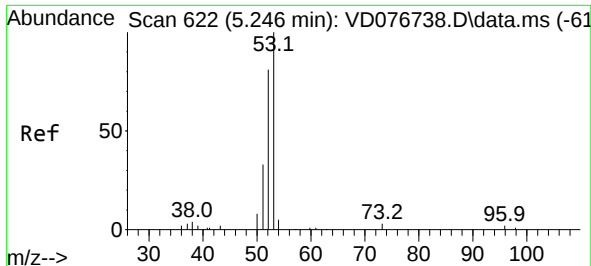
Supervised By :Mahesh
Dadoda
07/31/2023



#14
Allyl chloride
Concen: 47.026 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

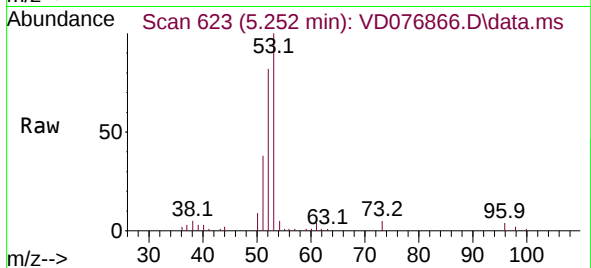
Tgt Ion: 41 Resp: 86008
Ion Ratio Lower Upper
41 100
39 72.6 53.8 80.6
76 47.2 45.8 68.8





#15
Acrylonitrile
Concen: 265.050 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

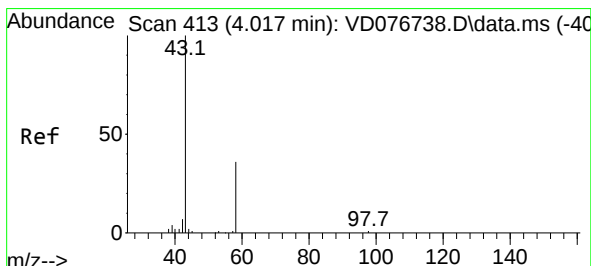
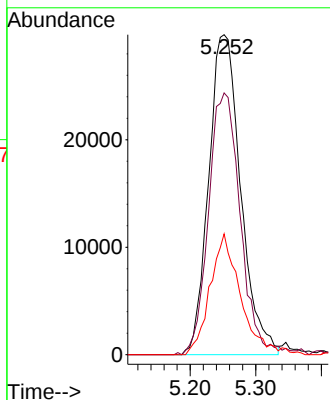
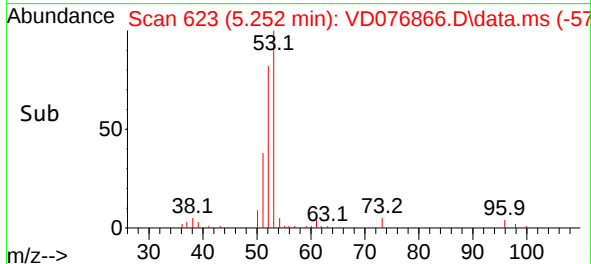


Tgt Ion: 53 Resp: 10104
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.4
51 36.1 28.3 42.5

Manual Integrations
APPROVED

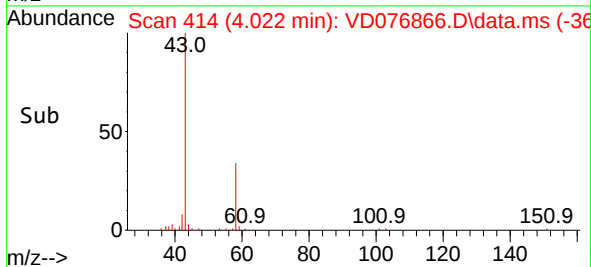
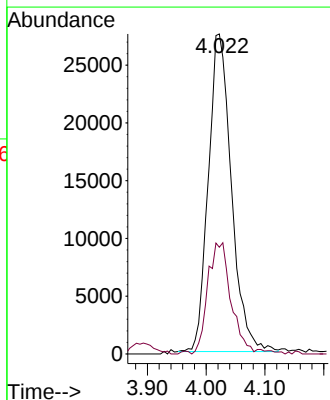
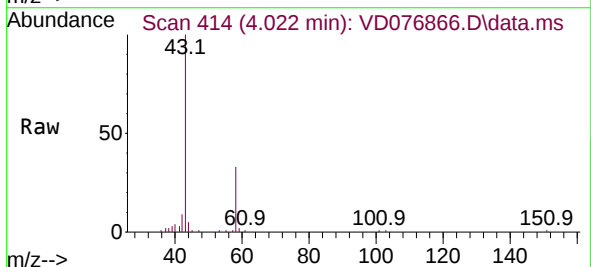
Reviewed By :John
Carlone
07/31/2023

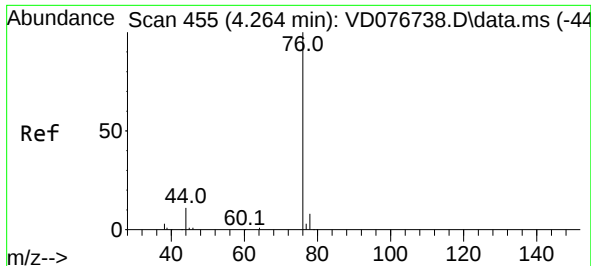
Supervised By :Mahesh
Dadoda
07/31/2023



#16
Acetone
Concen: 224.720 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

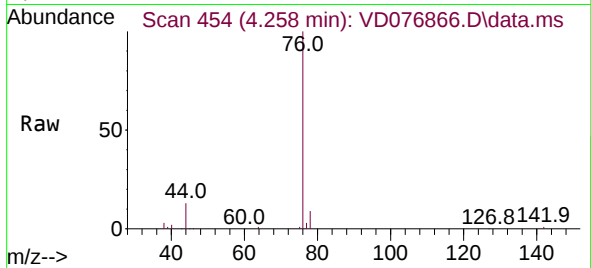
Tgt Ion: 43 Resp: 75316
Ion Ratio Lower Upper
43 100
58 33.6 34.7 52.1#





#17
Carbon Disulfide
Concen: 42.541 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

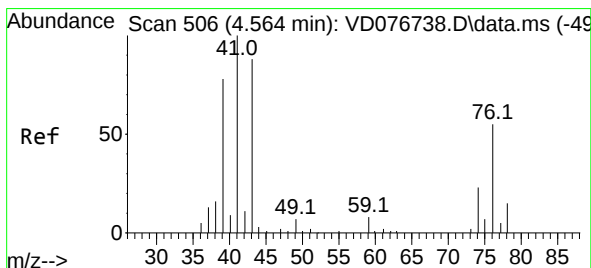
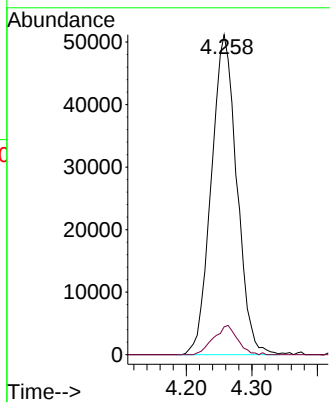
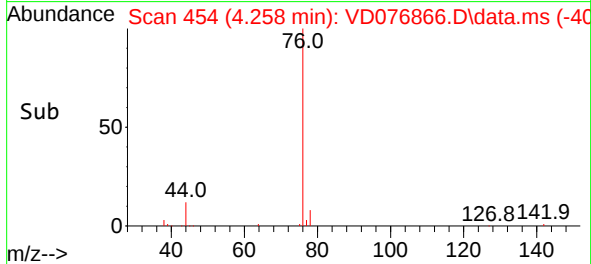
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 138334
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2

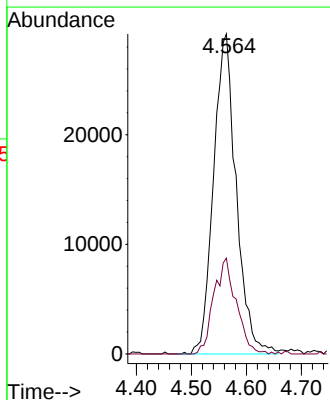
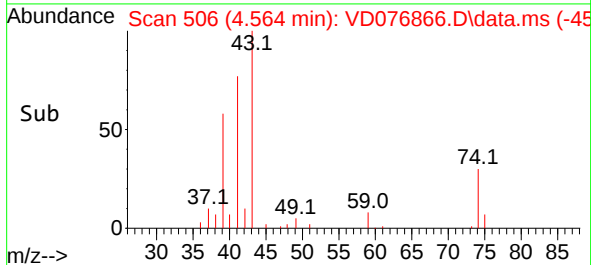
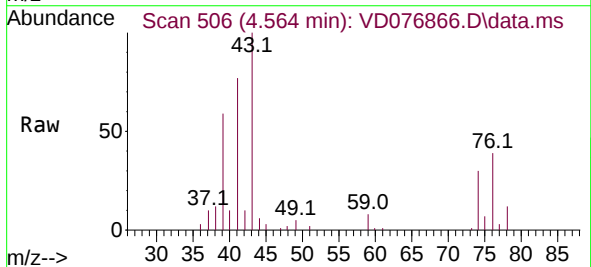
Manual Integrations
APPROVED

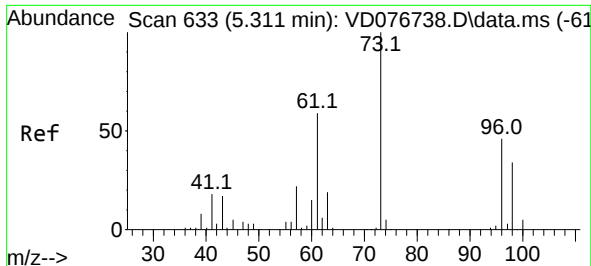
Reviewed By :John
Carlone
07/31/2023
Supervised By :Mahesh
Dadoda
07/31/2023



#18
Methyl Acetate
Concen: 66.448 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

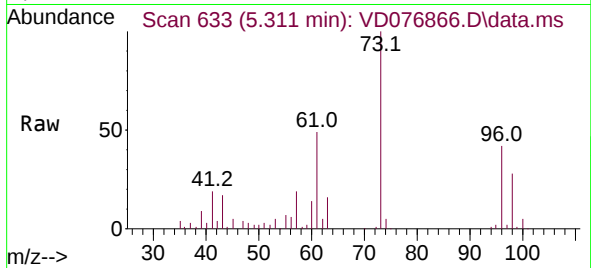
Tgt Ion: 43 Resp: 83672
Ion Ratio Lower Upper
43 100
74 29.6 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 51.403 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

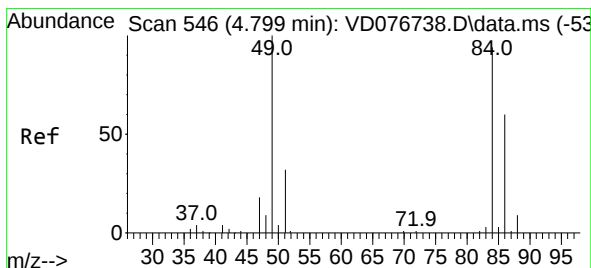
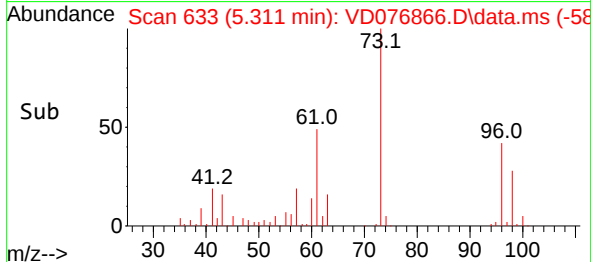
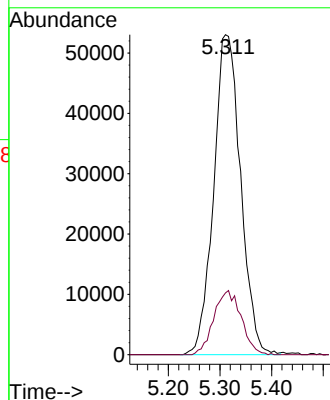


Tgt Ion: 73 Resp: 19192
Ion Ratio Lower Upper
73 100
57 19.3 16.6 25.0

Manual Integrations
APPROVED

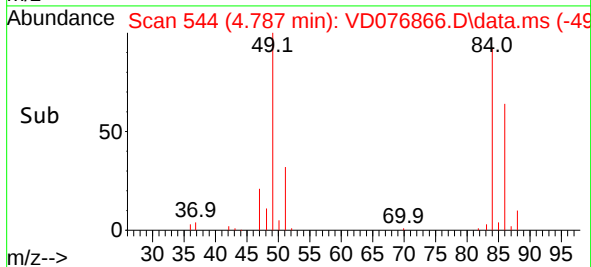
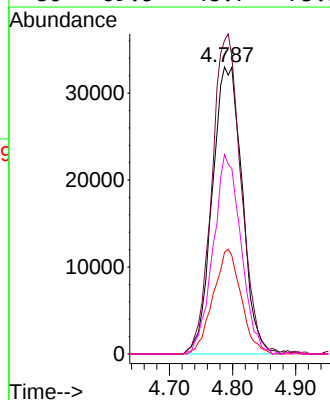
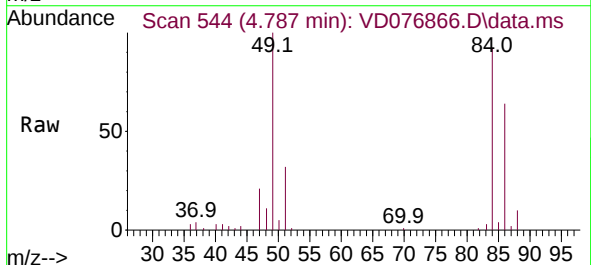
Reviewed By :John
Carlone
07/31/2023

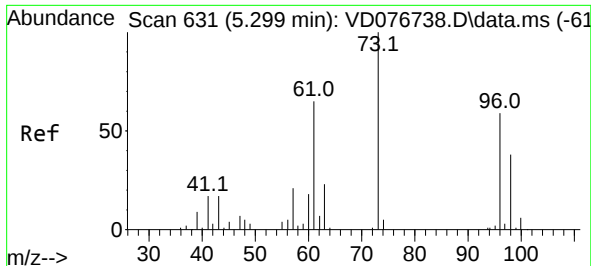
Supervised By :Mahesh
Dadoda
07/31/2023



#20
Methylene Chloride
Concen: 55.430 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

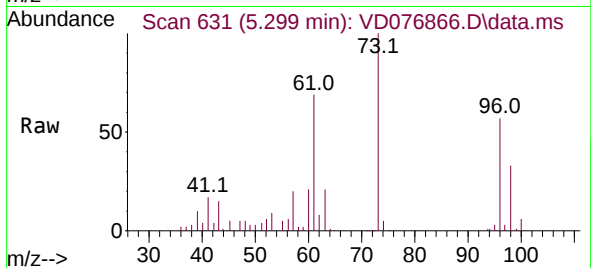
Tgt Ion: 84 Resp: 108390
Ion Ratio Lower Upper
84 100
49 109.2 71.4 107.2#
51 35.4 24.5 36.7
86 69.5 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 46.483 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

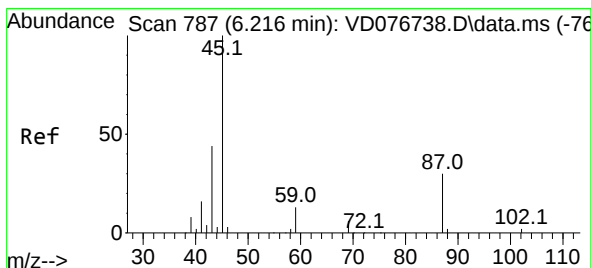
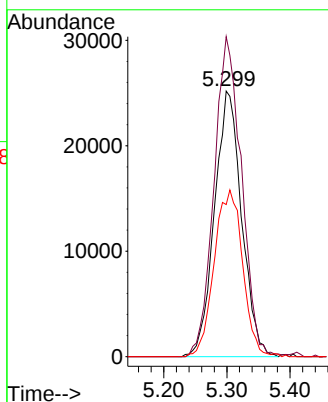
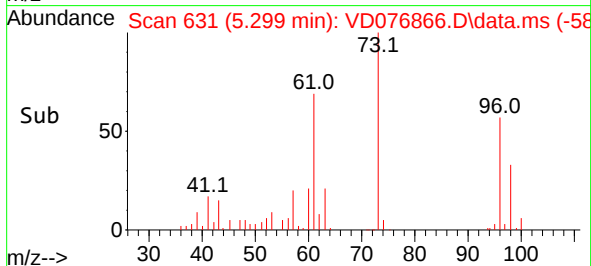


Tgt Ion: 96 Resp: 7522
Ion Ratio Lower Upper
96 100
61 120.5 89.3 133.9
98 57.3 48.6 73.0

Manual Integrations
APPROVED

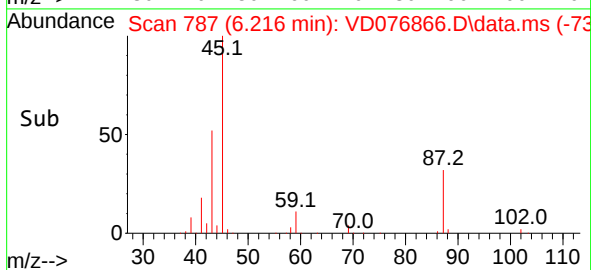
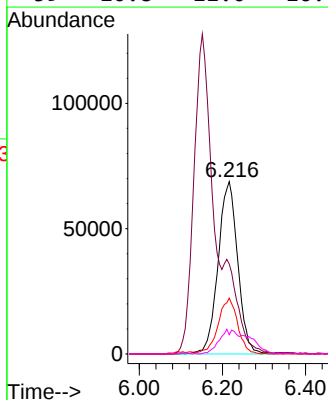
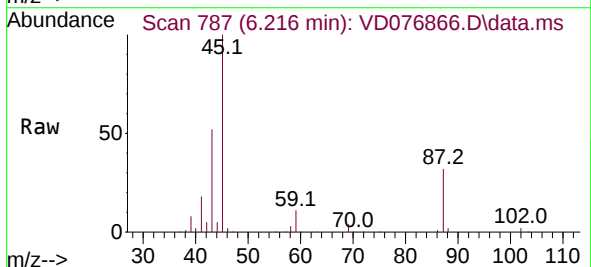
Reviewed By :John
Carlone
07/31/2023

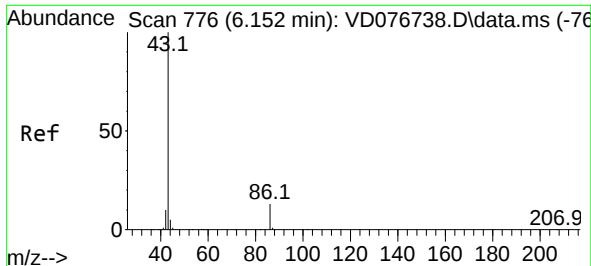
Supervised By :Mahesh
Dadoda
07/31/2023



#22
Diisopropyl ether
Concen: 52.022 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

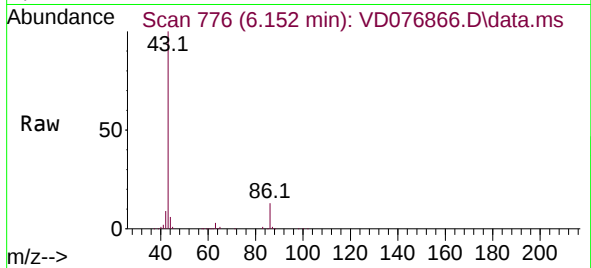
Tgt Ion: 45 Resp: 225306
Ion Ratio Lower Upper
45 100
43 51.4 40.0 60.0
87 32.4 28.2 42.4
59 10.8 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 222.499 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076866.D
 Acq: 28 Jul 2023 20:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

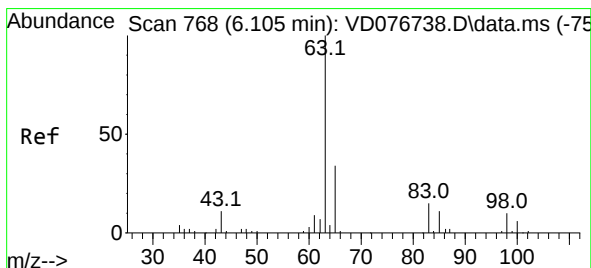
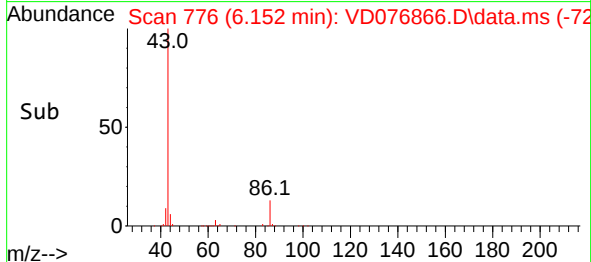
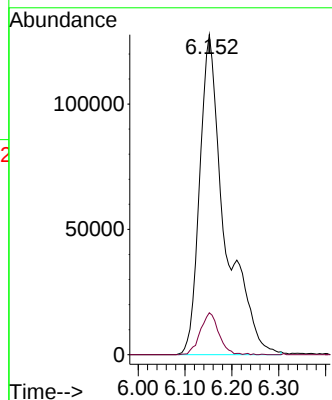


Tgt Ion: 43 Resp: 476792
 Ion Ratio Lower Upper
 43 100
 86 13.1 12.5 18.7

Manual Integrations
 APPROVED

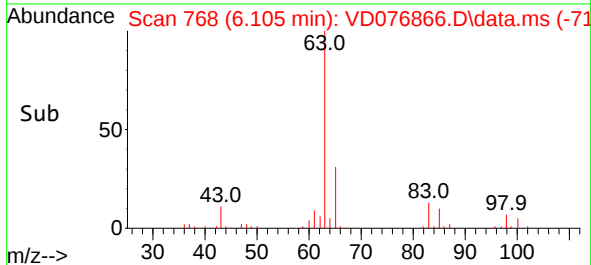
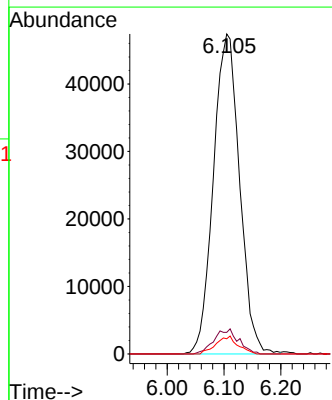
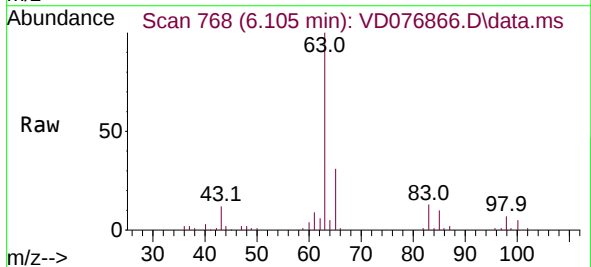
Reviewed By :John
 Carlone
 07/31/2023

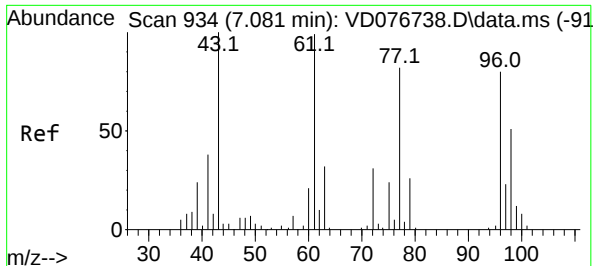
Supervised By :Mahesh
 Dadoda
 07/31/2023



