

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077789.D
 Acq On : 08 Dec 2023 13:22
 Operator : JC/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

Quant Time: Dec 08 13:35:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	162884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	276078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	250591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	125774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	36843	19.196	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.400%	#	
35) Dibromofluoromethane	7.810	113	36478	18.863	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	37.720%	#	
50) Toluene-d8	10.275	98	148700	19.199	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.400%	#	
62) 4-Bromofluorobenzene	12.574	95	44049	19.022	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	38.040%	#	
						Qvalue
2) Dichlorodifluoromethane	1.940	85	42409	20.843	ug/l	96
3) Chloromethane	2.151	50	57910	20.880	ug/l	95
4) Vinyl Chloride	2.293	62	72973	19.382	ug/l	96
5) Bromomethane	2.698	94	39079	18.497	ug/l	98
6) Chloroethane	2.846	64	50003	19.480	ug/l	99
7) Trichlorofluoromethane	3.187	101	71014	20.479	ug/l	96
8) Diethyl Ether	3.598	74	19555	20.083	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.981	101	39054	19.687	ug/l	98
10) Methyl Iodide	4.169	142	20286	16.836	ug/l	91
11) Tert butyl alcohol	5.057	59	10498	107.138	ug/l #	84
12) 1,1-Dichloroethene	3.945	96	38473	19.650	ug/l #	77
13) Acrolein	3.798	56	17261	85.016	ug/l	99
14) Allyl chloride	4.569	41	53578	19.897	ug/l #	90
15) Acrylonitrile	5.257	53	41768	100.187	ug/l	97
16) Acetone	4.022	43	60191	129.954	ug/l #	78
17) Carbon Disulfide	4.281	76	128758	19.438	ug/l	95
18) Methyl Acetate	4.575	43	29287	19.375	ug/l #	87
19) Methyl tert-butyl Ether	5.328	73	80225	19.313	ug/l #	89
20) Methylene Chloride	4.804	84	51587	19.766	ug/l	90
21) trans-1,2-Dichloroethene	5.322	96	43721	19.715	ug/l #	80
22) Diisopropyl ether	6.222	45	110356	19.611	ug/l #	91
23) Vinyl Acetate	6.157	43	270553	98.454	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	74997	19.680	ug/l	96
25) 2-Butanone	7.081	43	62814	110.687	ug/l #	75
26) 2,2-Dichloropropane	7.081	77	63280	19.778	ug/l	95
27) cis-1,2-Dichloroethene	7.086	96	46012	19.282	ug/l	88
28) Bromochloromethane	7.439	49	30526	19.824	ug/l #	72
29) Tetrahydrofuran	7.445	42	29960	98.024	ug/l	88
30) Chloroform	7.604	83	71718	18.804	ug/l	97
31) Cyclohexane	7.875	56	67751	19.846	ug/l	88
32) 1,1,1-Trichloroethane	7.798	97	65643	19.524	ug/l	98
36) 1,1-Dichloropropene	8.016	75	60681	19.617	ug/l	95
37) Ethyl Acetate	7.175	43	22890	18.978	ug/l #	95
38) Carbon Tetrachloride	7.998	117	58406	18.940	ug/l	97
39) Methylcyclohexane	9.275	83	70829	19.315	ug/l #	86
40) Benzene	8.251	78	166790	18.998	ug/l	99