#24
 1,1-Dichloroethane
 Concen: 51.991 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076866.D
 Acq: 28 Jul 2023 20:42

Tgt Ion: 63 Resp: 151818
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.5 13.7
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 264.700 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076866.D

Acq: 28 Jul 2023 20:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 11873

Ion Ratio Lower Upper

43 100

72 32.3 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John

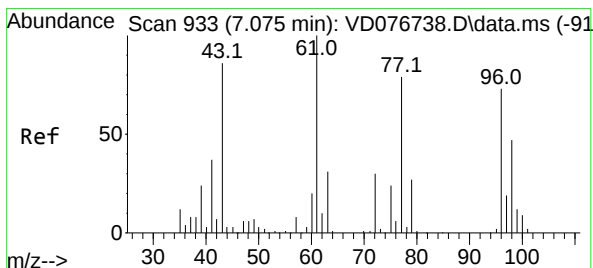
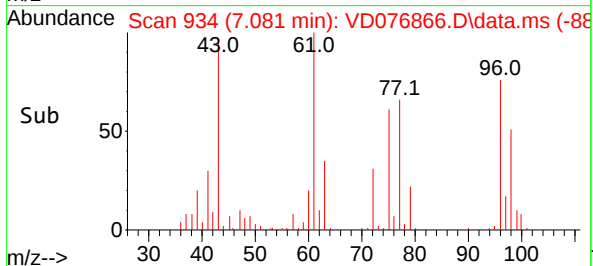
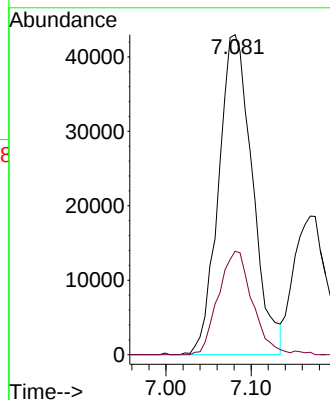
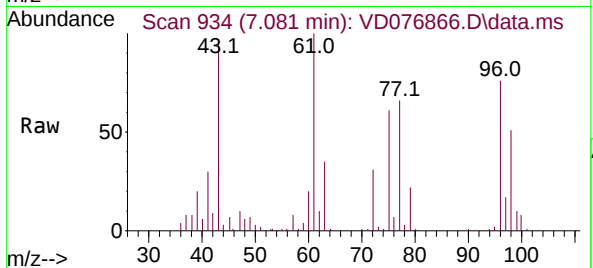
Carlone

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Supervised By :Mahesh

Dadoda

07/31/2023



#26

2,2-Dichloropropane

Concen: 41.629 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076866.D

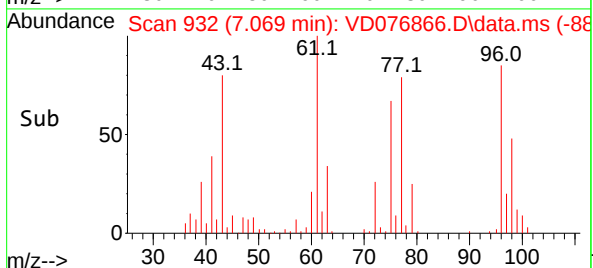
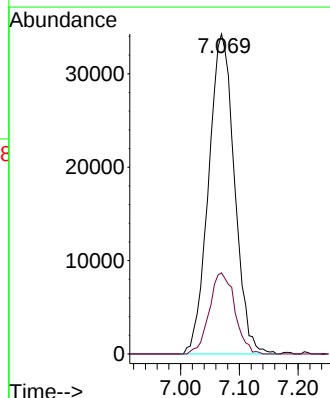
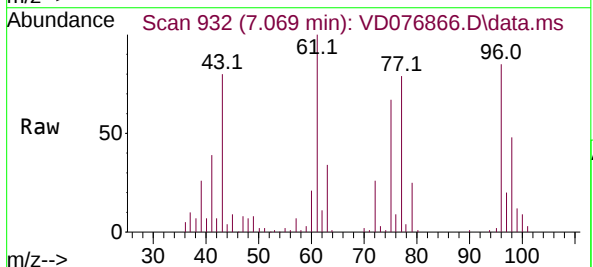
Acq: 28 Jul 2023 20:42

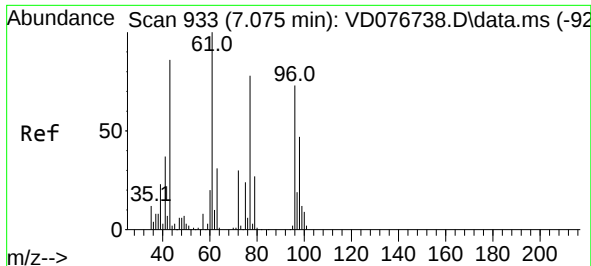
Tgt Ion: 77 Resp: 104788

Ion Ratio Lower Upper

77 100

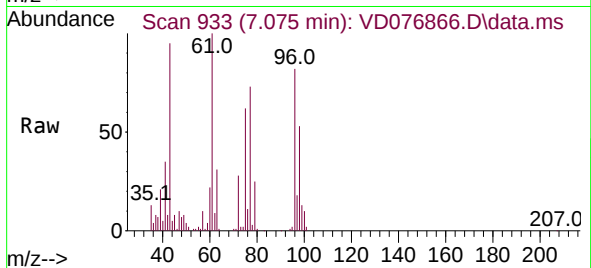
97 24.9 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.682 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD076866.D
 Acq: 28 Jul 2023 20:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

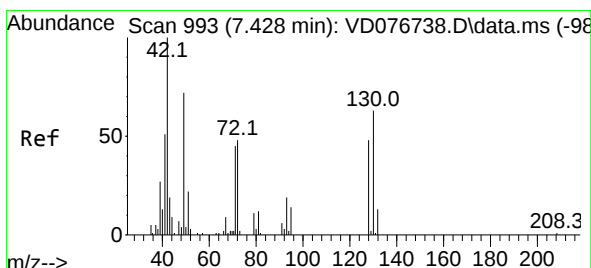
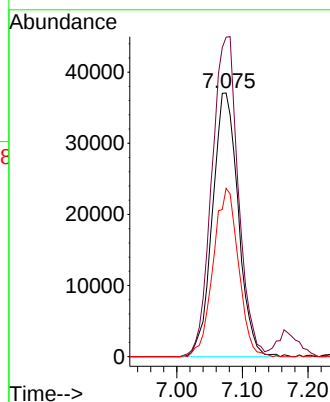
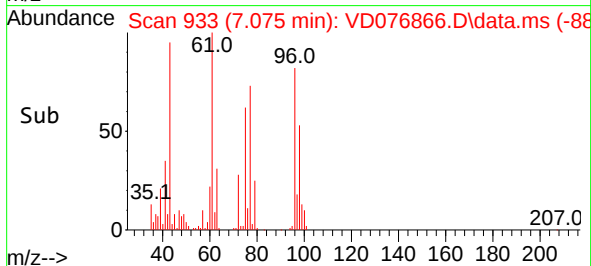


Tgt Ion: 96 Resp: 10111
 Ion Ratio Lower Upper
 96 100
 61 125.1 0.0 239.2
 98 62.6 0.0 128.6

Manual Integrations
 APPROVED

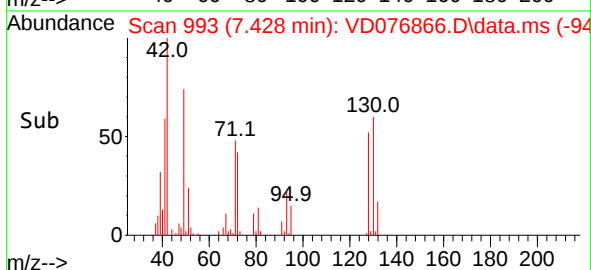
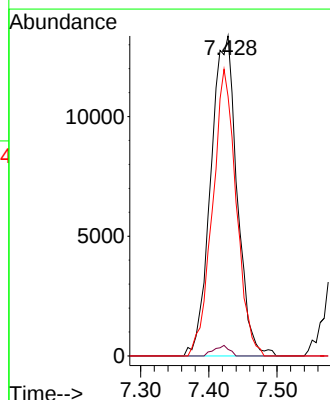
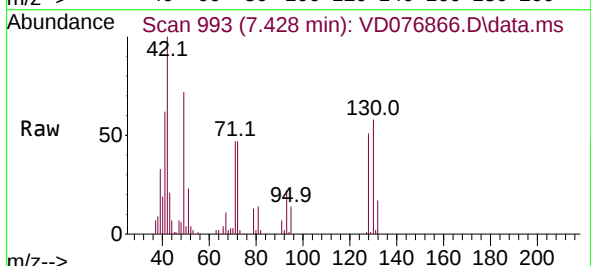
Reviewed By :John
 Carlone
 07/31/2023

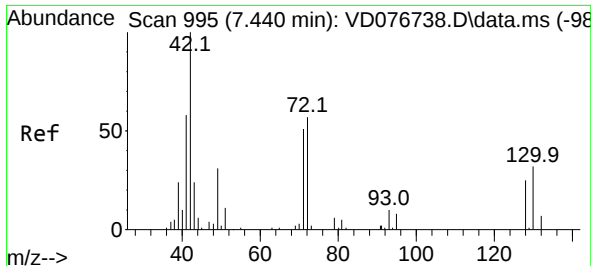
Supervised By :Mahesh
 Dadoda
 07/31/2023



#28
 Bromochloromethane
 Concen: 49.033 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD076866.D
 Acq: 28 Jul 2023 20:42

Tgt Ion: 49 Resp: 35797
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 6.0
 130 81.2 83.2 124.8#





#29

Tetrahydrofuran

Concen: 275.377 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076866.D

Acq: 28 Jul 2023 20:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 7298

Ion	Ratio	Lower	Upper
42	100		
72	52.8	46.5	69.7
71	47.9	44.5	66.7

Manual Integrations
APPROVED

Reviewed By :John

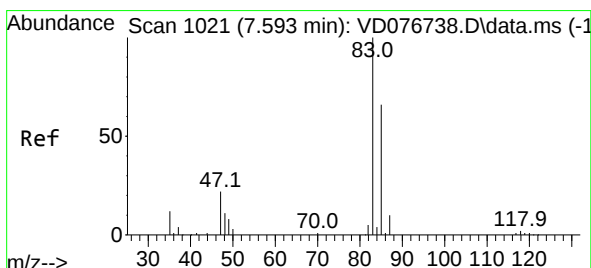
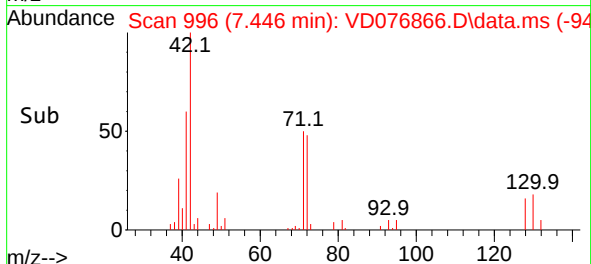
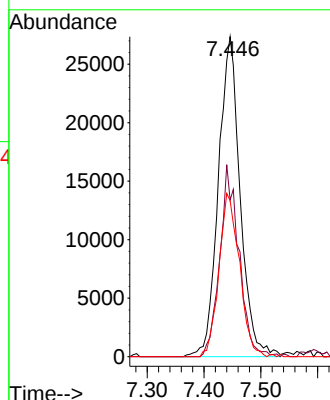
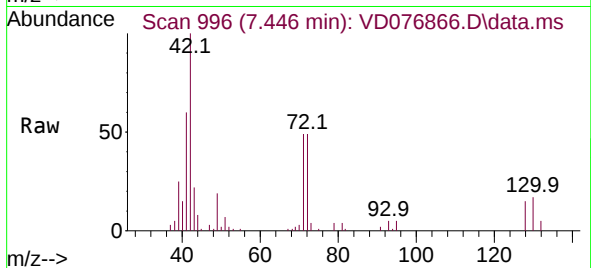
Carlone

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07/31/2023



#30

Chloroform

Concen: 52.968 ug/l

RT: 7.587 min Scan# 1020

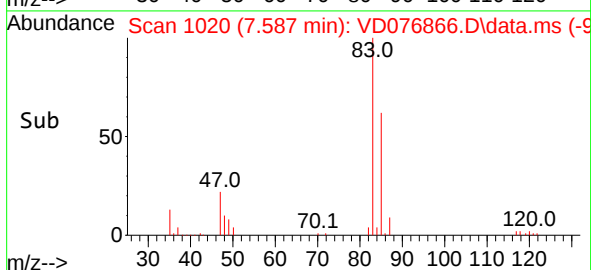
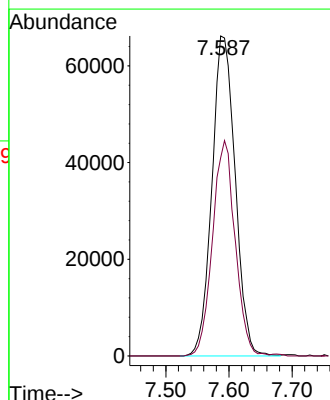
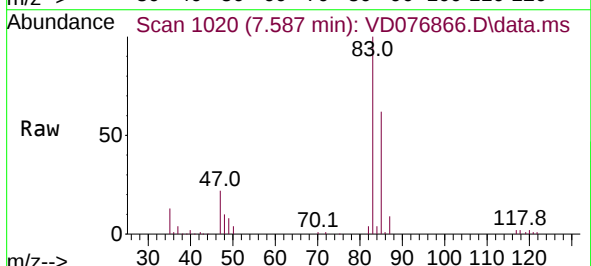
Delta R.T. -0.006 min

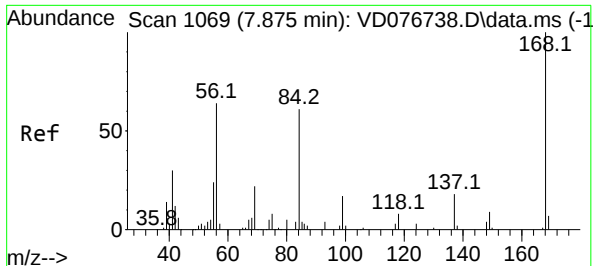
Lab File: VD076866.D

Acq: 28 Jul 2023 20:42

Tgt Ion: 83 Resp: 169408

Ion	Ratio	Lower	Upper
83	100		
85	62.0	53.4	80.2





#31

Cyclohexane

Concen: 43.600 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076866.D

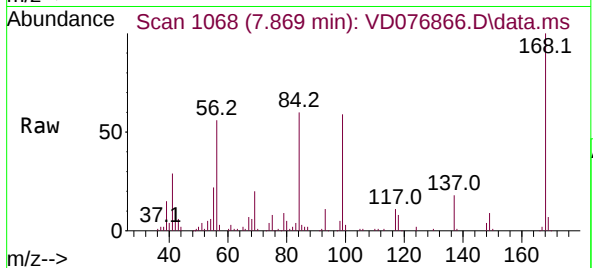
Acq: 28 Jul 2023 20:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	56	Resp:	9004
Ion Ratio	100	Lower	Upper
56	100		
69	36.1	28.6	43.0
84	104.1	84.8	127.2

Manual Integrations
APPROVED

Reviewed By :John

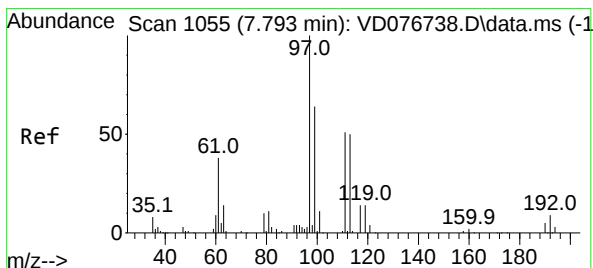
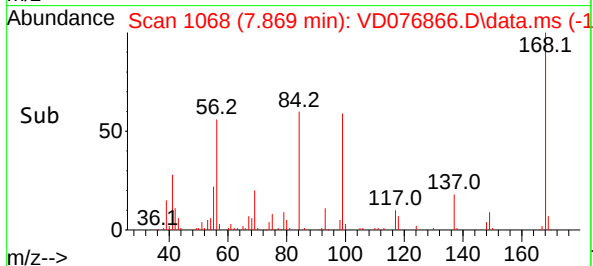
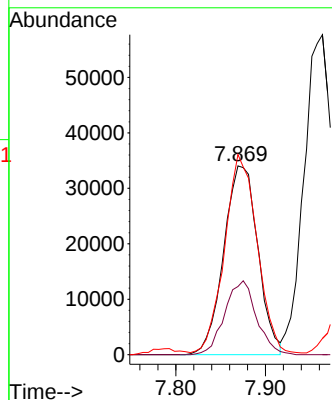
Carlone

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Supervised By :Mahesh

Dadoda

07/31/2023



#32

1,1,1-Trichloroethane

Concen: 52.099 ug/l

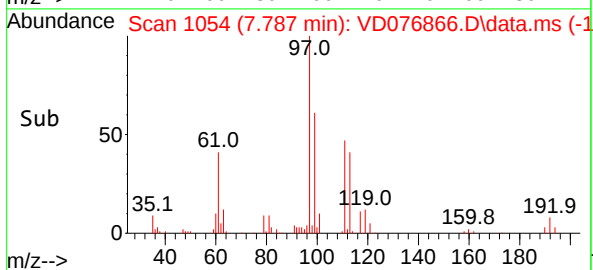
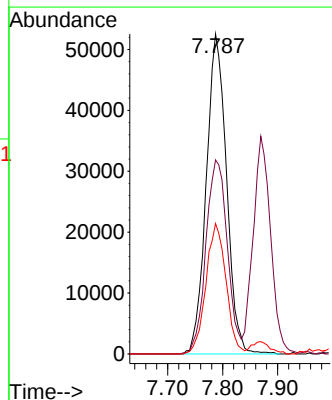
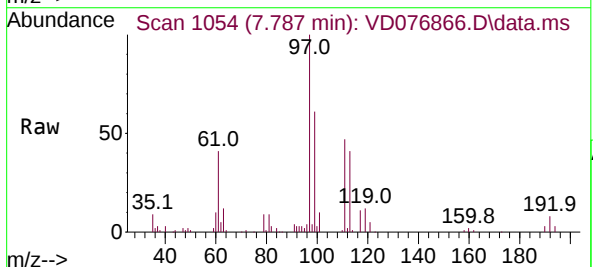
RT: 7.787 min Scan# 1054

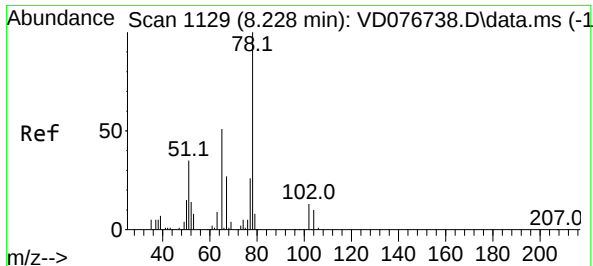
Delta R.T. -0.006 min

Lab File: VD076866.D

Acq: 28 Jul 2023 20:42

Tgt Ion:	97	Resp:	134439
Ion Ratio	100	Lower	Upper
97	100		
99	64.2	52.0	78.0
61	40.3	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 50.745 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076866.D

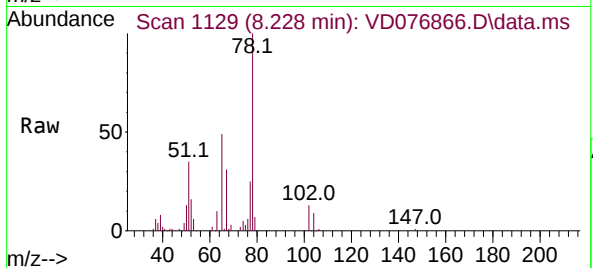
Acq: 28 Jul 2023 20:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 65 Resp: 71214

Ion Ratio Lower Upper

65 100

67 57.0 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John

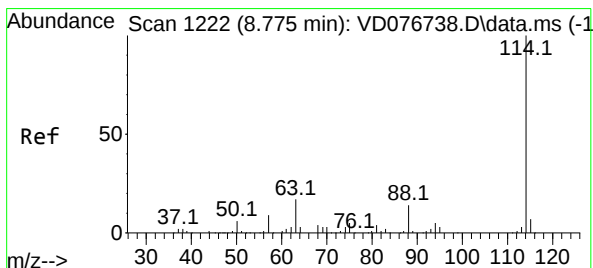
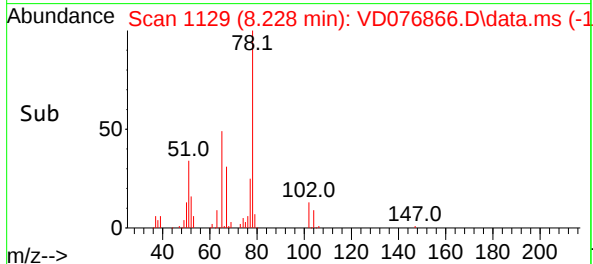
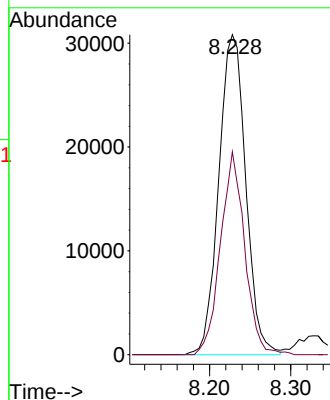
Carlone

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Supervised By :Mahesh

Dadoda

07/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076866.D

Acq: 28 Jul 2023 20:42

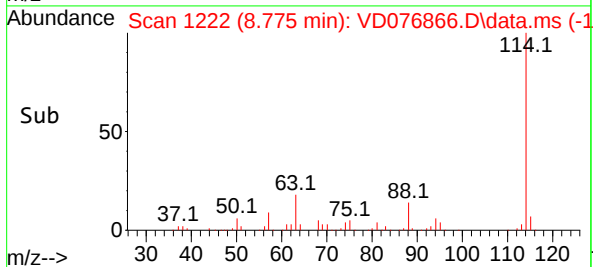
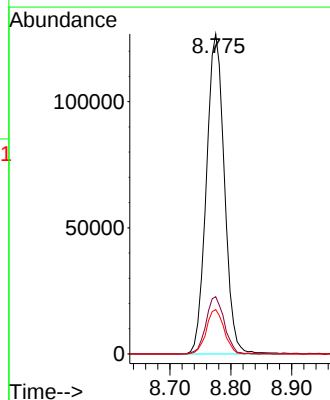
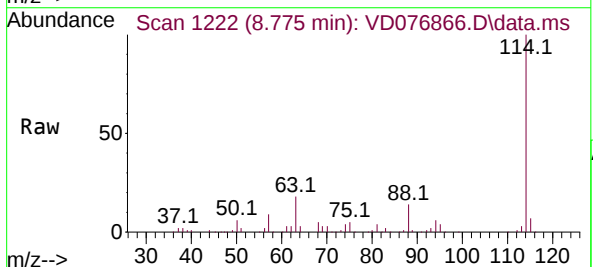
Tgt Ion:114 Resp: 260697

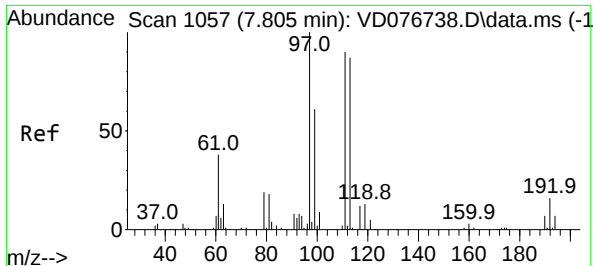
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

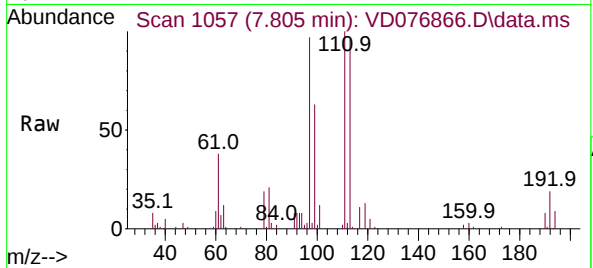
88 13.8 0.0 26.2





#35
Dibromofluoromethane
Concen: 50.313 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

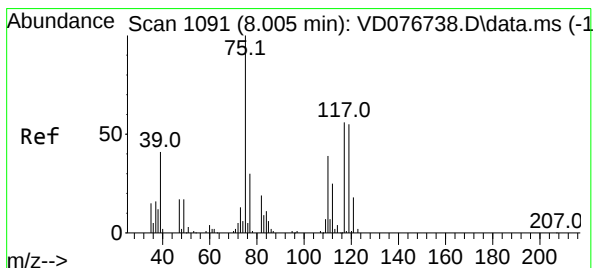
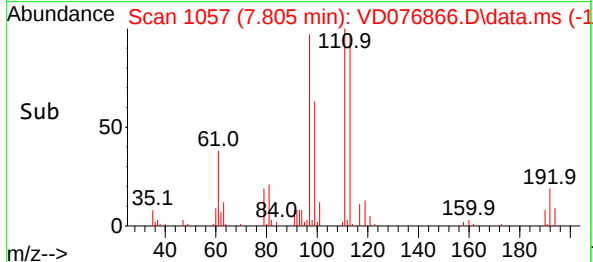
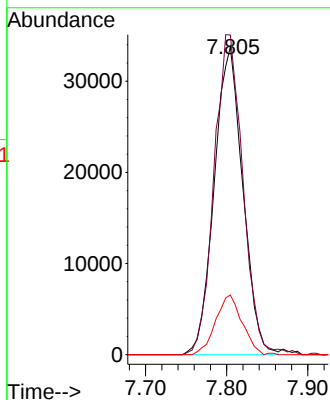


Tgt Ion: 113 Resp: 82425
Ion Ratio Lower Upper
113 100
111 105.1 84.7 127.1
192 18.1 16.8 25.2

Manual Integrations
APPROVED

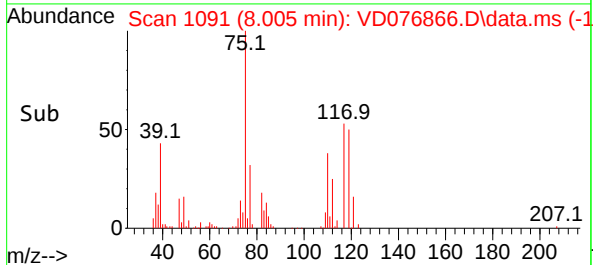
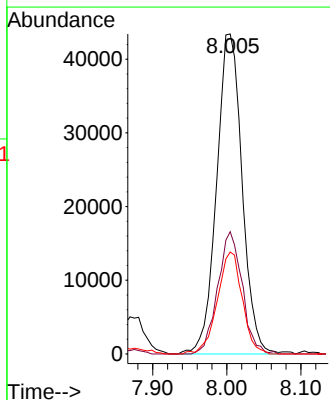
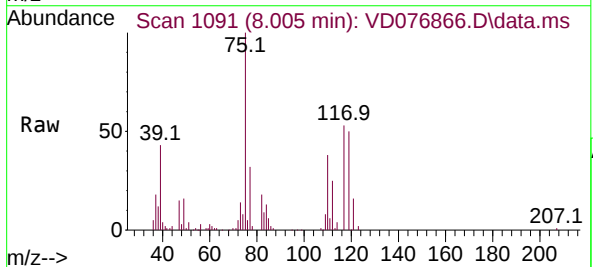
Reviewed By :John
Carlone
07/31/2023

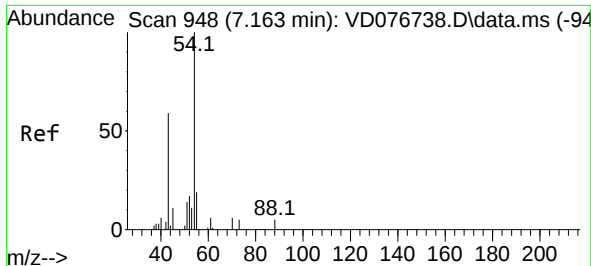
Supervised By :Mahesh
Dadoda
07/31/2023



#36
1,1-Dichloropropene
Concen: 48.546 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

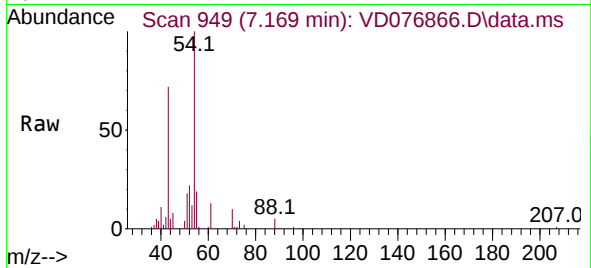
Tgt Ion: 75 Resp: 103924
Ion Ratio Lower Upper
75 100
110 36.6 19.9 59.6
77 31.0 24.7 37.1





#37
Ethyl Acetate
Concen: 52.917 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

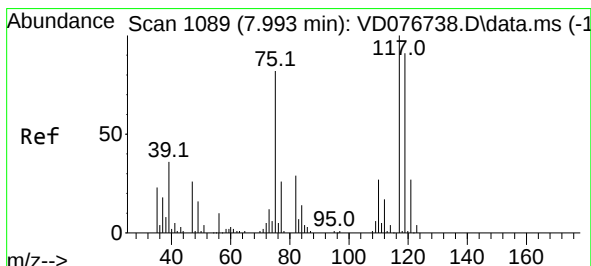
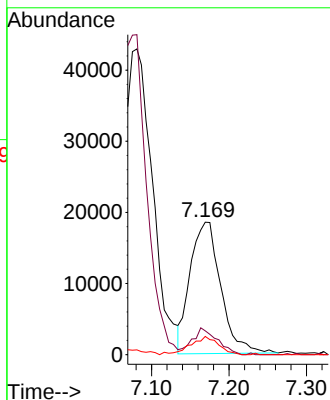
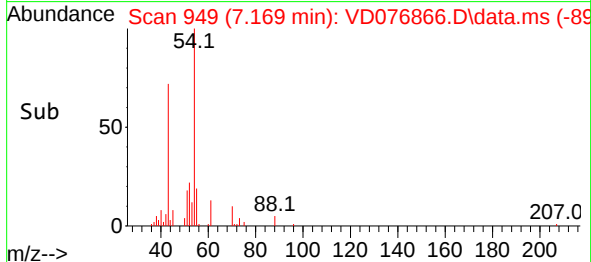


Tgt Ion: 43 Resp: 50660
Ion Ratio Lower Upper
43 100
61 16.7 14.9 22.3
70 12.7 10.0 15.0

Manual Integrations
APPROVED

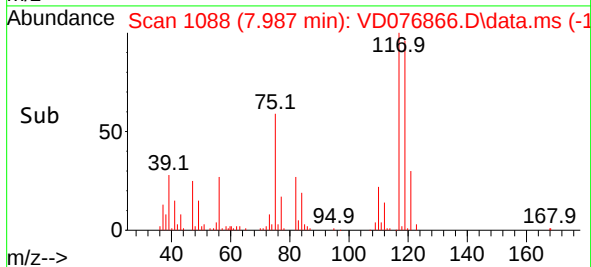
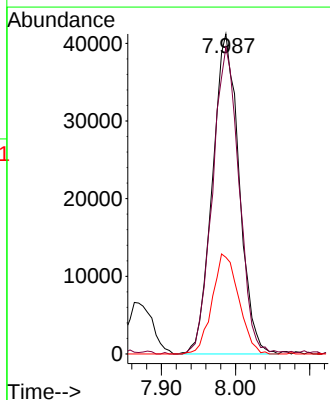
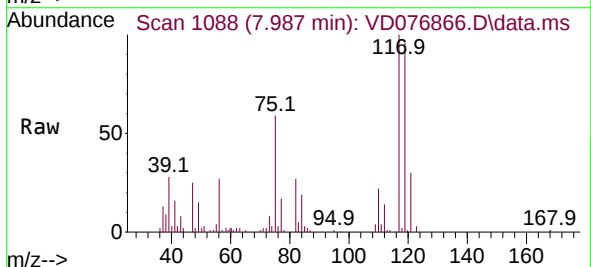
Reviewed By :John
Carlone
07/31/2023

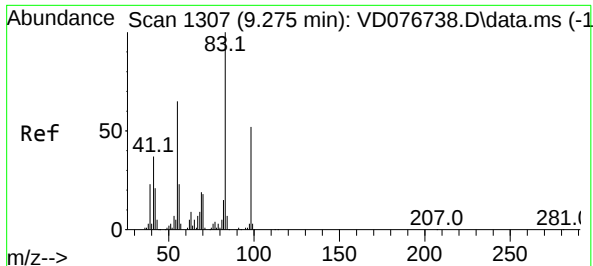
Supervised By :Mahesh
Dadoda
07/31/2023



#38
Carbon Tetrachloride
Concen: 50.200 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Tgt Ion:117 Resp: 102899
Ion Ratio Lower Upper
117 100
119 95.8 78.0 117.0
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 44.644 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076866.D

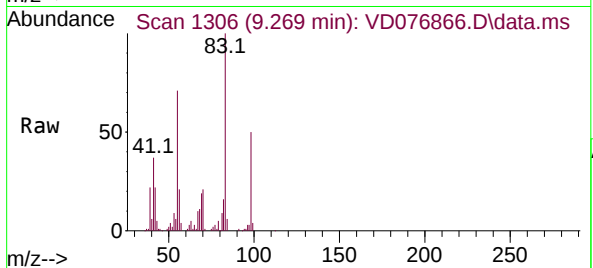
Acq: 28 Jul 2023 20:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	83	Resp:	11035
Ion	Ratio	Lower	Upper
83	100		
55	71.1	49.4	74.0
98	49.6	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John

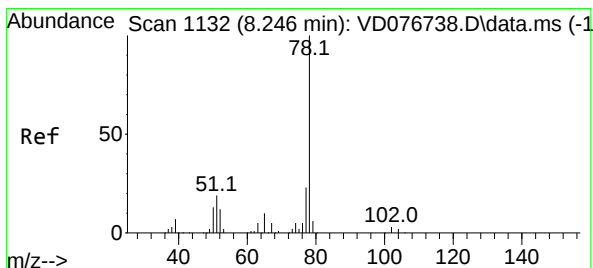
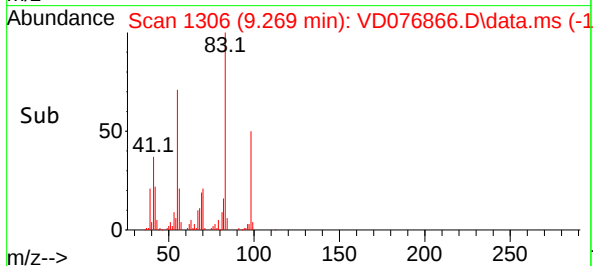
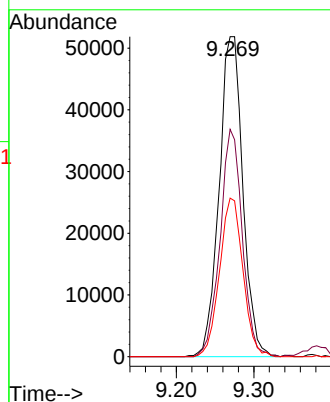
Carlone

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#40

Benzene

Concen: 48.546 ug/l

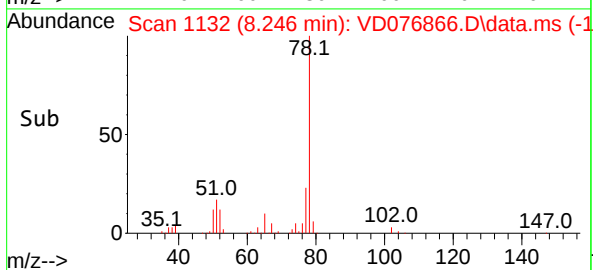
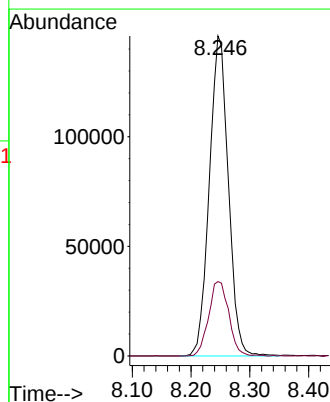
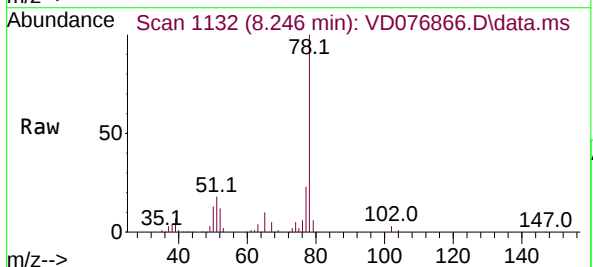
RT: 8.246 min Scan# 1132

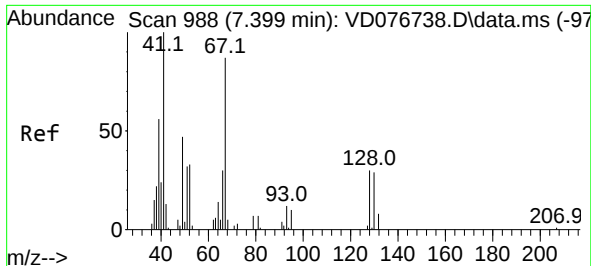
Delta R.T. -0.000 min

Lab File: VD076866.D

Acq: 28 Jul 2023 20:42

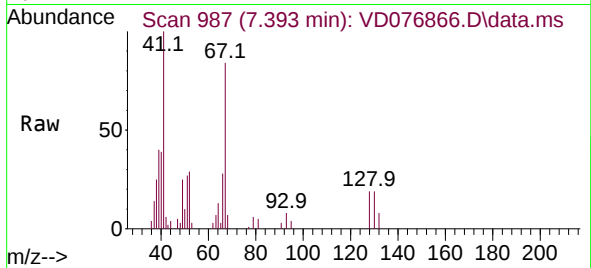
Tgt Ion:	78	Resp:	327907
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.0





#41
Methacrylonitrile
Concen: 51.596 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

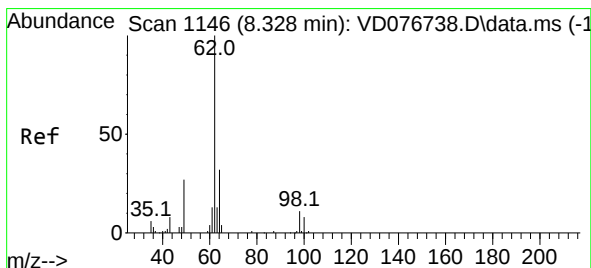
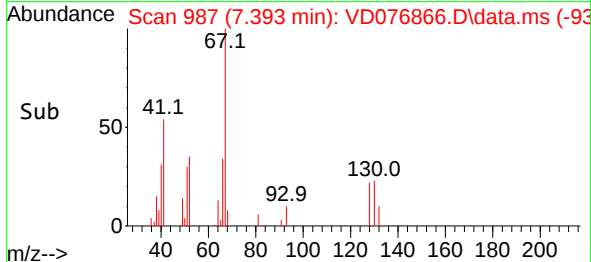
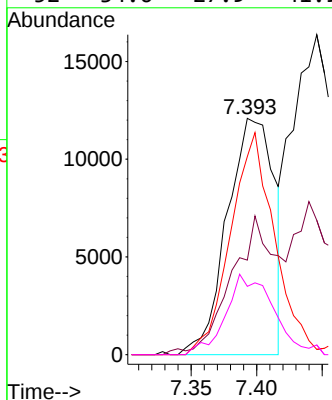


Tgt Ion: 41 Resp: 30164
Ion Ratio Lower Upper
41 100
39 58.1 34.0 51.0
67 88.3 77.0 115.4
52 34.6 27.9 41.9

Manual Integrations
APPROVED

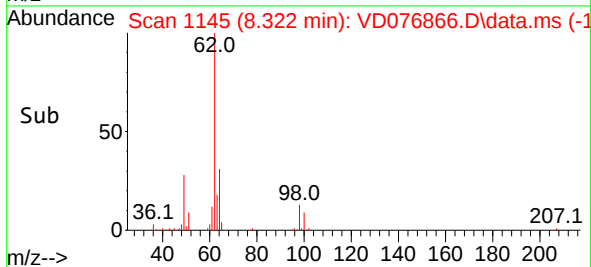
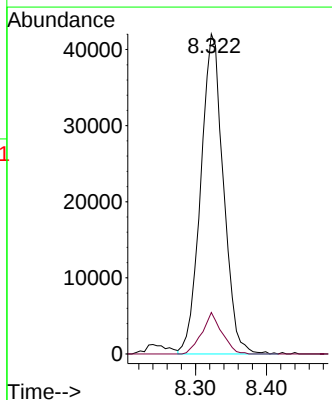
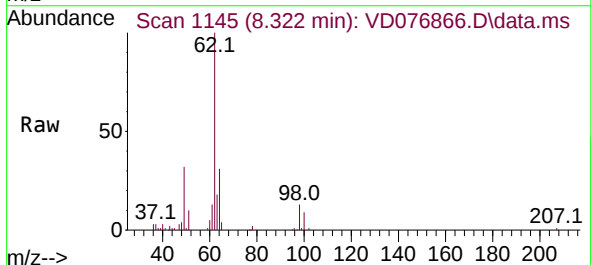
Reviewed By :John
Carlone
07/31/2023

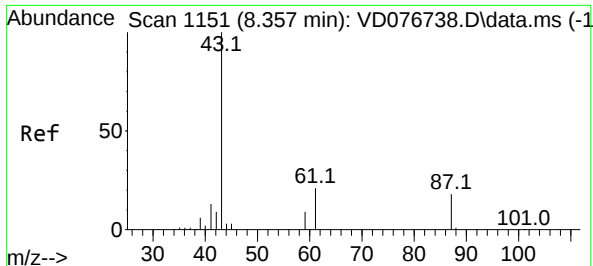
Supervised By :Mahesh
Dadoda
07/31/2023



#42
1,2-Dichloroethane
Concen: 53.206 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

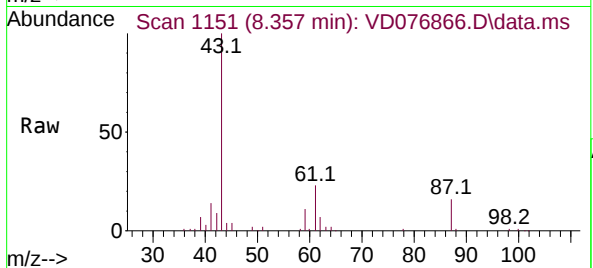
Tgt Ion: 62 Resp: 93378
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4





#43
Isopropyl Acetate
Concen: 53.531 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

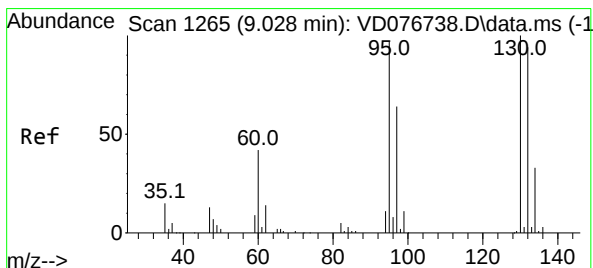
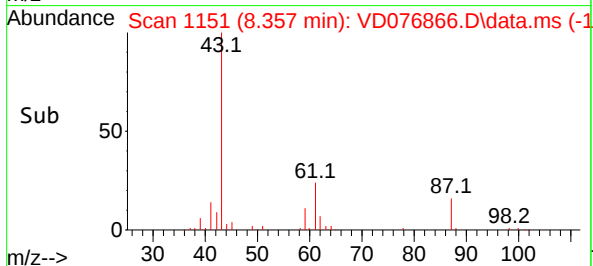
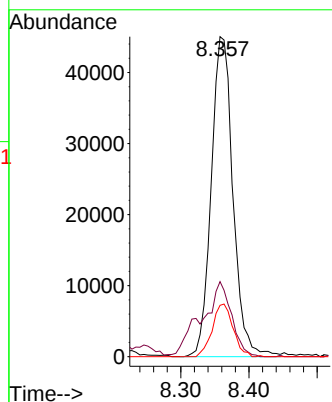


Tgt Ion: 43 Resp: 100010
Ion Ratio Lower Upper
43 100
61 24.0 31.4 47.0
87 15.7 14.9 22.3

Manual Integrations
APPROVED

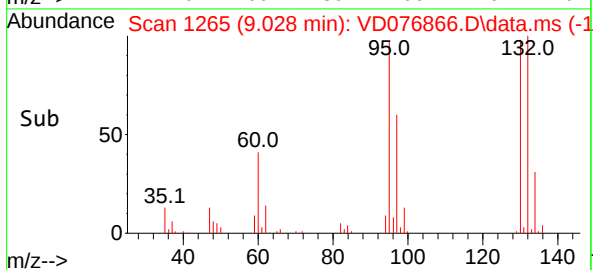
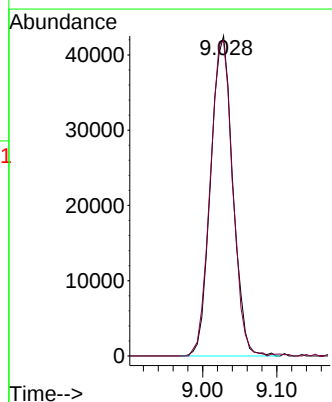
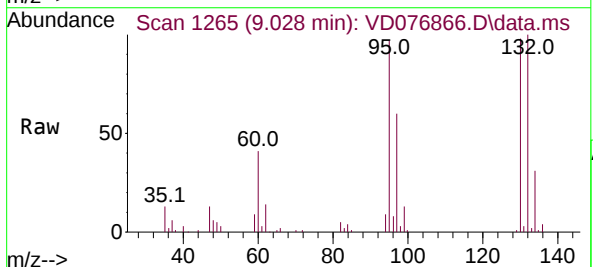
Reviewed By :John
Carlone
07/31/2023

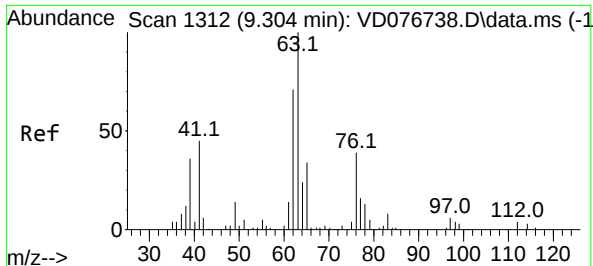
Supervised By :Mahesh
Dadoda
07/31/2023



#44
Trichloroethene
Concen: 47.846 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Tgt Ion:130 Resp: 88066
Ion Ratio Lower Upper
130 100
95 98.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.816 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD076866.D