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Quant Title : SW846 8260

QLast Update : Fri Dec 08 13:33:18 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	12737	20.777	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	44861	19.713	ug/l	93
43) Isopropyl Acetate	8.363	43	40771	19.016	ug/l #	91
44) Trichloroethene	9.028	130	44352	19.386	ug/l	98
45) 1,2-Dichloropropane	9.304	63	41550	19.468	ug/l	96
46) Dibromomethane	9.404	93	21228	18.798	ug/l	93
47) Bromodichloromethane	9.586	83	54352	18.989	ug/l	99
48) Methyl methacrylate	9.380	41	22665	18.596	ug/l #	75
49) 1,4-Dioxane	9.386	88	3766	335.857	ug/l #	58
51) 4-Methyl-2-Pentanone	10.163	43	108472	99.130	ug/l	87
52) Toluene	10.333	92	104463	19.182	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	53132	19.330	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	64135	19.299	ug/l #	89
55) 1,1,2-Trichloroethane	10.733	97	29094	18.835	ug/l	94
56) Ethyl methacrylate	10.598	69	26399	19.388	ug/l #	85
57) 1,3-Dichloropropane	10.880	76	51097	19.191	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	77529	99.842	ug/l	93
59) 2-Hexanone	10.922	43	95743	105.463	ug/l	87
60) Dibromochloromethane	11.075	129	35177	18.915	ug/l	97
61) 1,2-Dibromoethane	11.180	107	27758	19.091	ug/l	100
64) Tetrachloroethene	10.816	164	35548	19.300	ug/l	96
65) Chlorobenzene	11.610	112	114452	18.193	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.686	131	38561	18.505	ug/l	96
67) Ethyl Benzene	11.686	91	200231	19.192	ug/l	97
68) m/p-Xylenes	11.798	106	152091	38.112	ug/l	91
69) o-Xylene	12.122	106	68859	18.723	ug/l	91
70) Styrene	12.139	104	105320	19.258	ug/l	95
71) Bromoform	12.304	173	21205	19.475	ug/l #	95
73) Isopropylbenzene	12.422	105	183344	19.233	ug/l	97
74) N-amyl acetate	12.233	43	36949	19.718	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.674	83	33070	19.896	ug/l	100
76) 1,2,3-Trichloropropane	12.721	75	20684m	18.935	ug/l	
77) Bromobenzene	12.704	156	41951	18.710	ug/l	87
78) n-propylbenzene	12.763	91	228042	19.632	ug/l	96
79) 2-Chlorotoluene	12.851	91	120981	19.435	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	152010	19.120	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.474	75	10666	19.783	ug/l	98
82) 4-Chlorotoluene	12.951	91	128638	19.767	ug/l	96
83) tert-Butylbenzene	13.169	119	128632	19.164	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	155288	19.528	ug/l	97
85) sec-Butylbenzene	13.345	105	191647	19.316	ug/l	98
86) p-Isopropyltoluene	13.463	119	171343	19.289	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	87761	19.140	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	91384	18.971	ug/l	98
89) n-Butylbenzene	13.792	91	162411	19.431	ug/l	98
90) Hexachloroethane	14.057	117	31292	19.155	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	74839	19.191	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.457	75	4675	18.805	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	50085	18.803	ug/l	97
94) Hexachlorobutadiene	15.204	225	28285	19.692	ug/l	100
95) Naphthalene	15.333	128	86776	19.607	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	43626	19.866	ug/l	100

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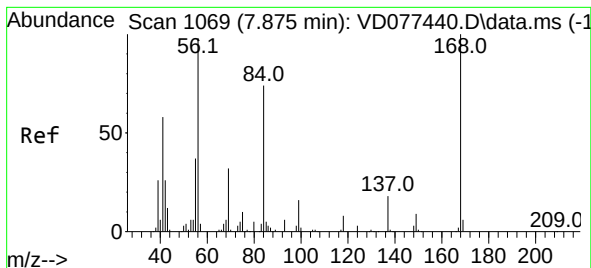
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/11/2023

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Response via : Initial Calibration

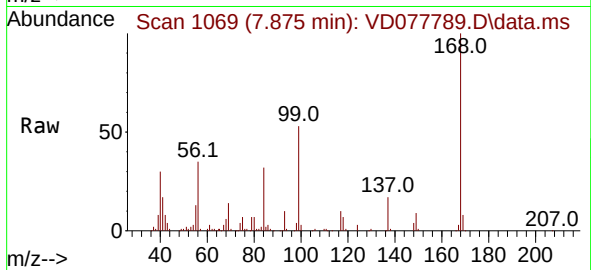
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077789.D
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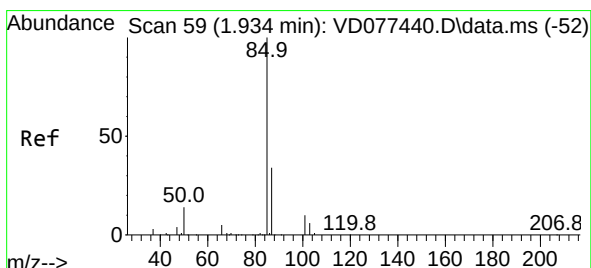
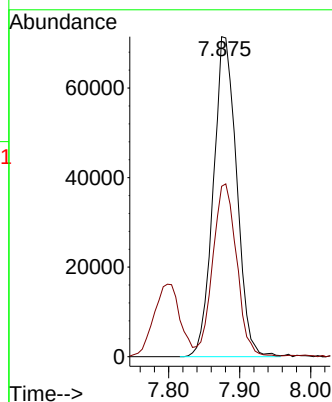
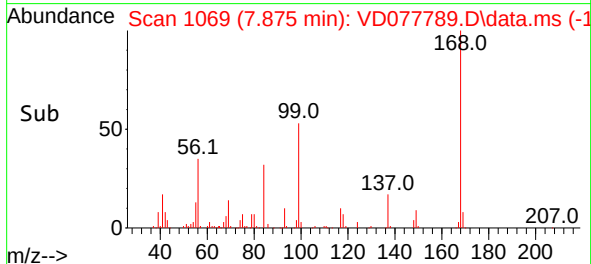
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 162884
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1

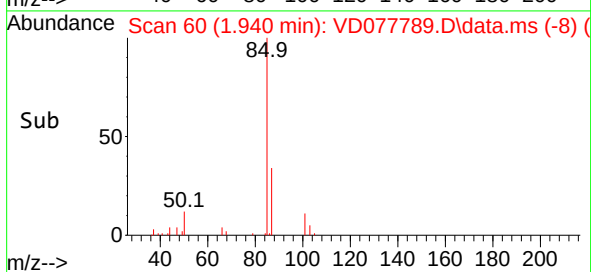
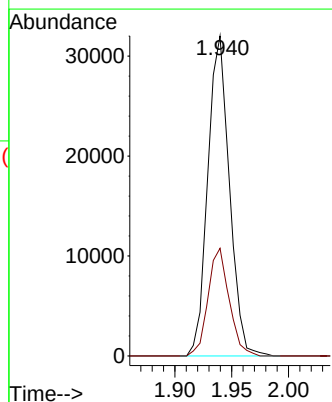
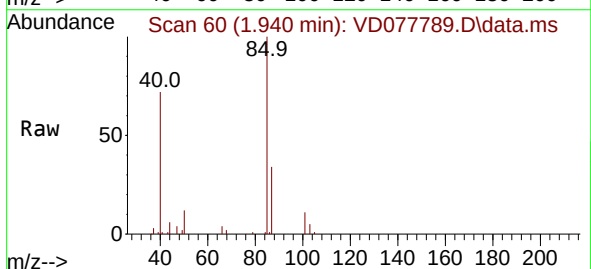
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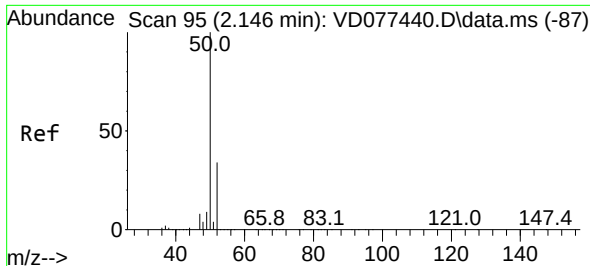
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#2
Dichlorodifluoromethane
Concen: 20.843 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 85 Resp: 42409
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0





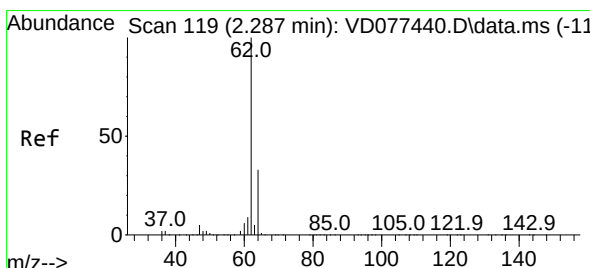
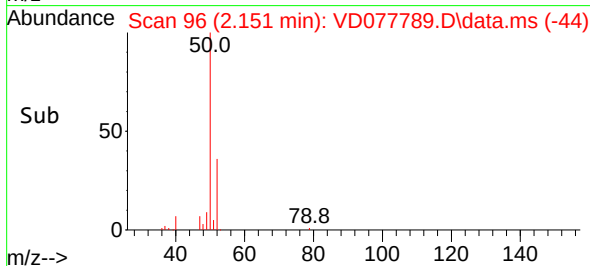
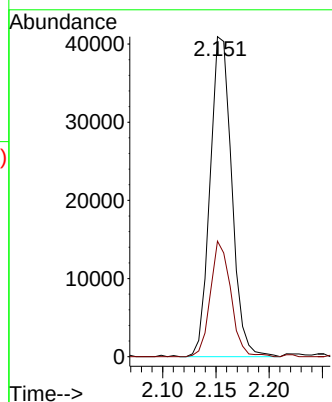
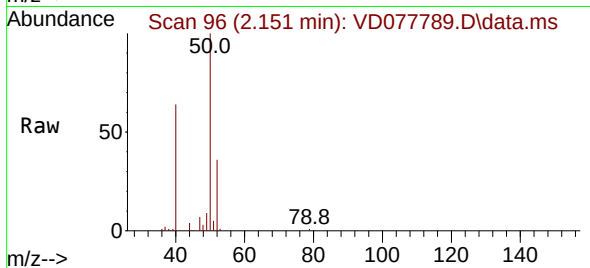
#3
Chloromethane
Concen: 20.880 ug/l
RT: 2.151 min Scan# 90
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 57910
Ion Ratio Lower Upper
50 100
52 36.1 26.6 40.0