Acq: 28 Jul 2023 20:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 90345
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.5 36.7

Manual Integrations
 APPROVED

Reviewed By :John

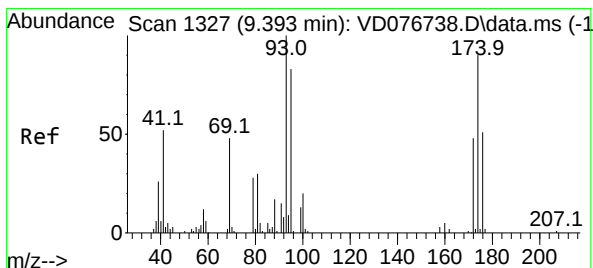
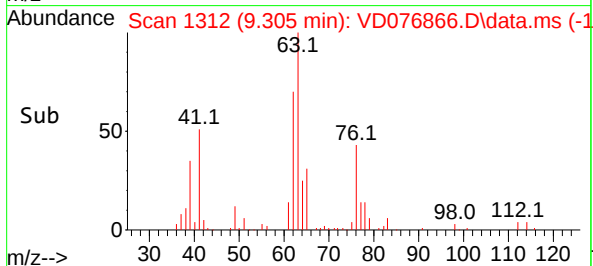
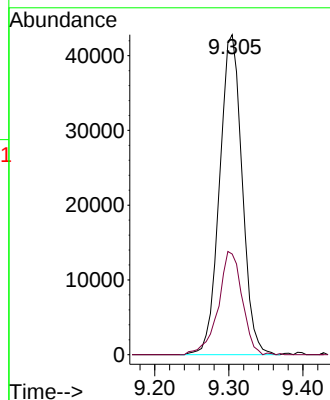
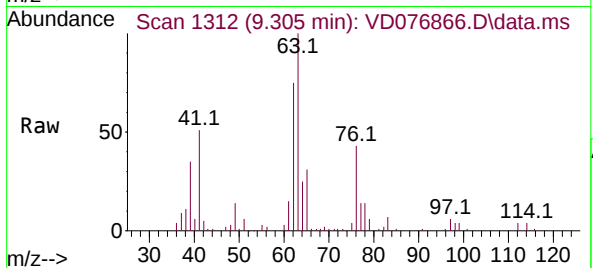
Carlone

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Supervised By :Mahesh

Dadoda

07/31/2023



#46

Dibromomethane

Concen: 53.433 ug/l

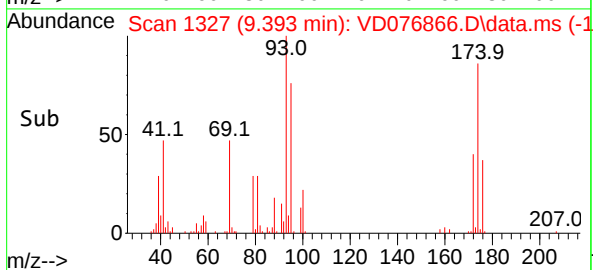
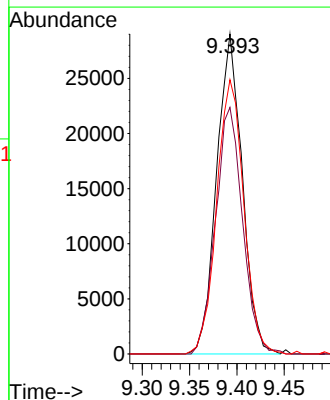
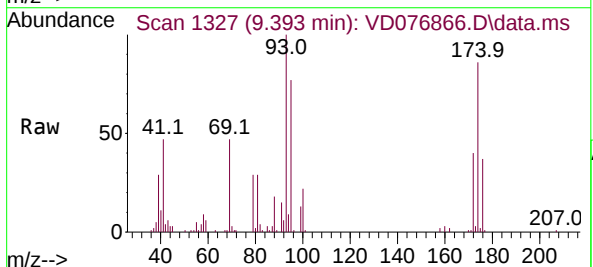
RT: 9.393 min Scan# 1327

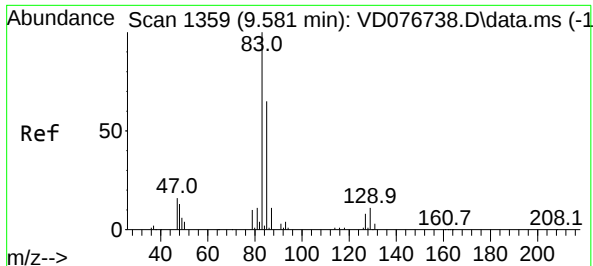
Delta R.T. -0.000 min

Lab File: VD076866.D

Acq: 28 Jul 2023 20:42

Tgt Ion: 93 Resp: 54533
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.7 101.5
 174 90.7 85.4 128.2





#47

Bromodichloromethane

Concen: 52.000 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD076866.D

Acq: 28 Jul 2023 20:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 133179

Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.2	75.4
127	8.6	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John

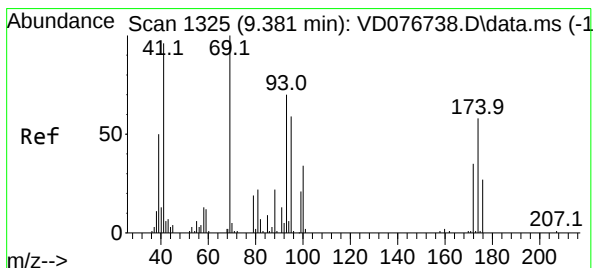
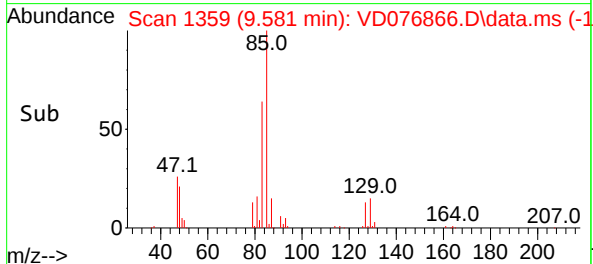
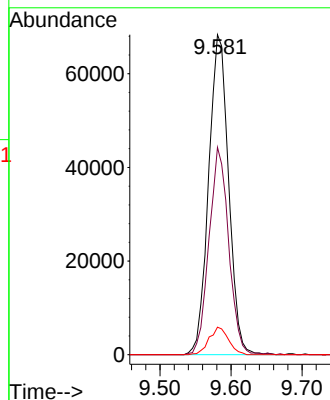
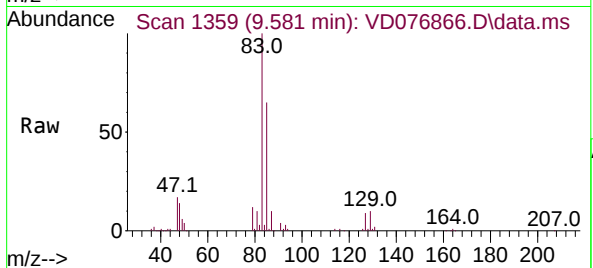
Carlone

07/31/2023

Supervised By :Mahesh

Dadoda

07/31/2023



#48

Methyl methacrylate

Concen: 50.329 ug/l

RT: 9.375 min Scan# 1324

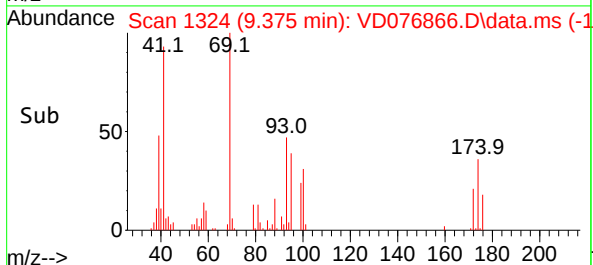
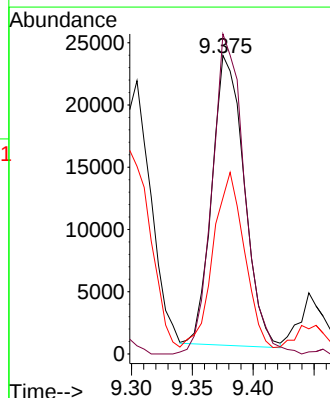
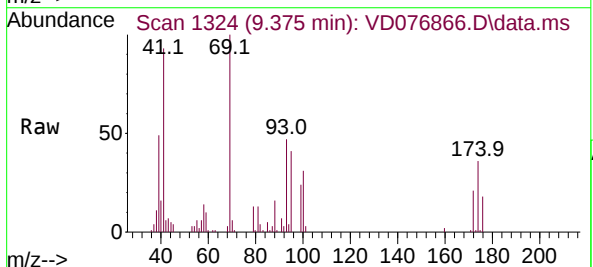
Delta R.T. -0.006 min

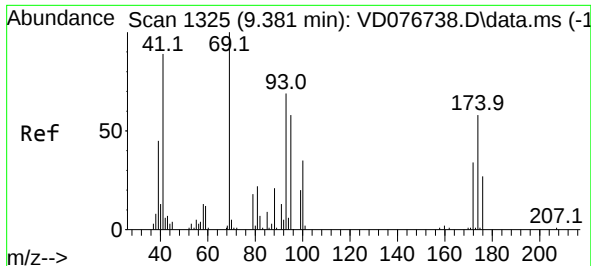
Lab File: VD076866.D

Acq: 28 Jul 2023 20:42

Tgt Ion: 41 Resp: 42798

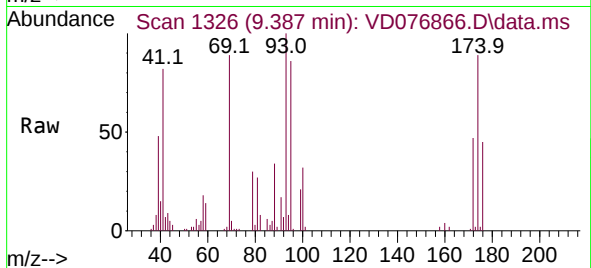
Ion	Ratio	Lower	Upper
41	100		
69	111.0	102.2	153.2
39	63.9	41.4	62.2





#49
1,4-Dioxane
Concen: 1143.553 ug/l
RT: 9.387 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

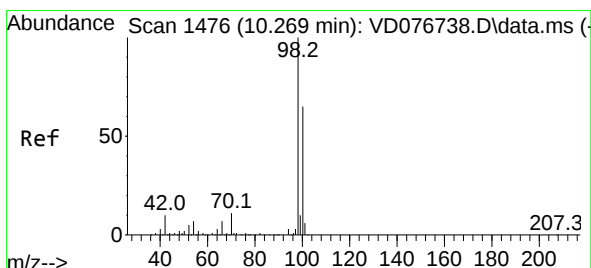
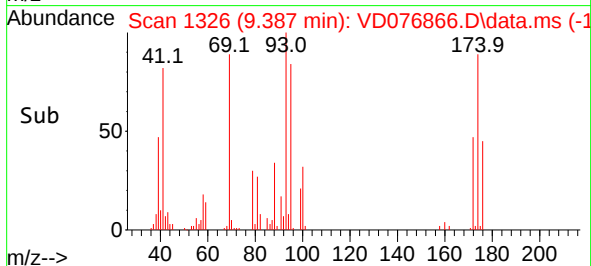
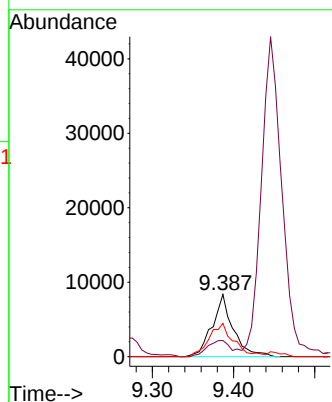


Tgt Ion: 88 Resp: 1495
Ion Ratio Lower Upper
88 100
43 31.7 19.0 28.6
58 63.0 43.5 65.3

Manual Integrations
APPROVED

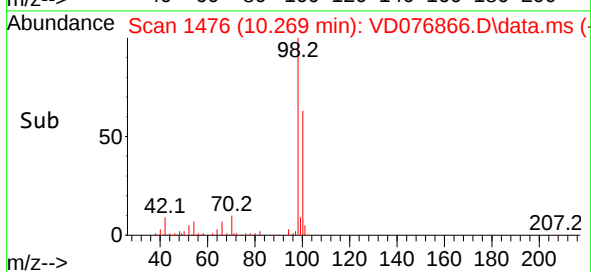
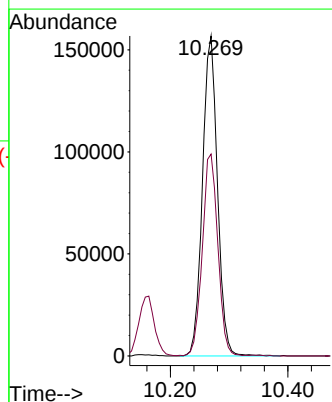
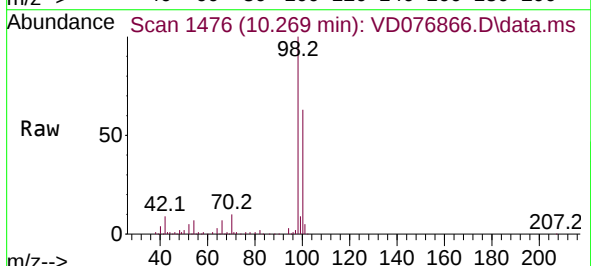
Reviewed By :John
Carlone
07/31/2023

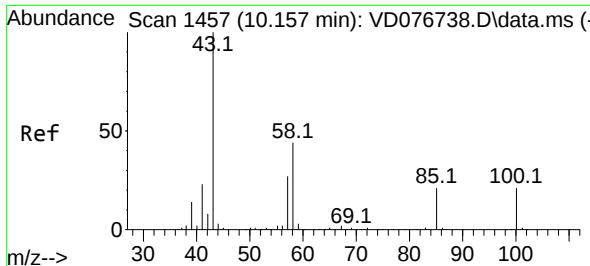
Supervised By :Mahesh
Dadoda
07/31/2023



#50
Toluene-d8
Concen: 47.200 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

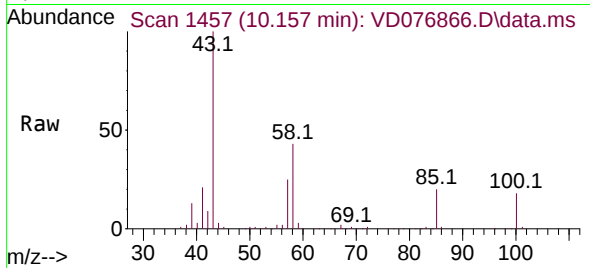
Tgt Ion: 98 Resp: 276619
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 281.193 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

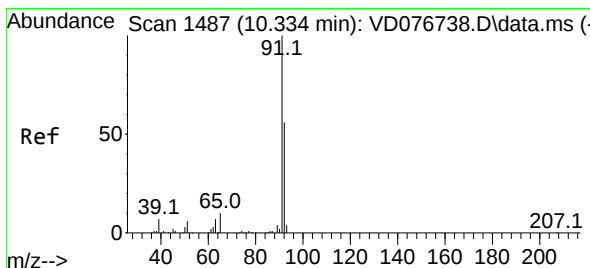
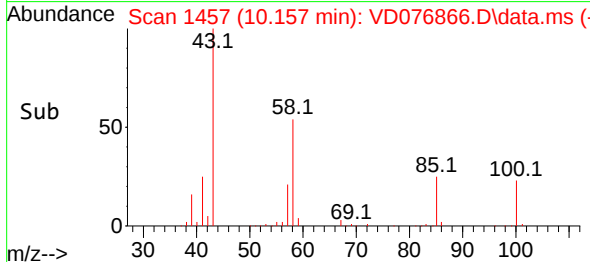
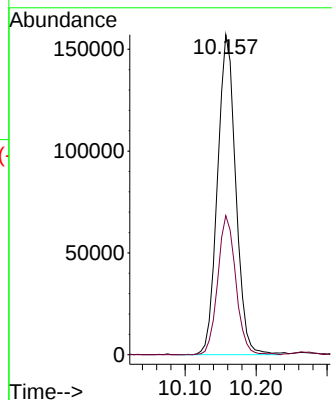


Tgt Ion: 43 Resp: 279720
Ion Ratio Lower Upper
43 100
58 43.0 38.9 58.3

Manual Integrations
APPROVED

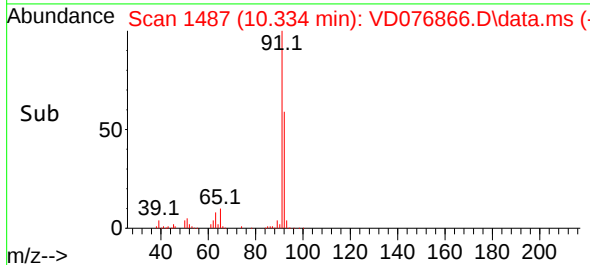
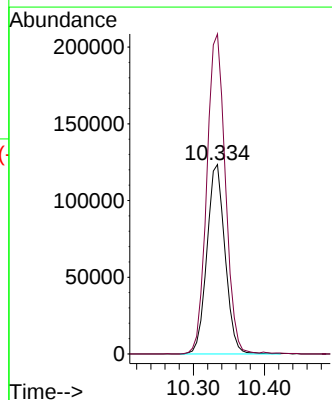
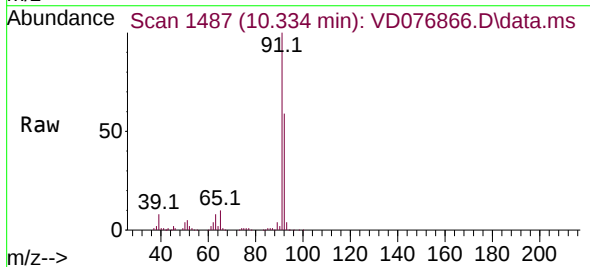
Reviewed By :John
Carlone
07/31/2023

Supervised By :Mahesh
Dadoda
07/31/2023



#52
Toluene
Concen: 49.386 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

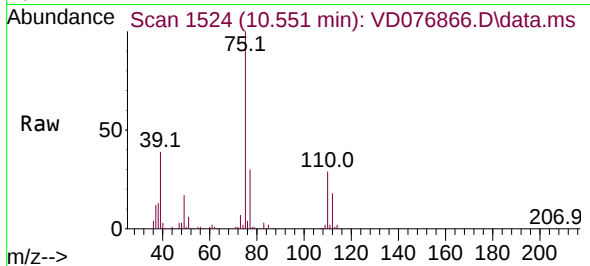
Tgt Ion: 92 Resp: 219087
Ion Ratio Lower Upper
92 100
91 172.6 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 48.746 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

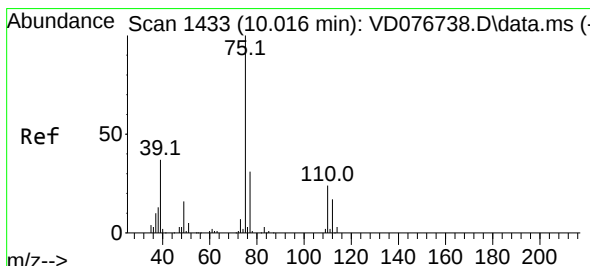
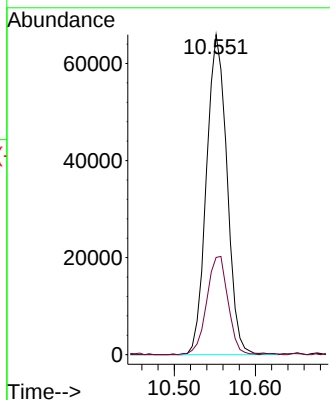
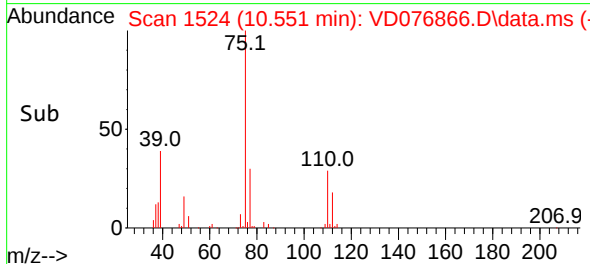


Tgt Ion: 75 Resp: 115878
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9

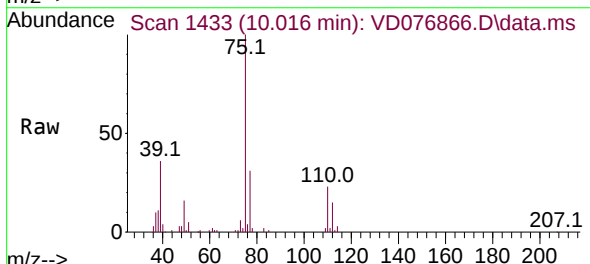
Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/31/2023

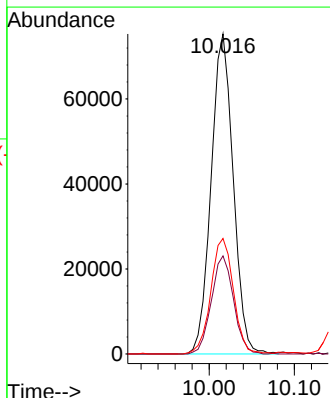
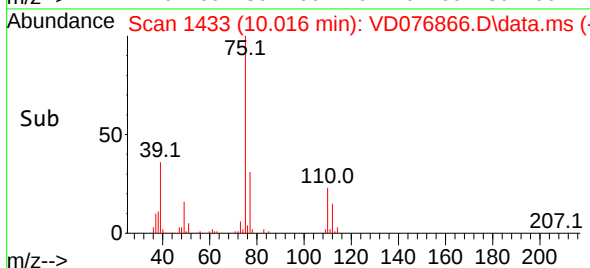
Supervised By :Mahesh
Dadoda
07/31/2023

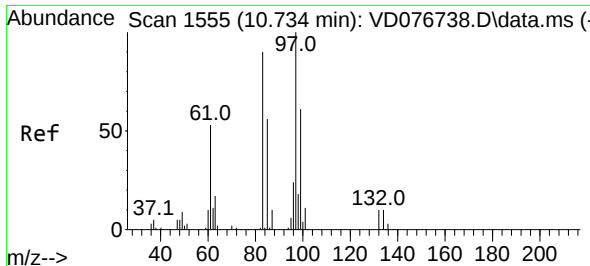


#54
cis-1,3-Dichloropropene
Concen: 48.408 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42



Tgt Ion: 75 Resp: 135622
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
39 36.1 22.1 33.1#





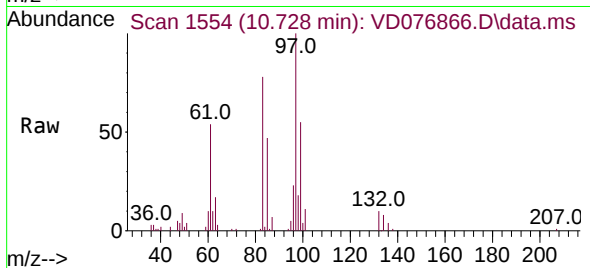
#55
1,1,2-Trichloroethane
Concen: 53.856 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	97	Resp:	8026
Ion Ratio	Lower	Upper	
97	100		
83	78.3	65.8	98.6
85	47.4	45.7	68.5
99	54.8	46.2	69.4