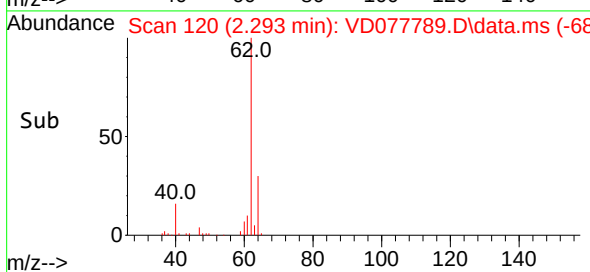
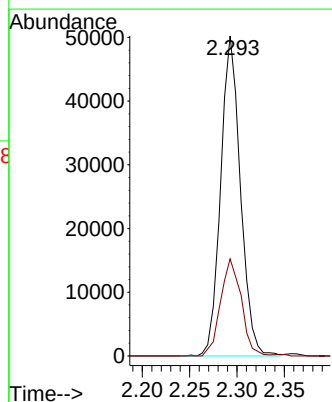
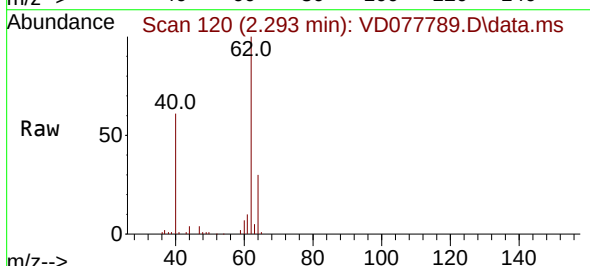
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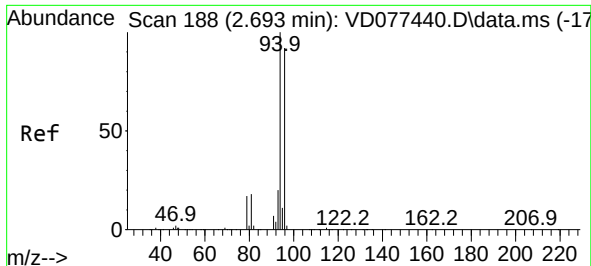
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#4
Vinyl Chloride
Concen: 19.382 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

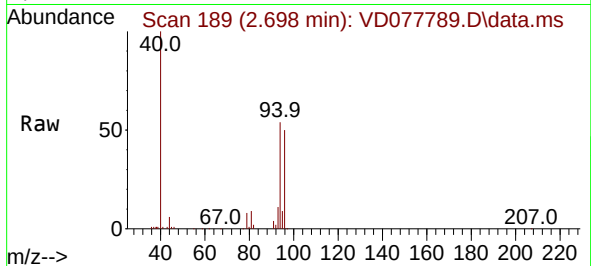
Tgt Ion: 62 Resp: 72973
Ion Ratio Lower Upper
62 100
64 30.4 26.0 39.0





#5
Bromomethane
Concen: 18.497 ug/l
RT: 2.698 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

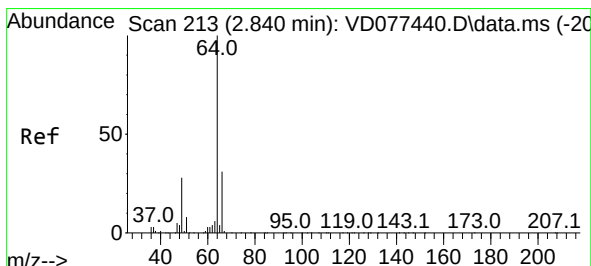
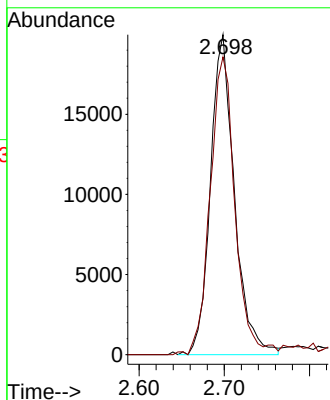
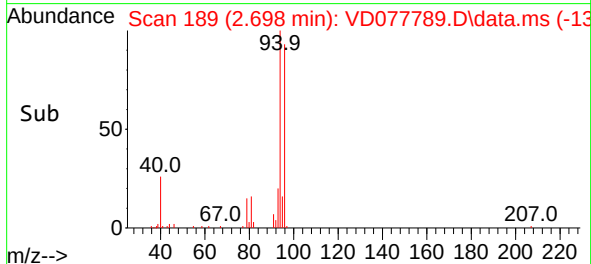
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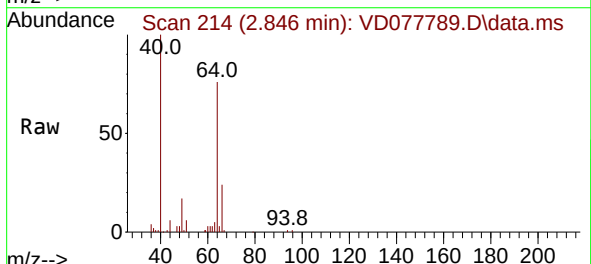
Tgt Ion: 94 Resp: 39079
Ion Ratio Lower Upper
94 100
96 96.4 75.8 113.8