Manual Integrations
APPROVED

Reviewed By :John

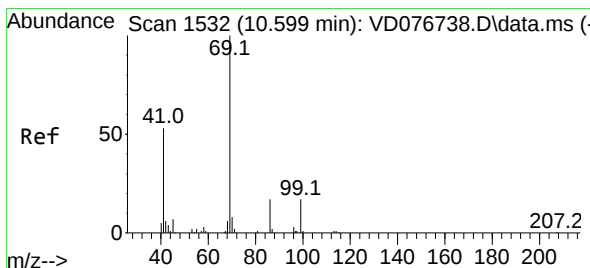
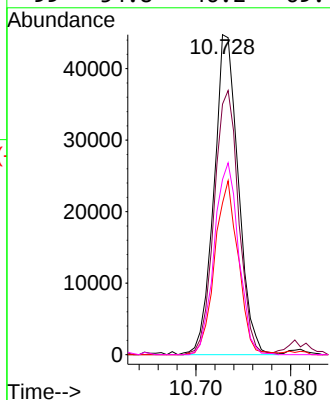
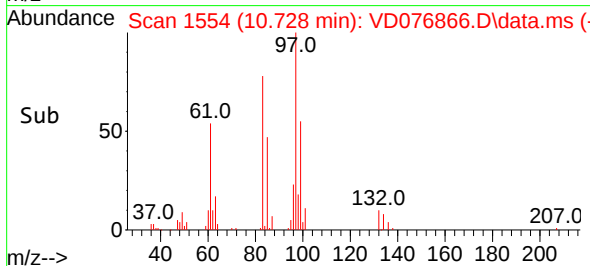
Carlone

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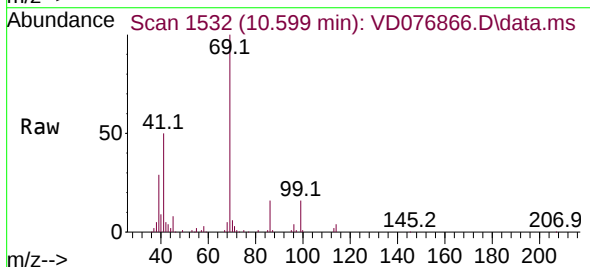
Supervised By :Mahesh

Dadoda

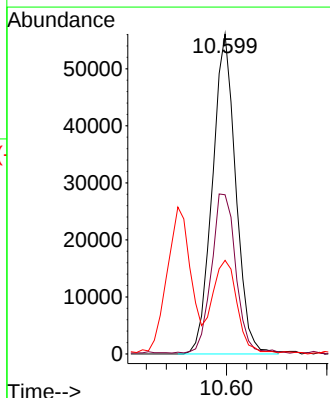
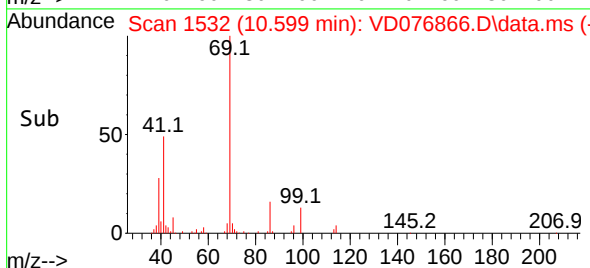
07/31/2023

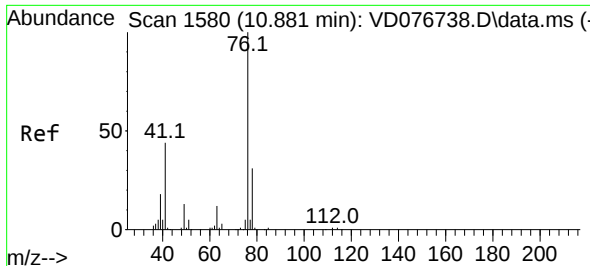


#56
Ethyl methacrylate
Concen: 52.757 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42



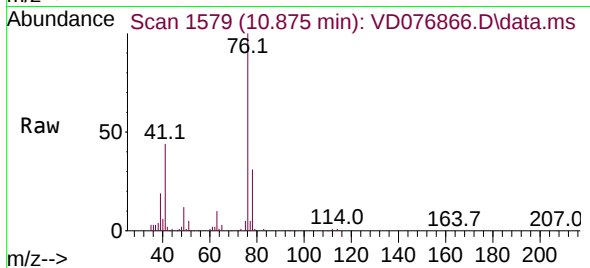
Tgt Ion:	69	Resp:	90749
Ion Ratio	Lower	Upper	
69	100		
41	51.9	39.1	58.7
39	30.6	20.0	30.0#





#57
1,3-Dichloropropane
Concen: 52.677 ug/l
RT: 10.875 min Scan# 1580
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

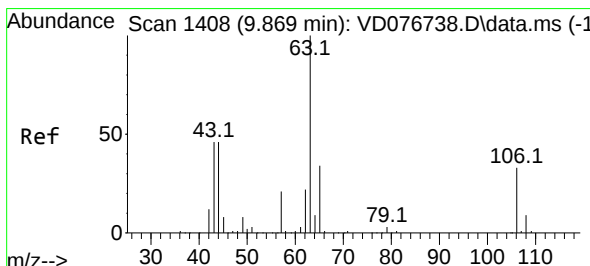
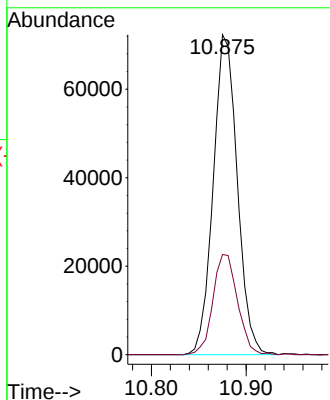
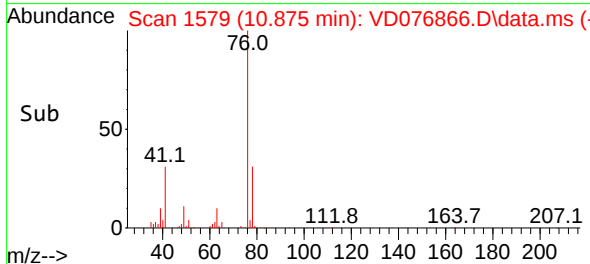
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 127849
Ion Ratio Lower Upper
76 100
78 32.0 26.4 39.6

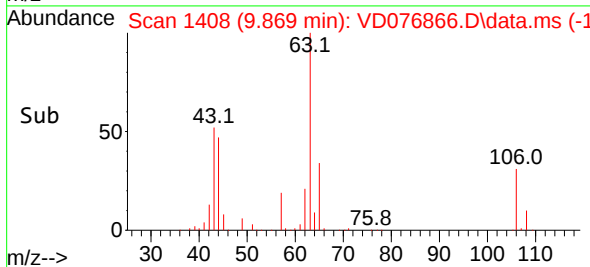
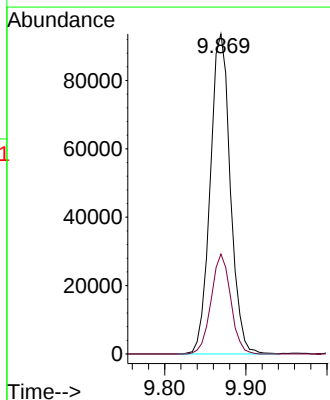
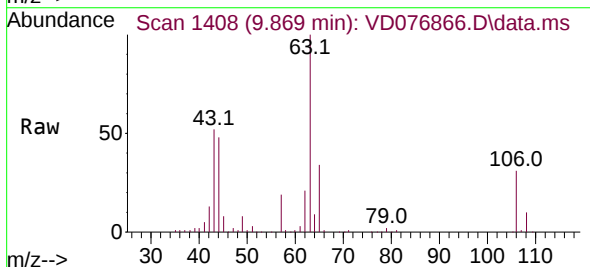
Manual Integrations
APPROVED

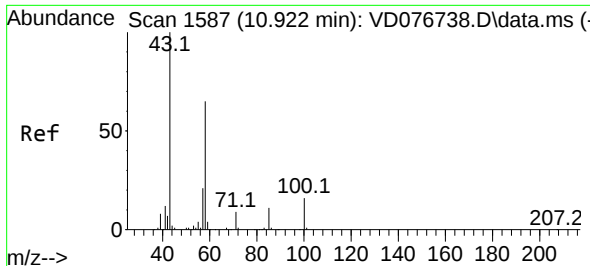
Reviewed By :John
Carlone
07/31/2023
Supervised By :Mahesh
Dadoda
07/31/2023



#58
2-Chloroethyl Vinyl ether
Concen: 241.800 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

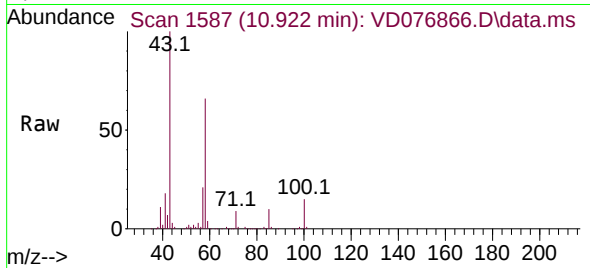
Tgt Ion: 63 Resp: 160996
Ion Ratio Lower Upper
63 100
106 30.4 25.3 37.9





#59
2-Hexanone
Concen: 266.823 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

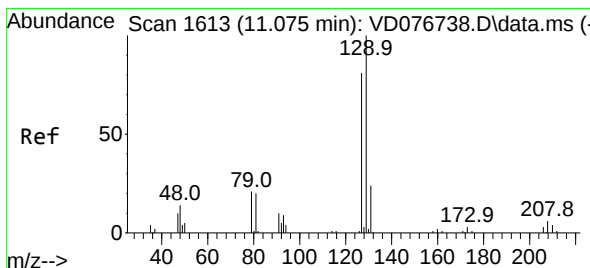
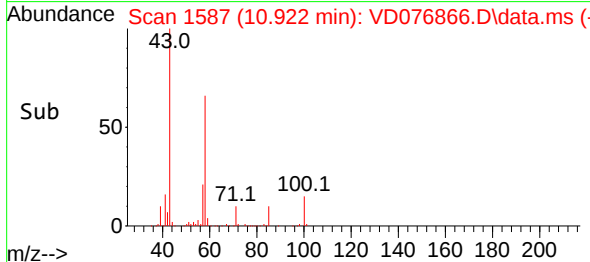
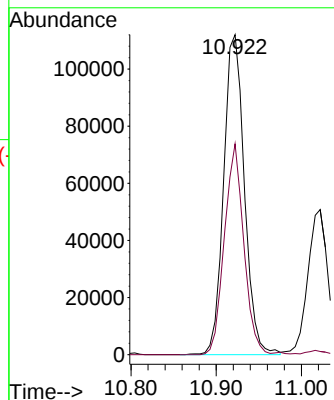
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 189390
Ion Ratio Lower Upper
43 100
58 62.1 34.1 102.2

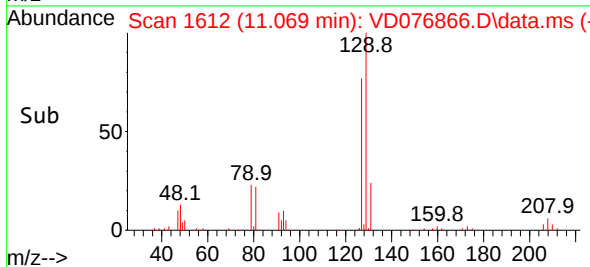
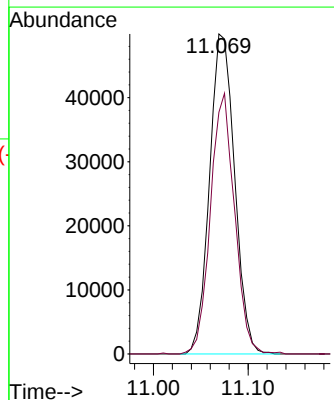
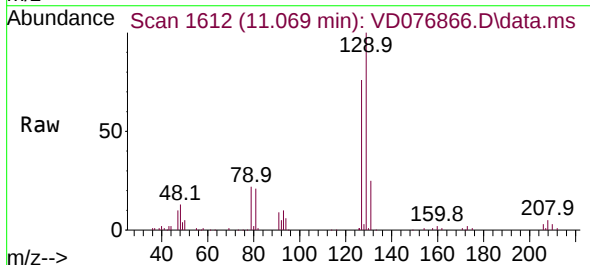
Manual Integrations
APPROVED

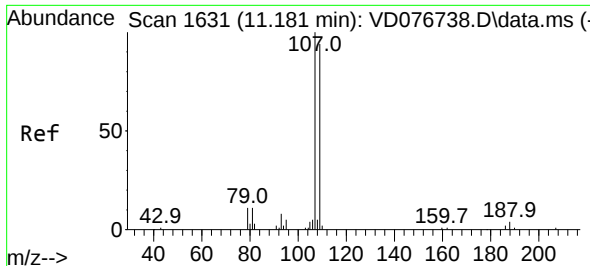
Reviewed By :John
Carlone
07/31/2023
Supervised By :Mahesh
Dadoda
07/31/2023



#60
Dibromochloromethane
Concen: 53.205 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

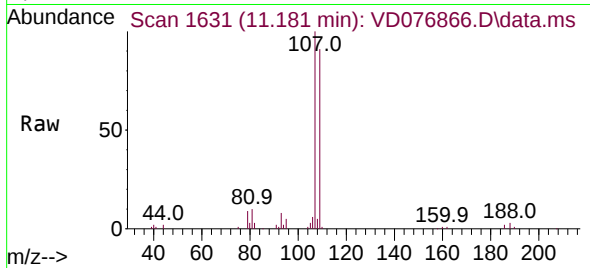
Tgt Ion:129 Resp: 92114
Ion Ratio Lower Upper
129 100
127 78.3 37.1 111.5





#61
1,2-Dibromoethane
Concen: 53.082 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

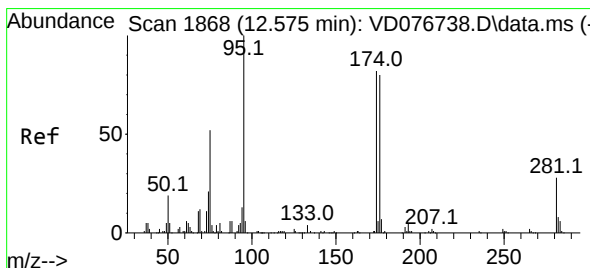
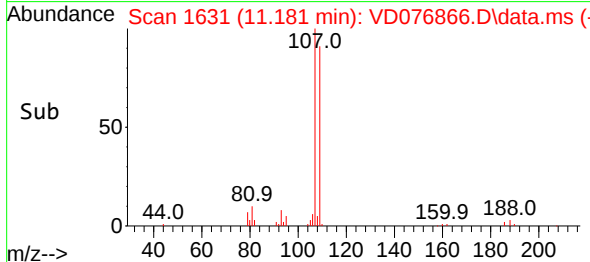
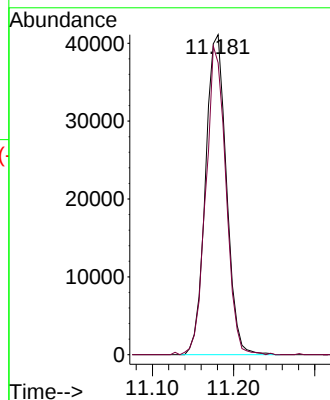
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 7334
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4

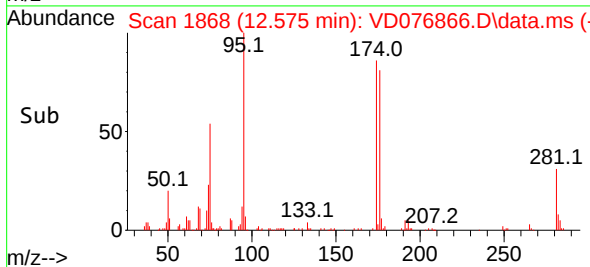
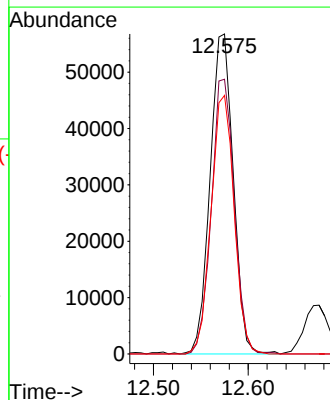
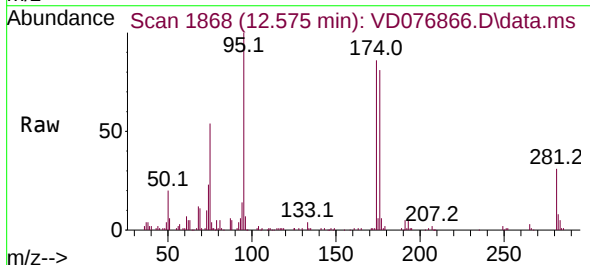
Manual Integrations
APPROVED

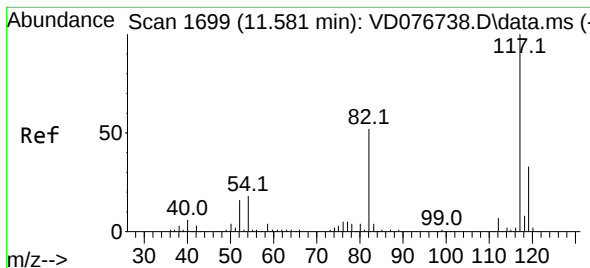
Reviewed By :John
Carlone
07/31/2023
Supervised By :Mahesh
Dadoda
07/31/2023



#62
4-Bromofluorobenzene
Concen: 50.847 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

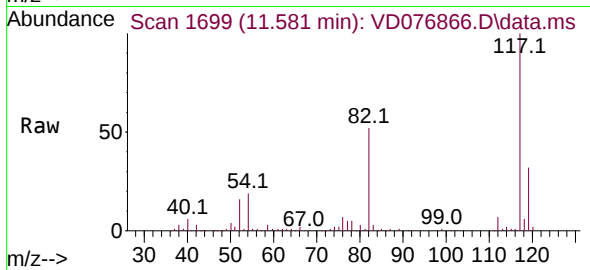
Tgt Ion: 95 Resp: 96401
Ion Ratio Lower Upper
95 100
174 84.6 0.0 201.8
176 80.5 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

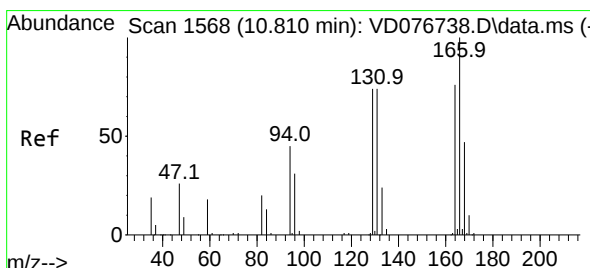
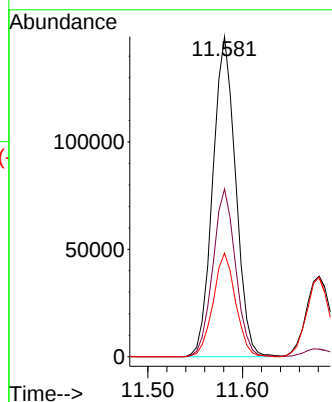
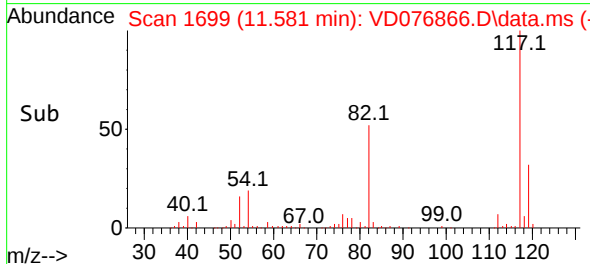


Tgt Ion:117 Resp: 250078
Ion Ratio Lower Upper
117 100
82 52.4 38.3 57.5
119 32.3 25.0 37.4

Manual Integrations
APPROVED

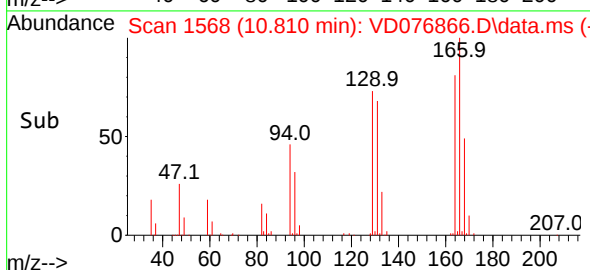
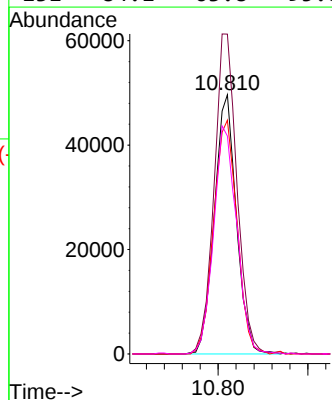
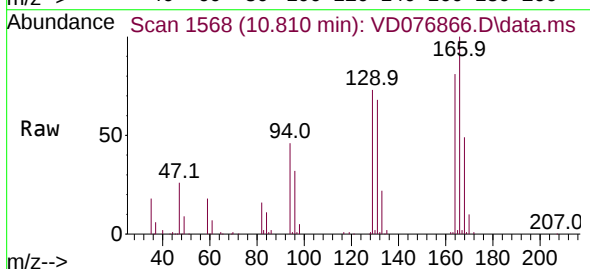
Reviewed By :John
Carlone
07/31/2023

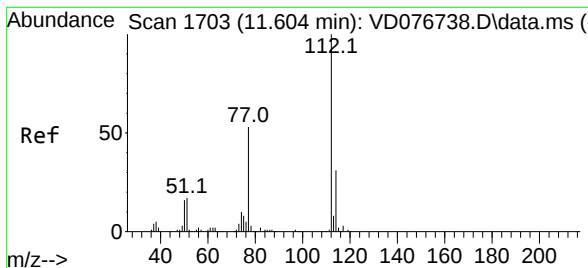
Supervised By :Mahesh
Dadoda
07/31/2023



#64
Tetrachloroethene
Concen: 59.084 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

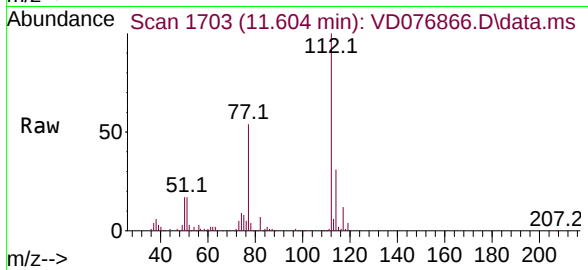
Tgt Ion:164 Resp: 84253
Ion Ratio Lower Upper
164 100
166 123.4 99.2 148.8
129 90.2 68.4 102.6
131 84.1 63.8 95.8





#65
Chlorobenzene
Concen: 48.011 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