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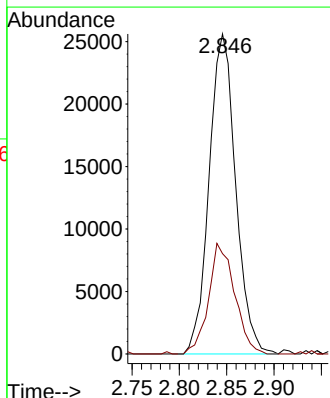
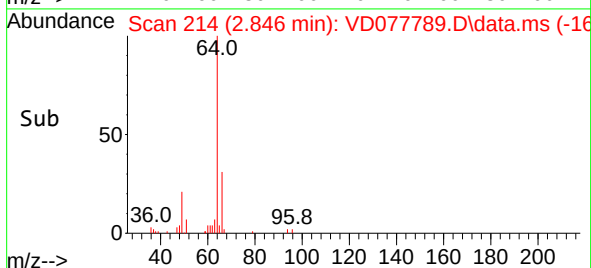
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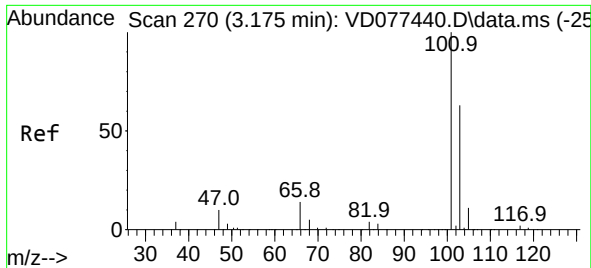


#6
Chloroethane
Concen: 19.480 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22



Tgt Ion: 64 Resp: 50003
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3





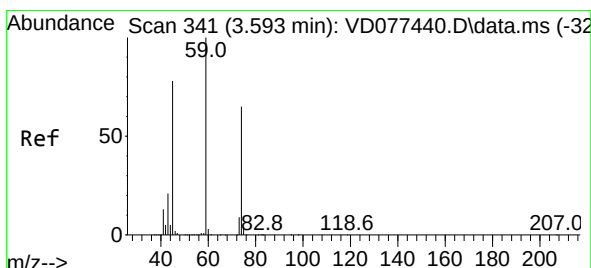
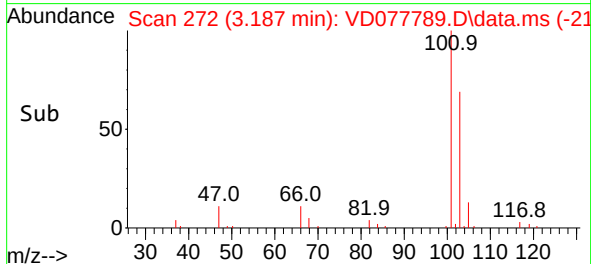
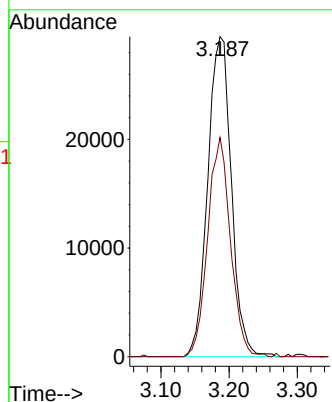
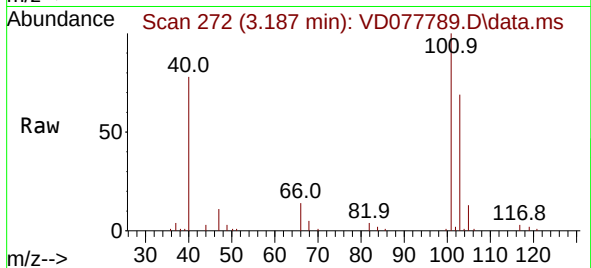
#7
Trichlorofluoromethane
Concen: 20.479 ug/l
RT: 3.187 min Scan# 214
Delta R.T. 0.012 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 71014
Ion Ratio Lower Upper
101 100
103 68.5 52.3 78.5

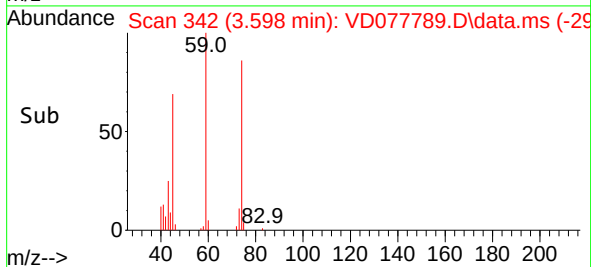
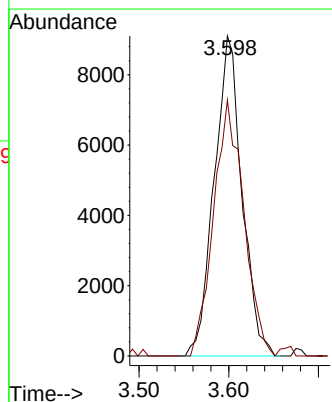
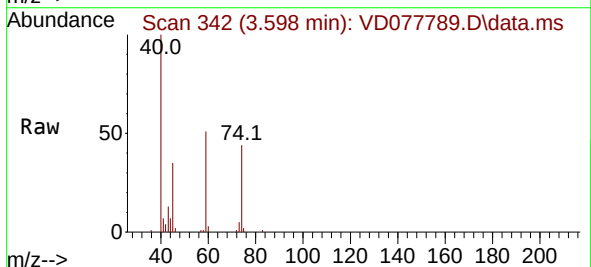
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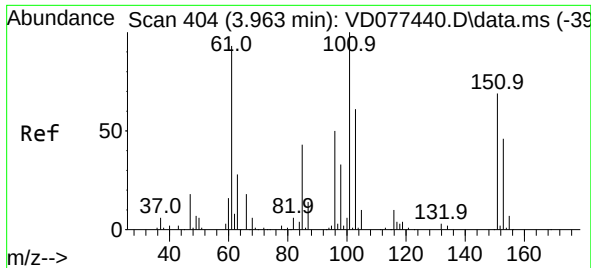
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#8
Diethyl Ether
Concen: 20.083 ug/l
RT: 3.598 min Scan# 342
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 74 Resp: 19555
Ion Ratio Lower Upper
74 100
45 87.0 37.5 112.7