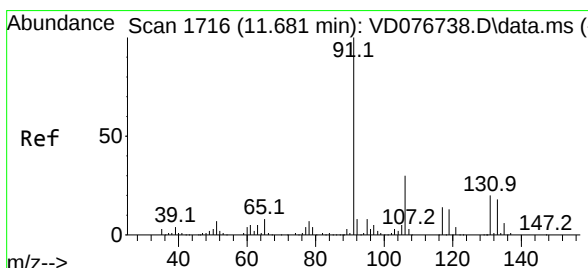
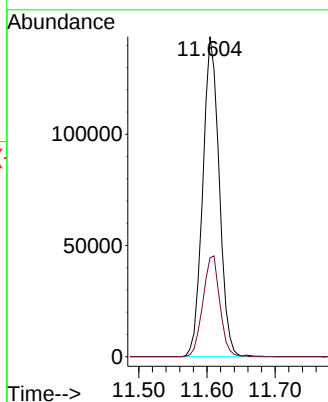
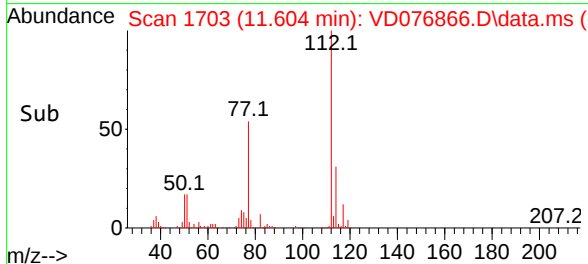
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 241470
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7

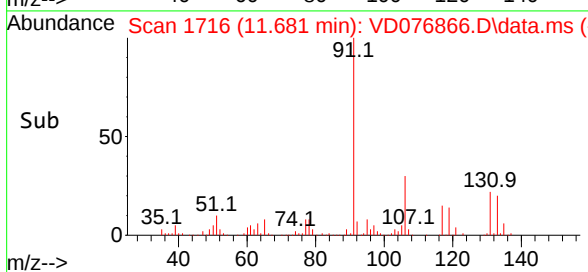
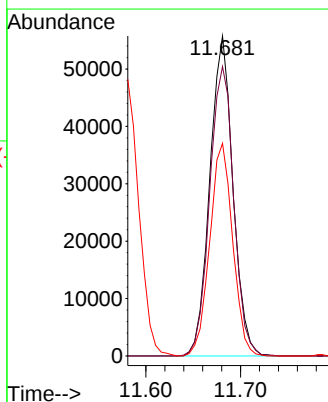
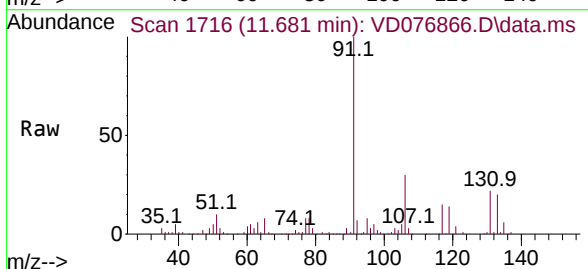
Manual Integrations
APPROVED

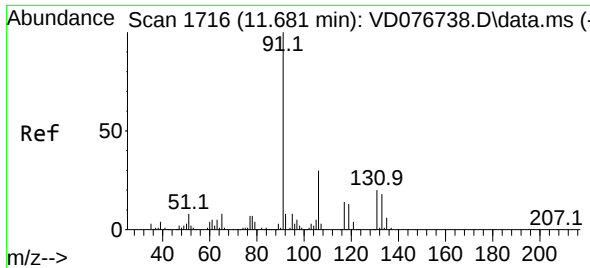
Reviewed By :John
Carlone
07/31/2023
Supervised By :Mahesh
Dadoda
07/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.420 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

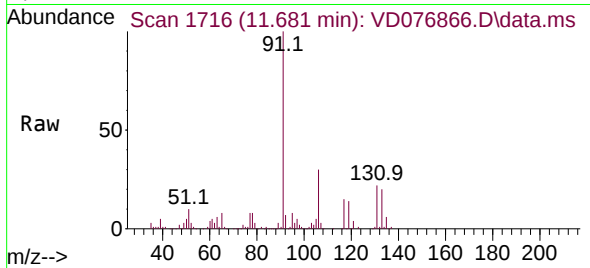
Tgt Ion:131 Resp: 94414
Ion Ratio Lower Upper
131 100
133 94.3 48.5 145.5
119 65.9 35.6 106.9





#67
Ethyl Benzene
Concen: 47.697 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

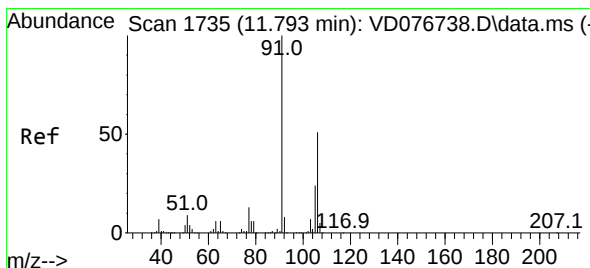
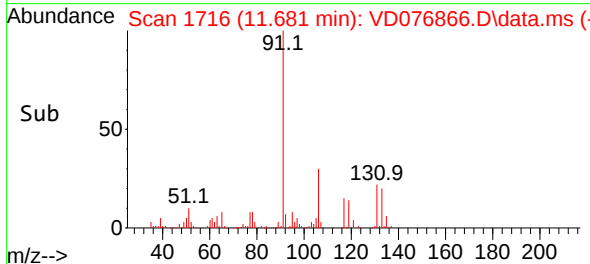
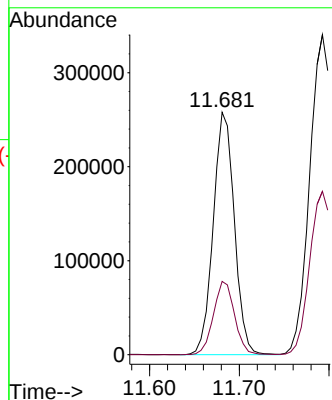


Tgt Ion: 91 Resp: 421308
Ion Ratio Lower Upper
91 100
106 30.2 26.5 39.7

Manual Integrations
APPROVED

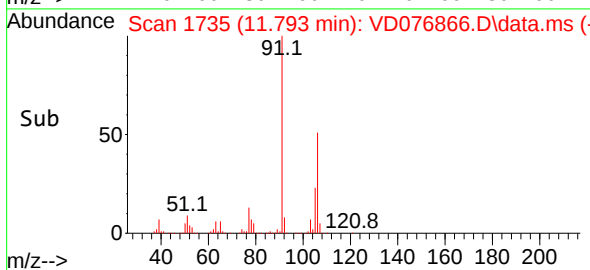
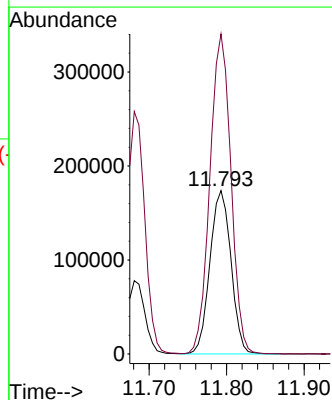
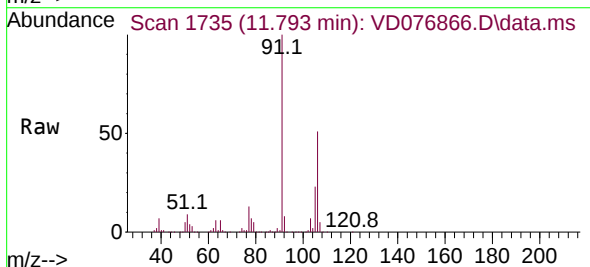
Reviewed By :John
Carlone
07/31/2023

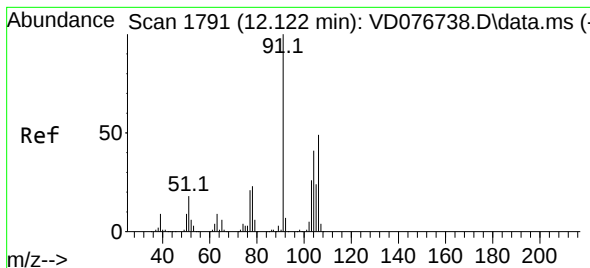
Supervised By :Mahesh
Dadoda
07/31/2023



#68
m/p-Xylenes
Concen: 96.783 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

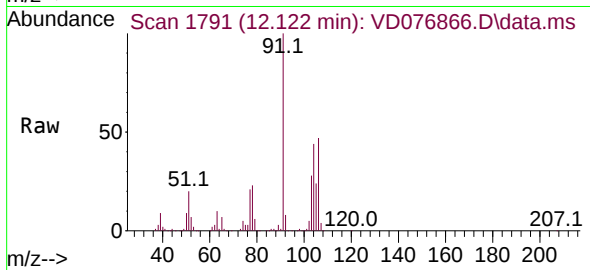
Tgt Ion:106 Resp: 328325
Ion Ratio Lower Upper
106 100
91 195.8 147.0 220.6





#69
o-Xylene
Concen: 48.520 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

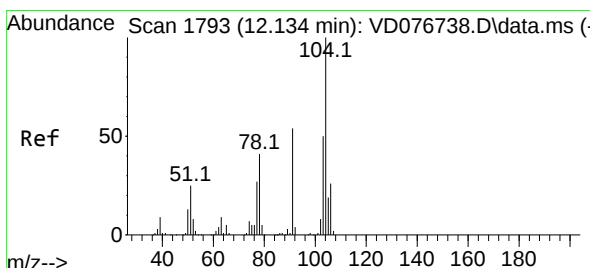
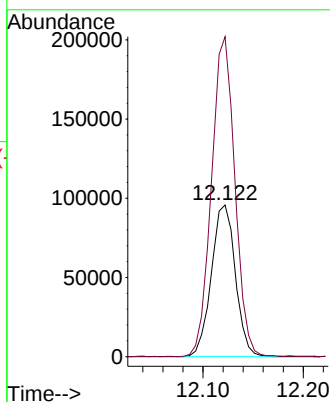
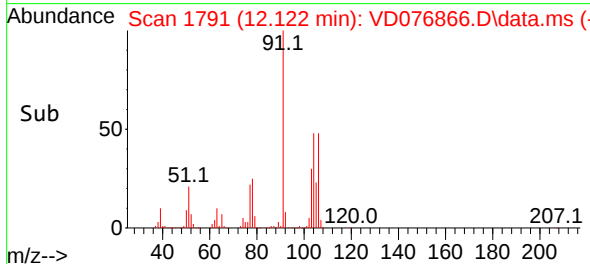
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 159169
Ion Ratio Lower Upper
106 100
91 206.1 97.9 293.6

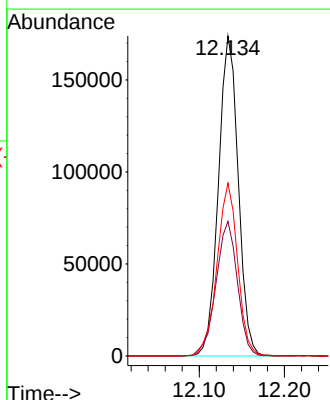
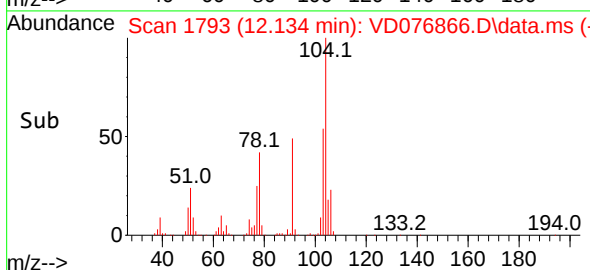
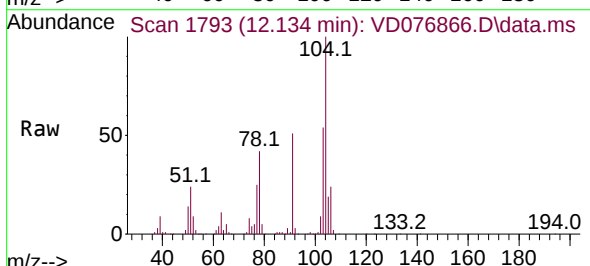
Manual Integrations
APPROVED

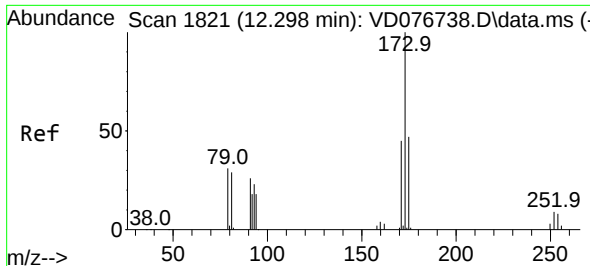
Reviewed By :John
Carlone
07/31/2023
Supervised By :Mahesh
Dadoda
07/31/2023



#70
Styrene
Concen: 48.955 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

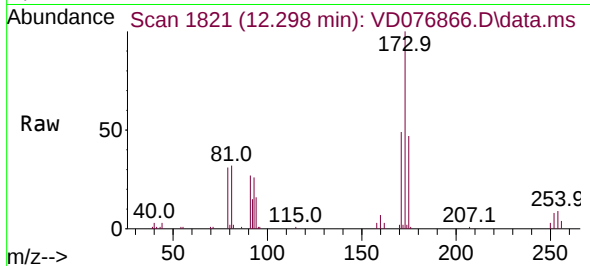
Tgt Ion:104 Resp: 281131
Ion Ratio Lower Upper
104 100
78 45.5 33.2 49.8
103 56.1 43.6 65.4





#71
Bromoform
Concen: 54.564 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

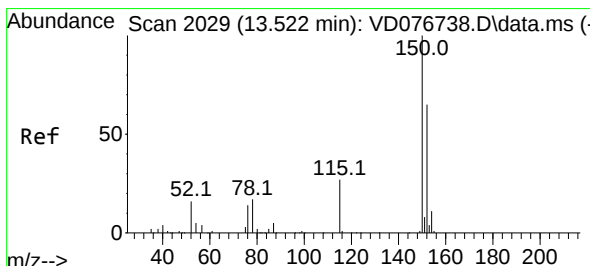
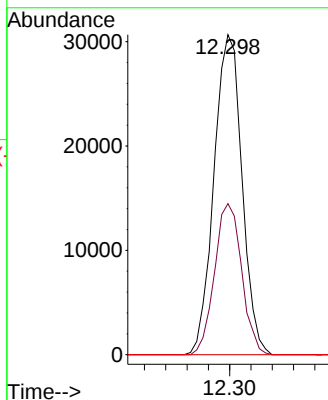
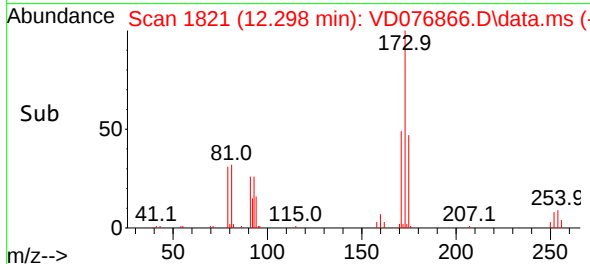


Tgt Ion:173 Resp: 5595
Ion Ratio Lower Upper
173 100
175 45.6 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

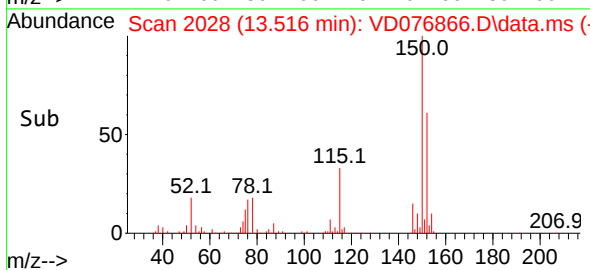
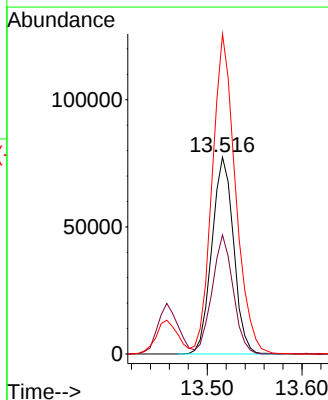
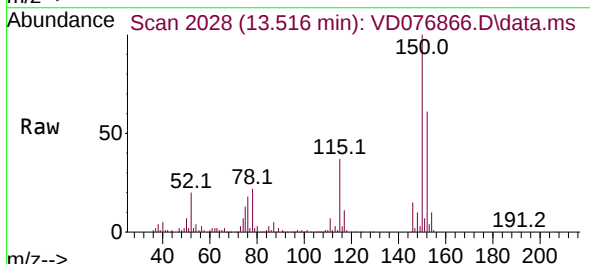
Reviewed By :John
Carlone
07/31/2023

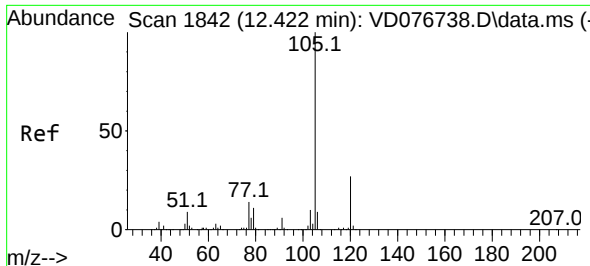
Supervised By :Mahesh
Dadoda
07/31/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

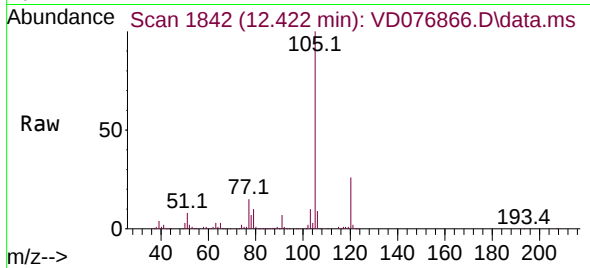
Tgt Ion:152 Resp: 123098
Ion Ratio Lower Upper
152 100
115 58.4 27.1 81.3
150 174.8 0.0 353.6





#73
Isopropylbenzene
Concen: 46.228 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

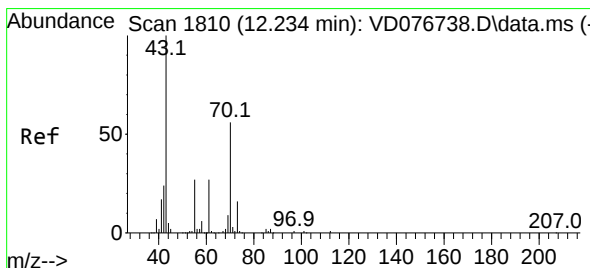
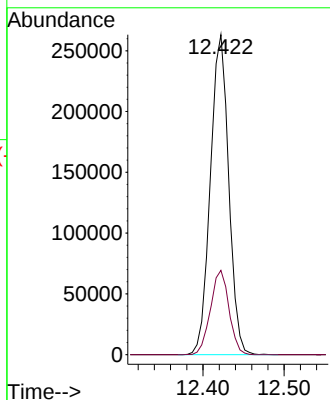
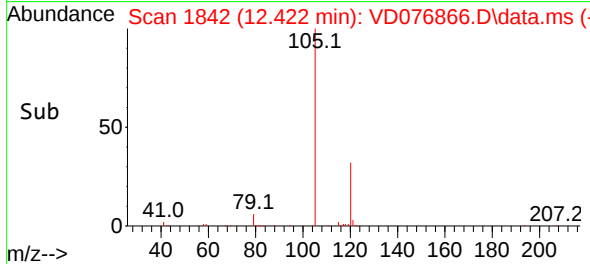


Tgt Ion:105 Resp: 41286
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9

Manual Integrations
APPROVED

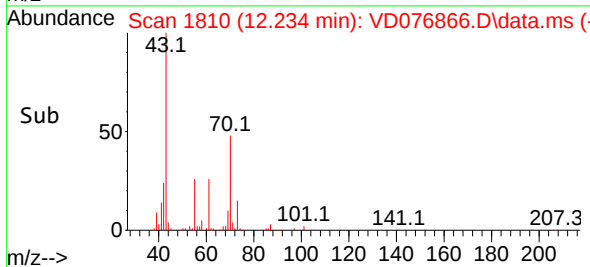
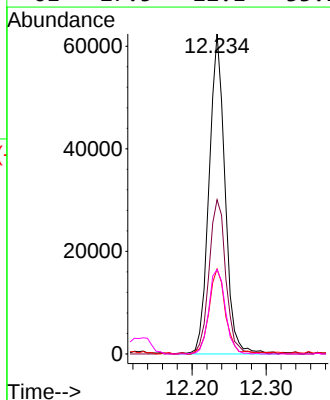
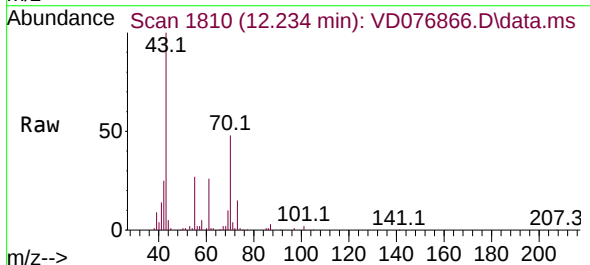
Reviewed By :John
Carlone
07/31/2023

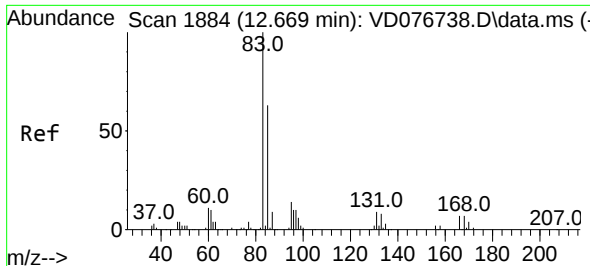
Supervised By :Mahesh
Dadoda
07/31/2023



#74
N-ethyl acetate
Concen: 49.444 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

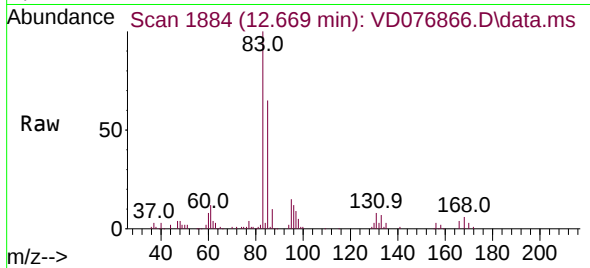
Tgt Ion: 43 Resp: 93028
Ion Ratio Lower Upper
43 100
70 50.8 45.0 67.4
55 27.3 23.8 35.6
61 27.5 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 50.827 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

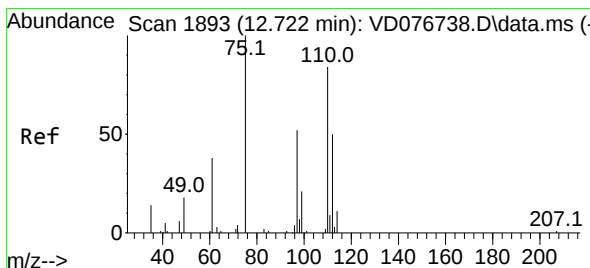
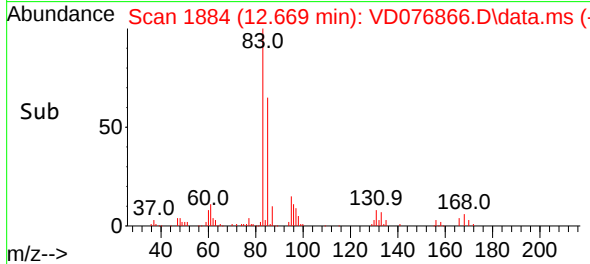
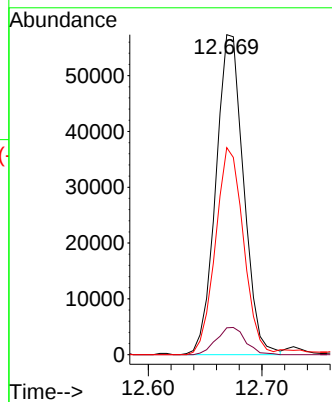