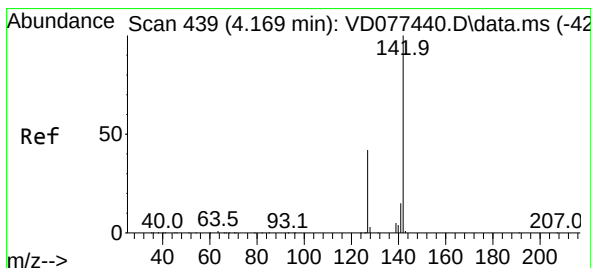
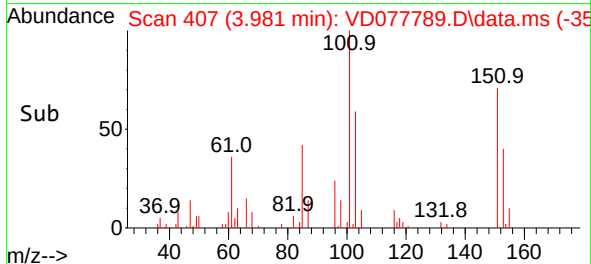
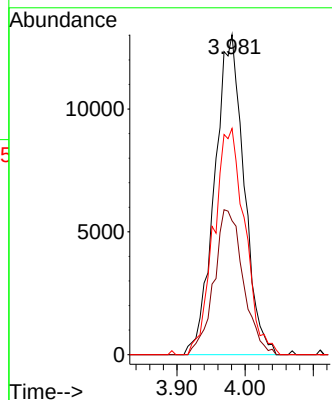
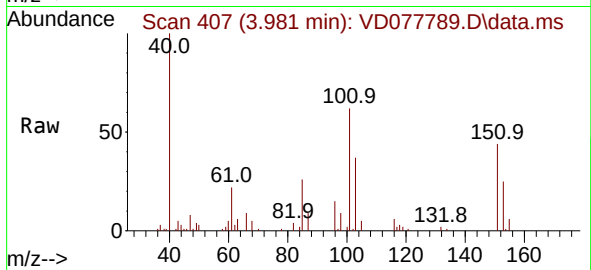
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.687 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 39054
Ion Ratio Lower Upper
101 100
85 45.0 33.8 50.6
151 75.0 59.8 89.6

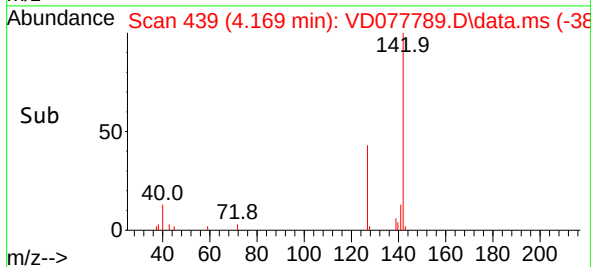
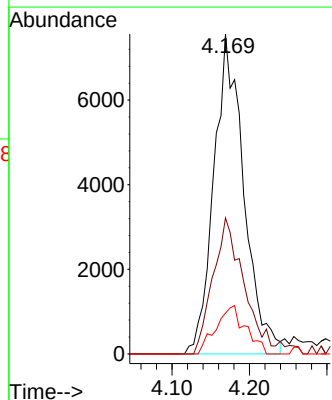
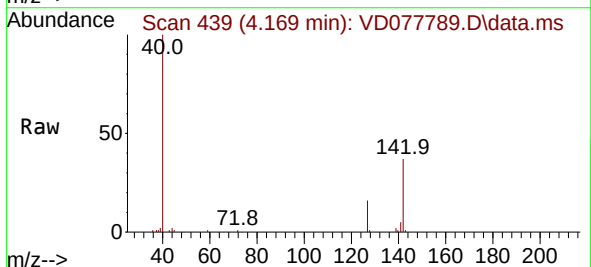
Manual Integrations
APPROVED