Tgt Ion: 83 Resp: 97463
Ion Ratio Lower Upper
83 100
131 8.9 5.1 15.3
85 65.3 32.6 97.8

Manual Integrations
APPROVED

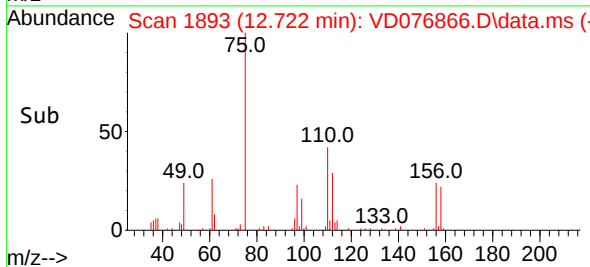
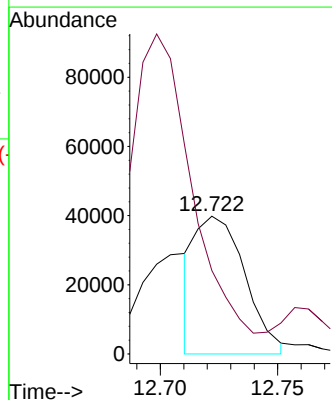
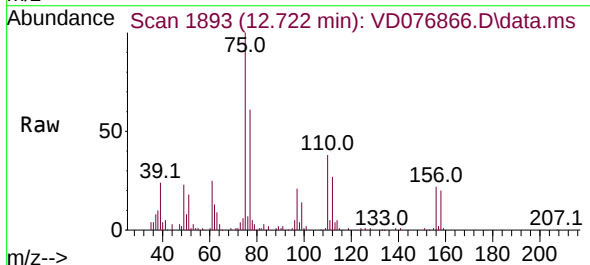
Reviewed By :John
Carlone
07/31/2023

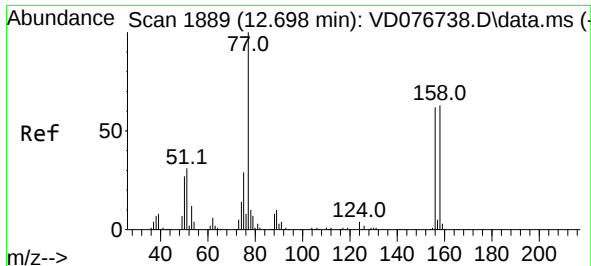
Supervised By :Mahesh
Dadoda
07/31/2023



#76
1,2,3-Trichloropropane
Concen: 50.345 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

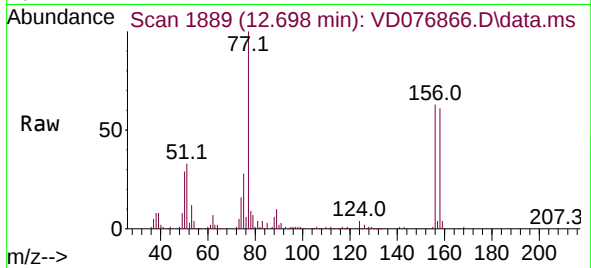
Tgt Ion: 75 Resp: 58936
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.540 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

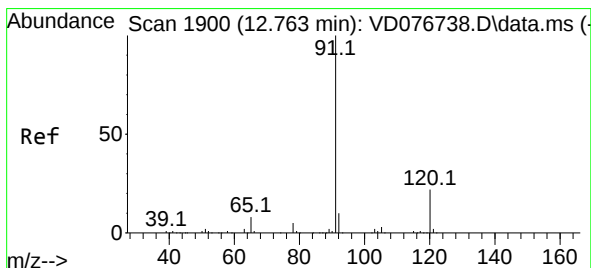
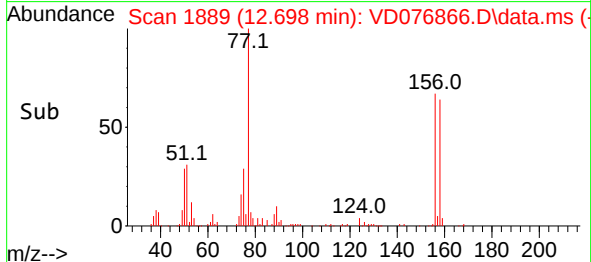
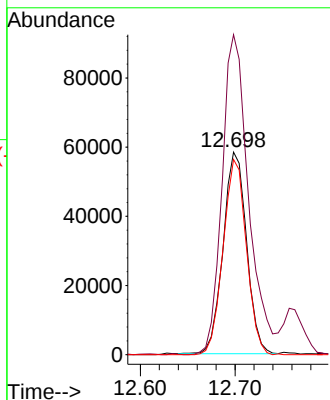


Tgt Ion:156 Resp: 100064
Ion Ratio Lower Upper
156 100
77 178.7 76.8 230.4
158 96.2 48.6 145.9

Manual Integrations
APPROVED

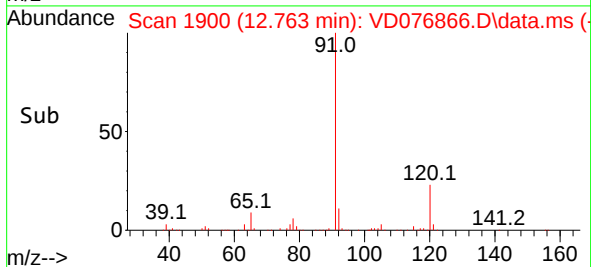
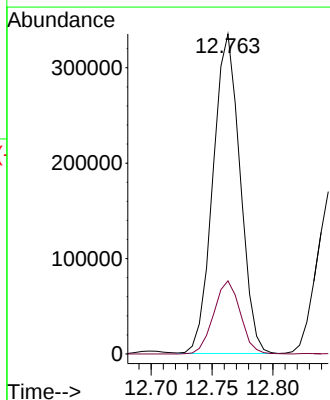
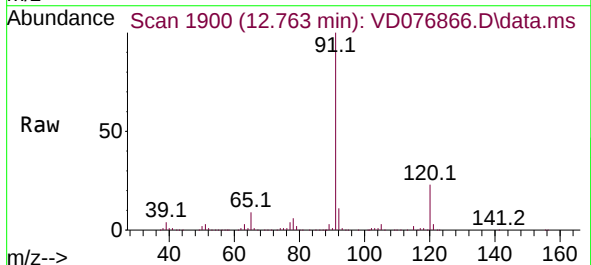
Reviewed By :John
Carlone
07/31/2023

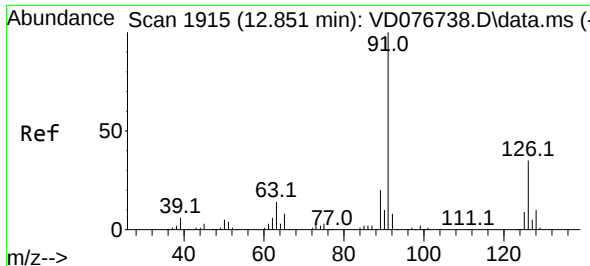
Supervised By :Mahesh
Dadoda
07/31/2023



#78
n-propylbenzene
Concen: 47.880 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

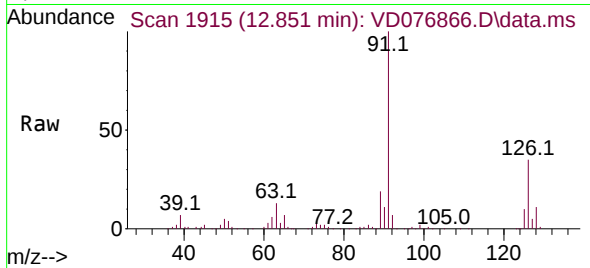
Tgt Ion: 91 Resp: 518406
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2





#79
2-Chlorotoluene
Concen: 48.125 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

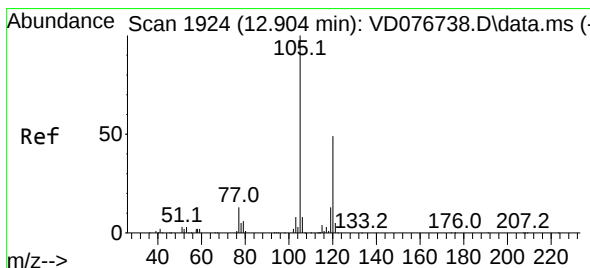
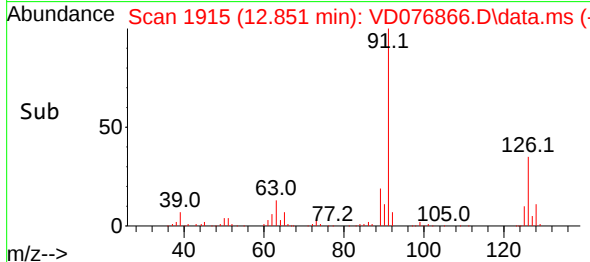
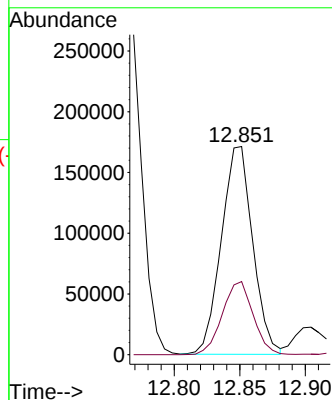


Tgt Ion: 91 Resp: 285704
Ion Ratio Lower Upper
91 100
126 34.5 19.4 58.1

Manual Integrations
APPROVED

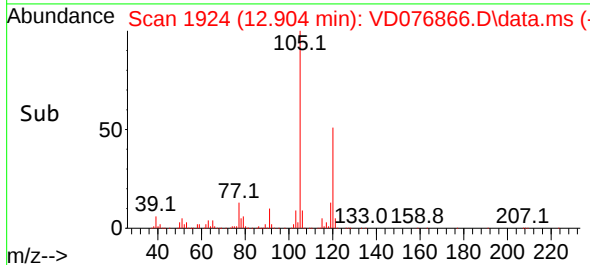
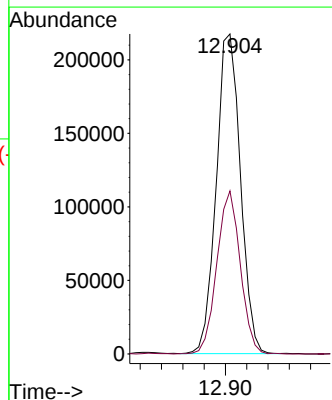
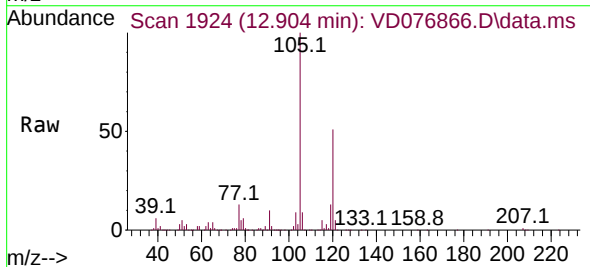
Reviewed By :John
Carlone
07/31/2023

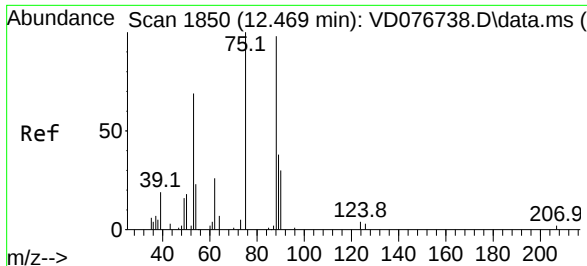
Supervised By :Mahesh
Dadoda
07/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.403 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

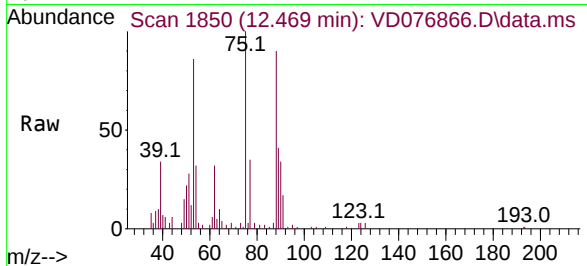
Tgt Ion:105 Resp: 342323
Ion Ratio Lower Upper
105 100
120 49.4 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 43.716 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

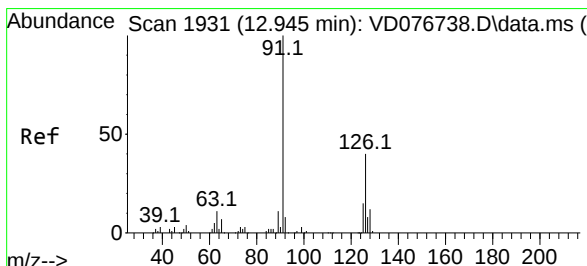
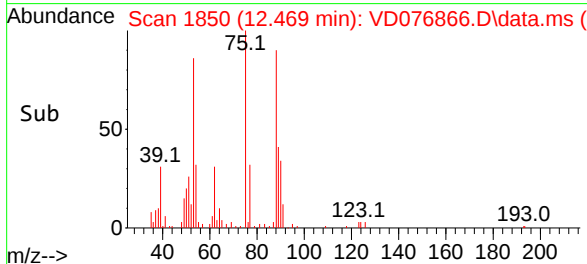
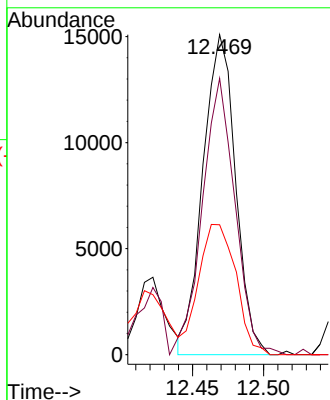


Tgt Ion: 75 Resp: 24040
Ion Ratio Lower Upper
75 100
53 86.6 63.0 94.4
89 46.8 37.9 56.9

Manual Integrations
APPROVED

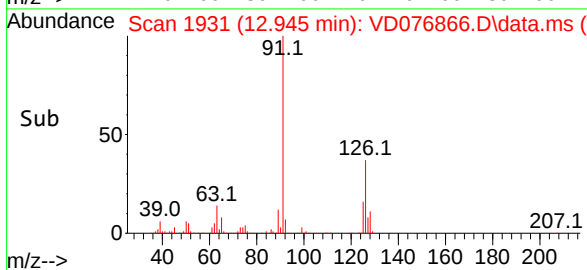
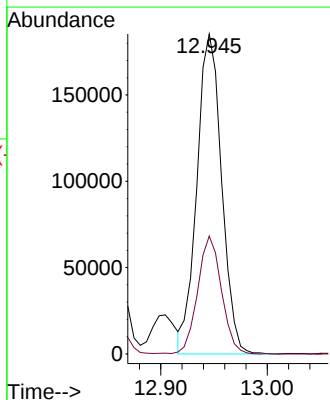
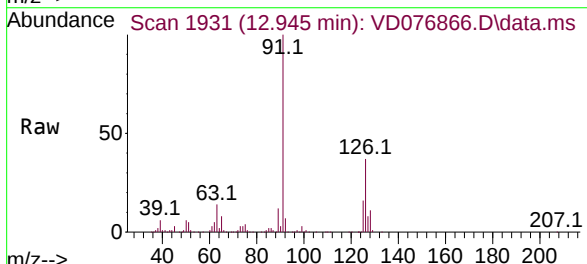
Reviewed By :John
Carlone
07/31/2023

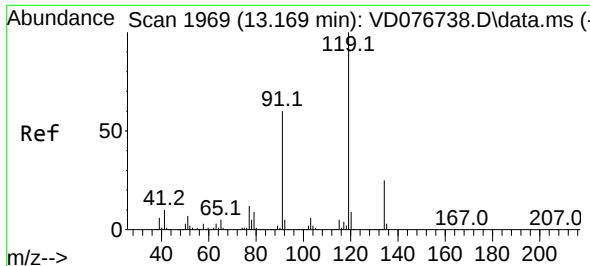
Supervised By :Mahesh
Dadoda
07/31/2023



#82
4-Chlorotoluene
Concen: 48.287 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

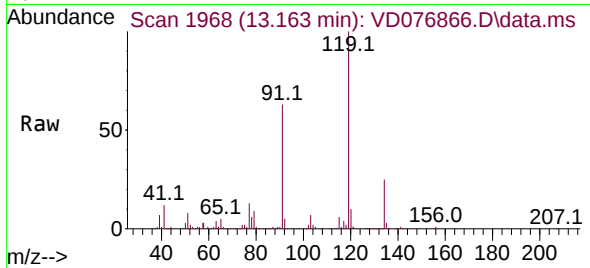
Tgt Ion: 91 Resp: 299474
Ion Ratio Lower Upper
91 100
126 35.4 19.4 58.4





#83
tert-Butylbenzene
Concen: 47.895 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

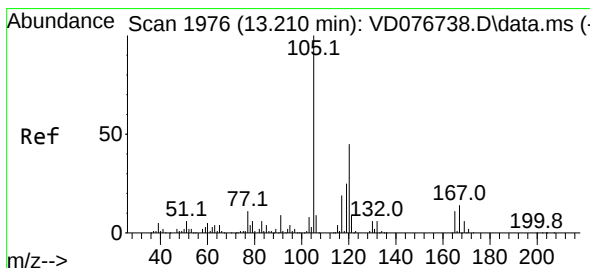
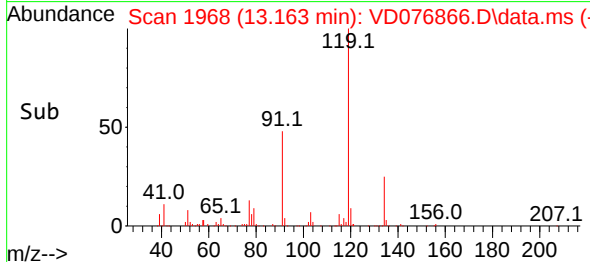
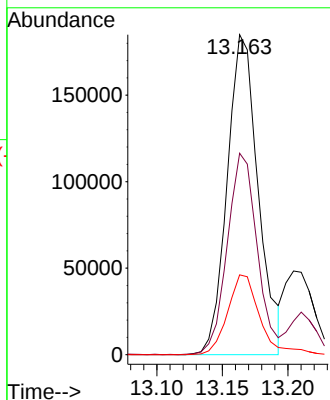


Tgt Ion:119 Resp: 30454
Ion Ratio Lower Upper
119 100
91 60.7 29.3 87.8
134 26.0 14.1 42.3

Manual Integrations
APPROVED

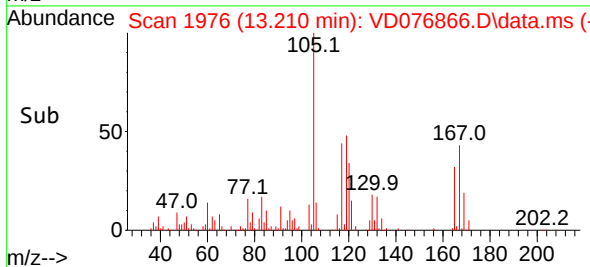
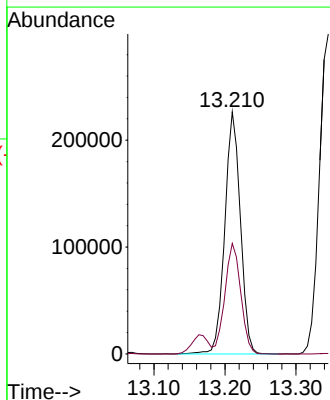
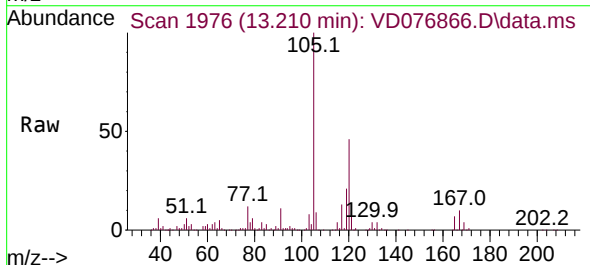
Reviewed By :John
Carlone
07/31/2023

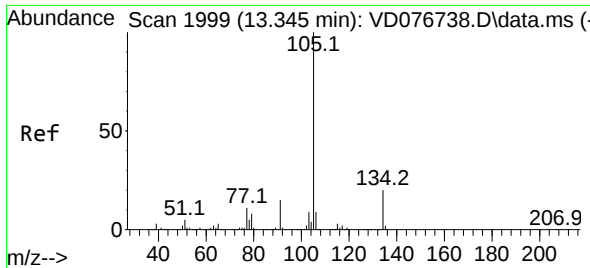
Supervised By :Mahesh
Dadoda
07/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 46.697 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

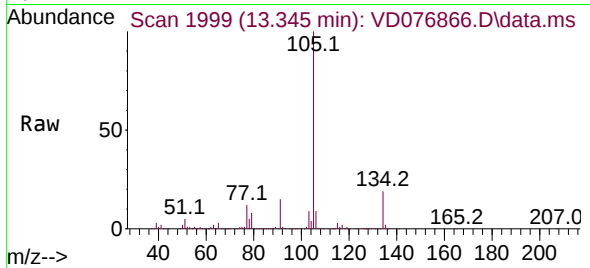
Tgt Ion:105 Resp: 344609
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 47.687 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076866.D
 Acq: 28 Jul 2023 20:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

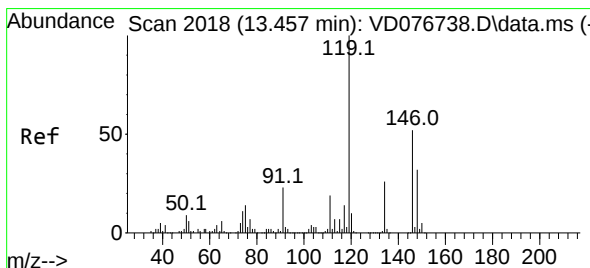
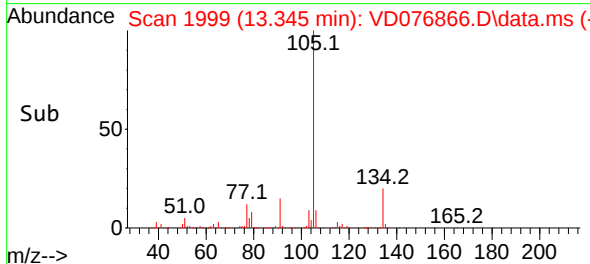
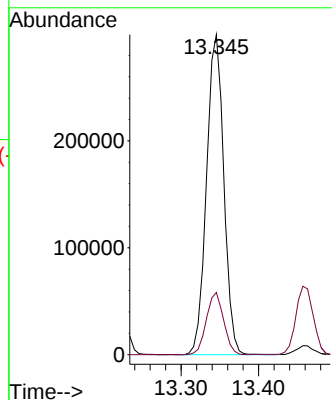


Tgt Ion:105 Resp: 46326
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9

Manual Integrations
 APPROVED

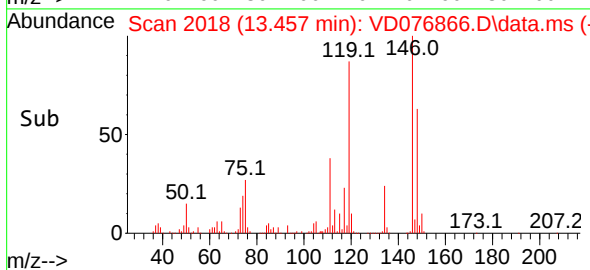
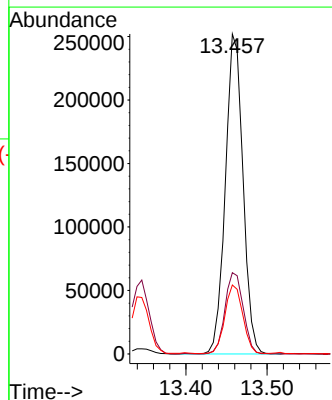
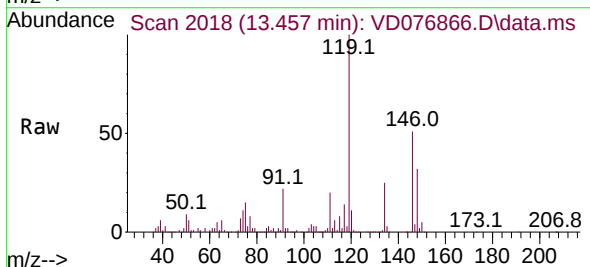
Reviewed By :John
 Carlone
 07/31/2023

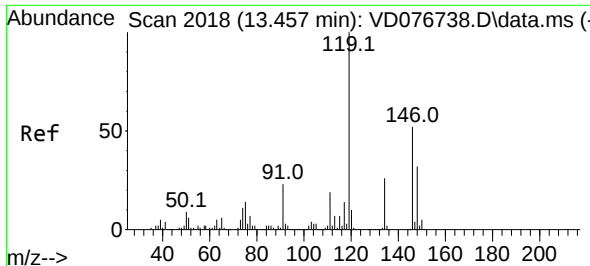
Supervised By :Mahesh
 Dadoda
 07/31/2023



#86
 p-Isopropyltoluene
 Concen: 47.387 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076866.D
 Acq: 28 Jul 2023 20:42

Tgt Ion:119 Resp: 380184
 Ion Ratio Lower Upper
 119 100
 134 26.3 14.2 42.6
 91 21.9 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 47.559 ug/l
RT: 13.457 min Scan# 20165
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

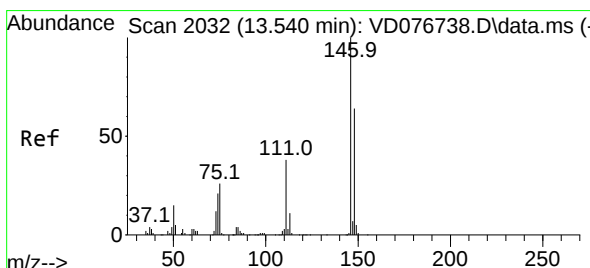
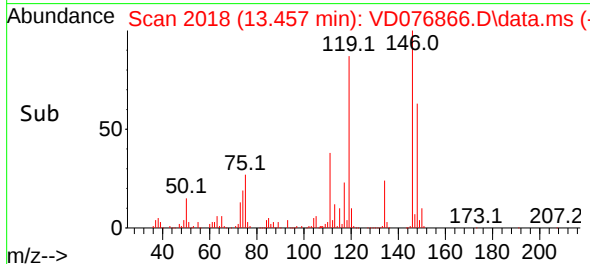
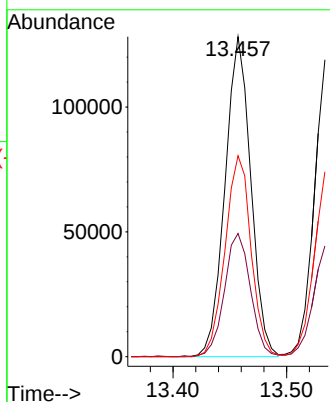
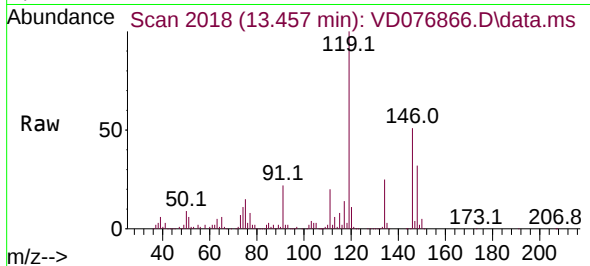
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 20165
Ion Ratio Lower Upper
146 100
111 39.2 17.9 53.8
148 63.5 32.3 96.8

Manual Integrations
APPROVED

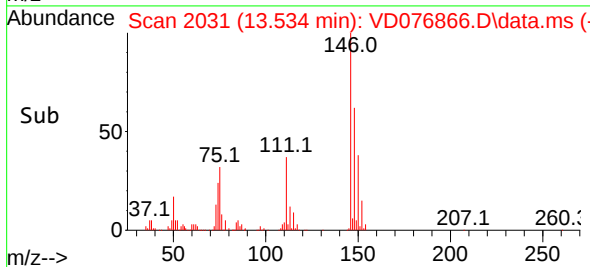
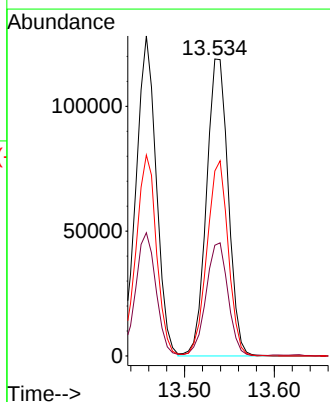
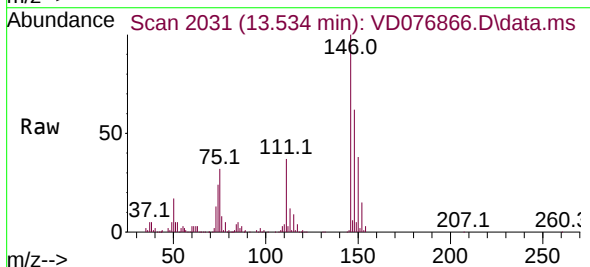
Reviewed By :John
Carlone
07/31/2023

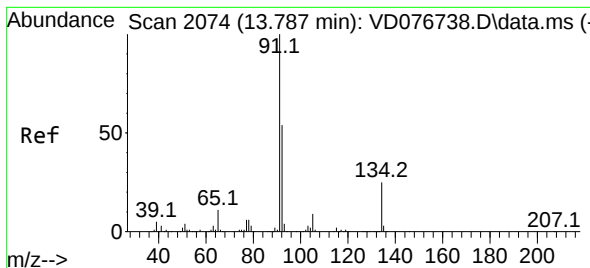
Supervised By :Mahesh
Dadoda
07/31/2023



#88
1,4-Dichlorobenzene
Concen: 48.215 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

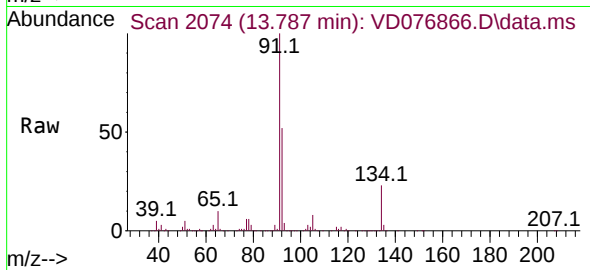
Tgt Ion:146 Resp: 200296
Ion Ratio Lower Upper
146 100
111 38.2 17.4 52.3
148 64.2 31.7 95.1





#89
n-Butylbenzene
Concen: 47.391 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

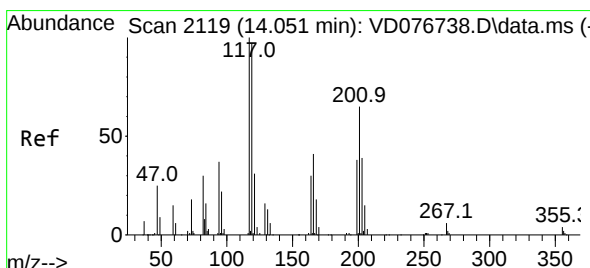
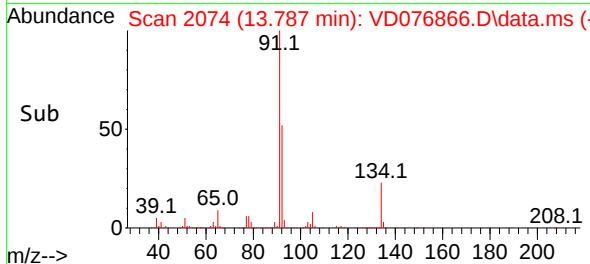
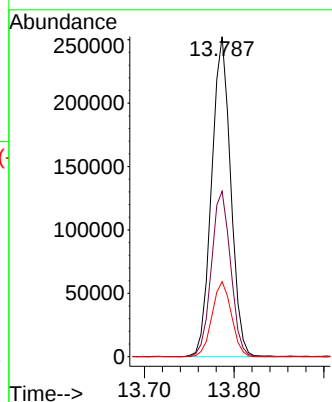


Tgt Ion: 91 Resp: 37205
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.5
134 23.8 13.8 41.3

Manual Integrations
APPROVED

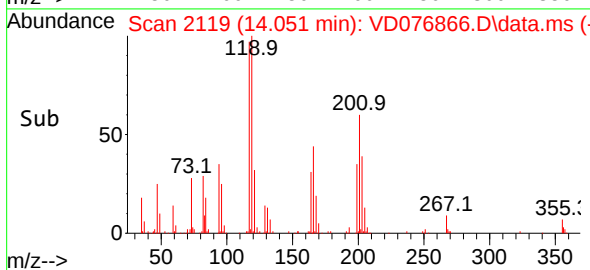
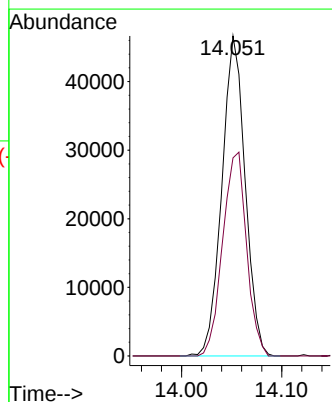
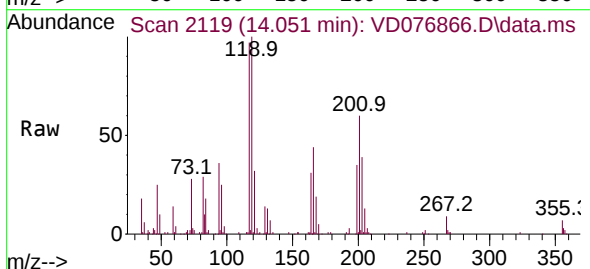
Reviewed By :John
Carlone
07/31/2023

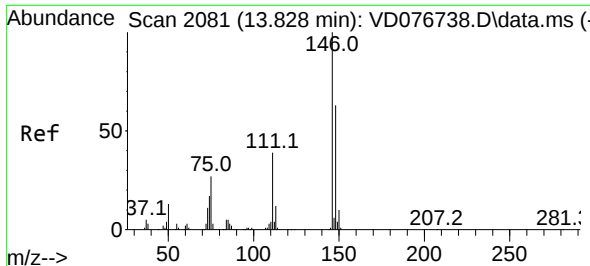
Supervised By :Mahesh
Dadoda
07/31/2023



#90
Hexachloroethane
Concen: 50.671 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

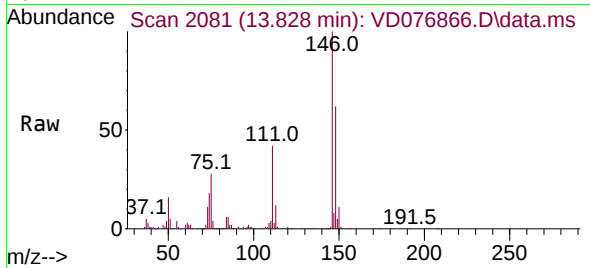
Tgt Ion:117 Resp: 75159
Ion Ratio Lower Upper
117 100
201 65.4 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 48.577 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

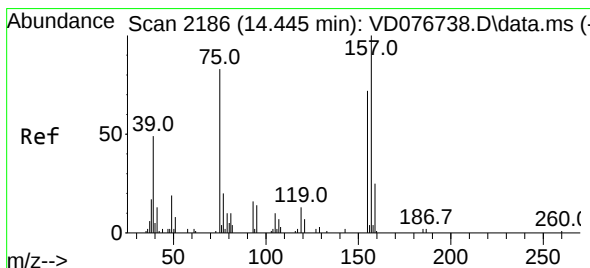
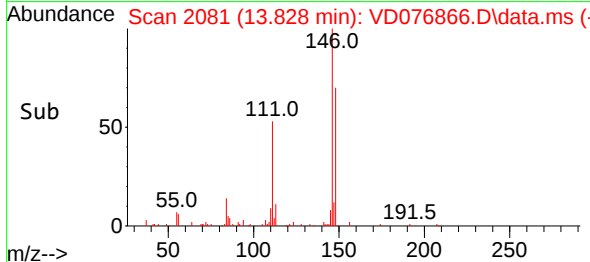
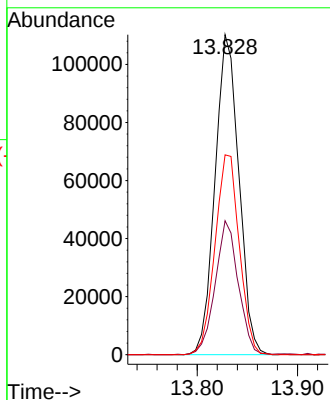


Tgt Ion:146 Resp: 18149
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 63.8 31.6 94.7

Manual Integrations
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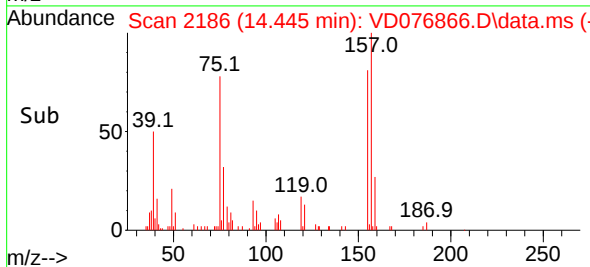
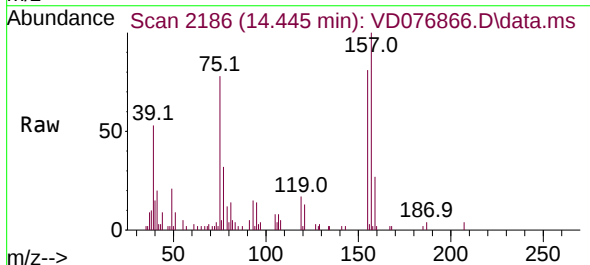
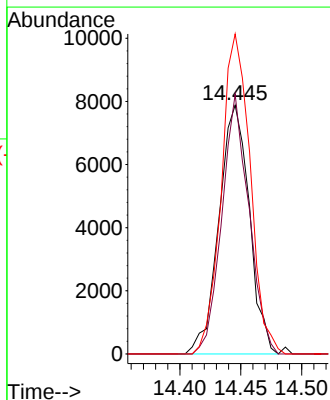
Reviewed By :John
Carlone
07/31/2023

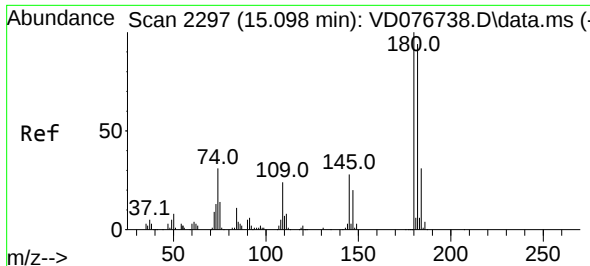
Supervised By :Mahesh
Dadoda
07/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.870 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Tgt Ion: 75 Resp: 13635
Ion Ratio Lower Upper
75 100
155 93.2 47.9 143.8
157 122.4 59.9 179.7





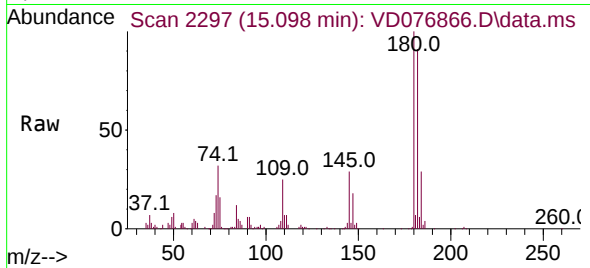
#93
1,2,4-Trichlorobenzene
Concen: 48.150 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 109830
Ion Ratio Lower Upper
180 100
182 94.1 48.5 145.6
145 29.8 14.2 42.6

Manual Integrations
APPROVED

Reviewed By :John

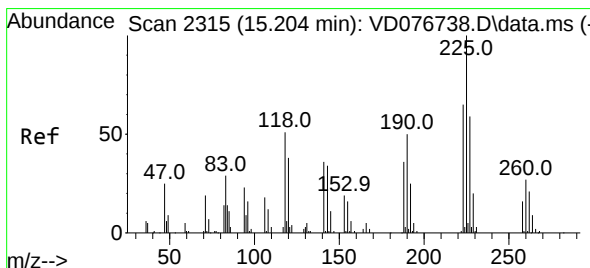
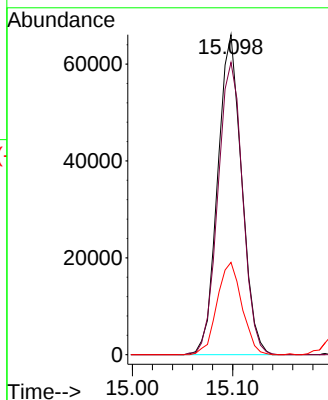
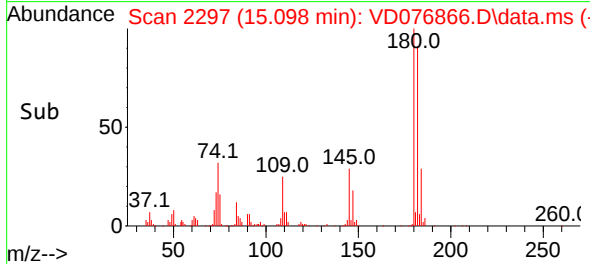
Carlone

07/31/2023

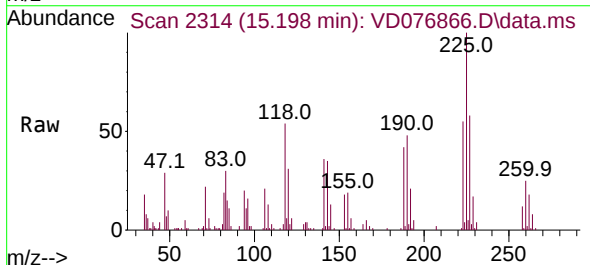
Supervised By :Mahesh

Dadoda

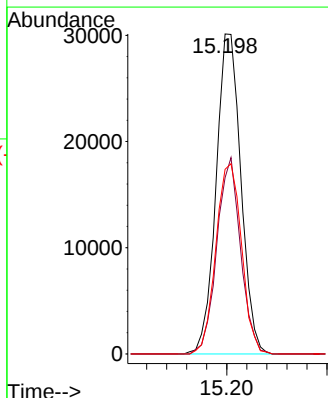
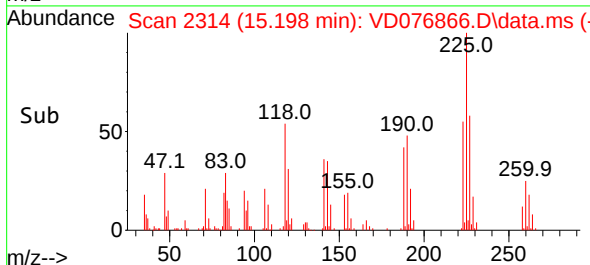
07/31/2023

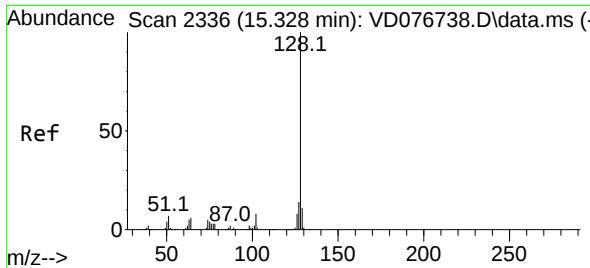


#94
Hexachlorobutadiene
Concen: 47.124 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42



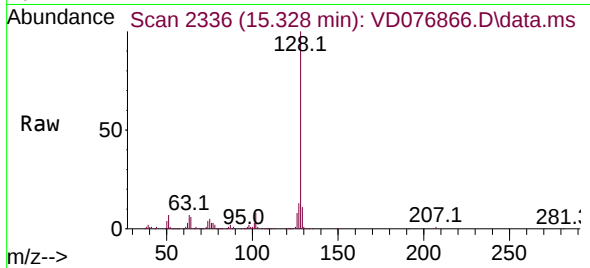
Tgt Ion:225 Resp: 51696
Ion Ratio Lower Upper
225 100
223 58.6 31.6 94.8
227 61.5 31.7 95.1





#95
Naphthalene
Concen: 51.737 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

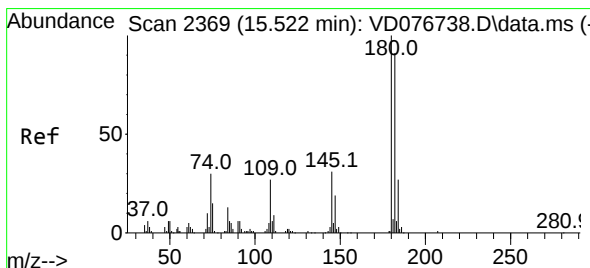
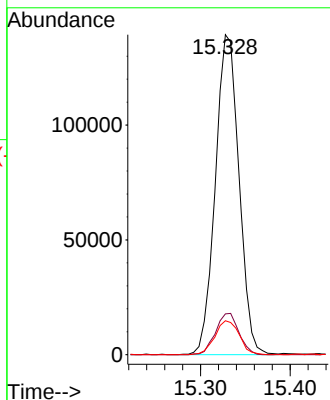
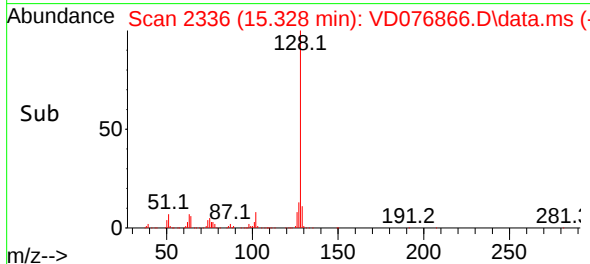


Tgt Ion:128 Resp: 25552
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.6 8.7 13.1

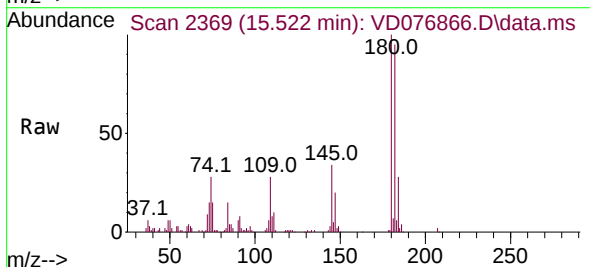
Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/31/2023

Supervised By :Mahesh
Dadoda
07/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.152 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076866.D
Acq: 28 Jul 2023 20:42



Tgt Ion:180 Resp: 100612
Ion Ratio Lower Upper
180 100
182 93.3 47.3 141.9
145 31.6 15.1 45.3