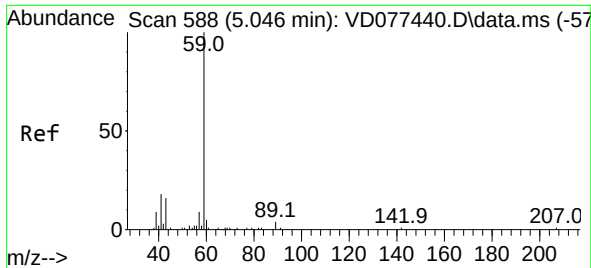
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#10
Methyl Iodide
Concen: 16.836 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:142 Resp: 20286
Ion Ratio Lower Upper
142 100
127 43.7 29.4 44.0
141 14.9 11.1 16.7





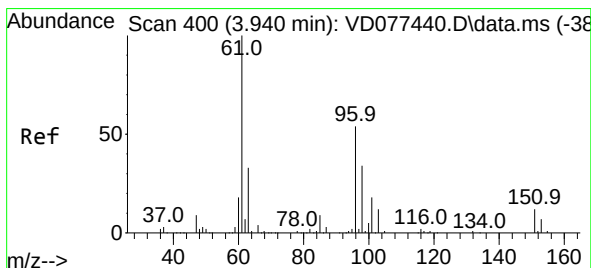
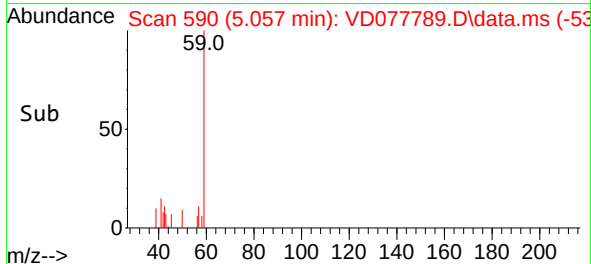
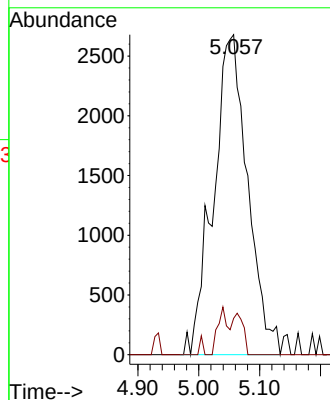
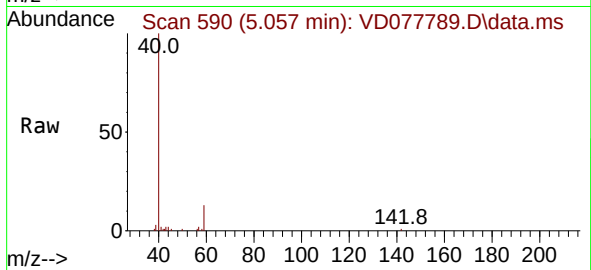
#11
Tert butyl alcohol
Concen: 107.138 ug/l
RT: 5.057 min Scan# 590
Delta R.T. 0.011 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 10498
Ion Ratio Lower Upper
59 100
57 4.0 7.8 11.8

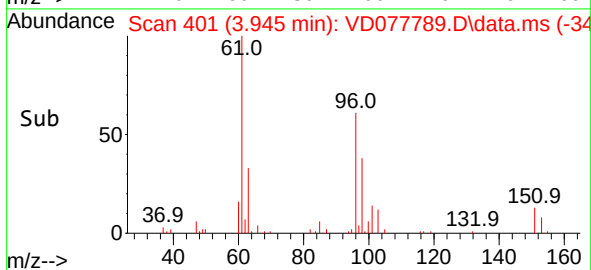
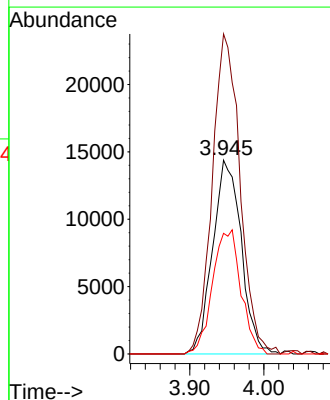
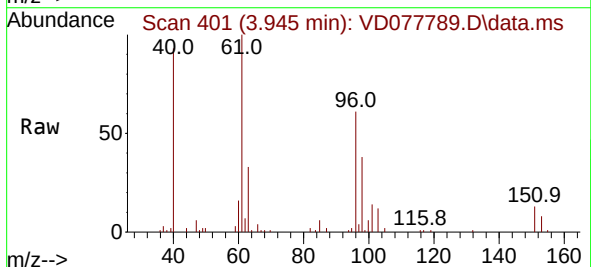
Manual Integrations
APPROVED

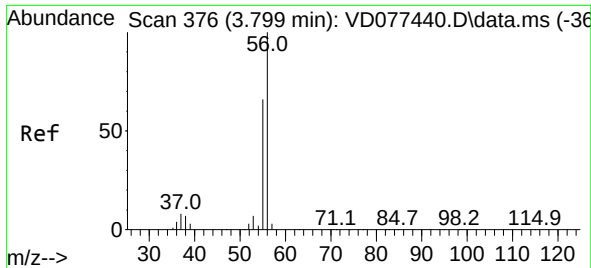
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#12
1,1-Dichloroethene
Concen: 19.650 ug/l
RT: 3.945 min Scan# 401
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

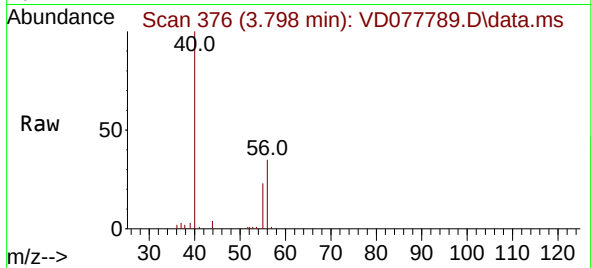
Tgt Ion: 96 Resp: 38473
Ion Ratio Lower Upper
96 100
61 165.1 100.6 150.8#
98 62.3 50.2 75.2





#13
Acrolein
Concen: 85.016 ug/l
RT: 3.798 min Scan# 31
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

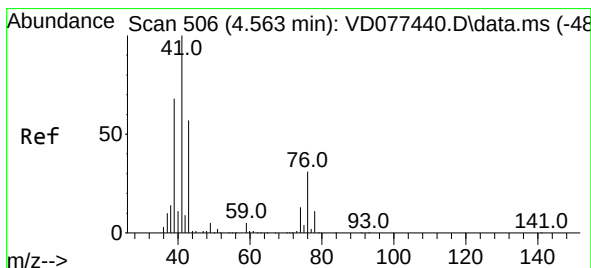
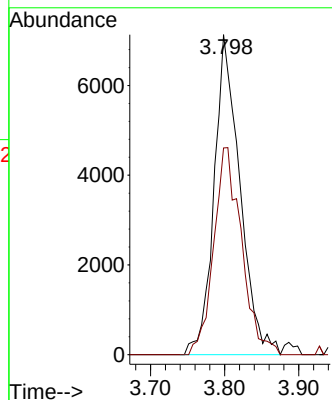
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 1726
Ion Ratio Lower Upper
56 100
55 69.7 55.1 82.7

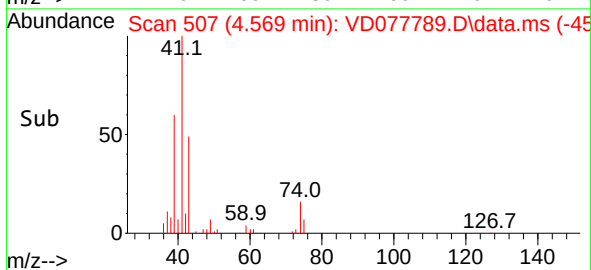
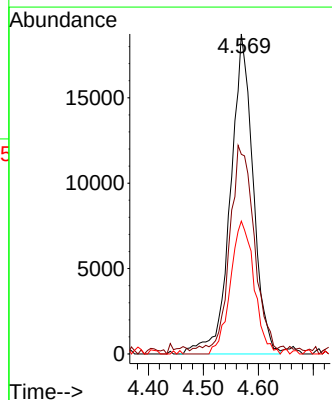
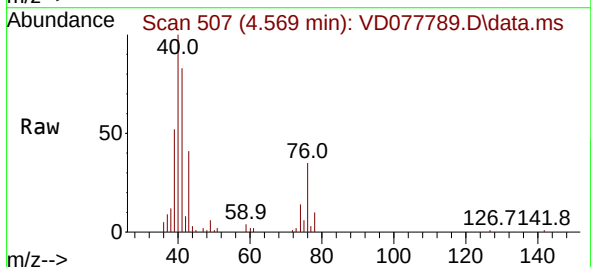
Manual Integrations
APPROVED

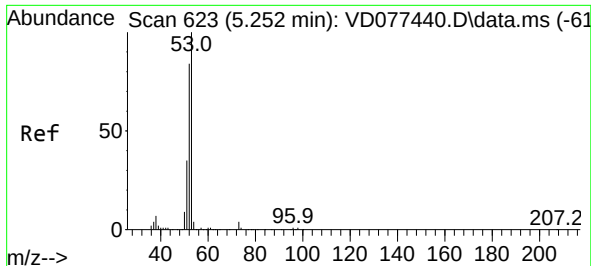
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#14
Allyl chloride
Concen: 19.897 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

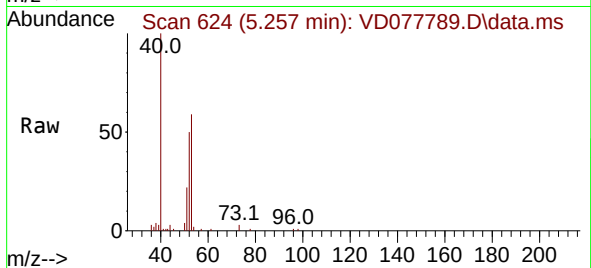
Tgt Ion: 41 Resp: 53578
Ion Ratio Lower Upper
41 100
39 68.6 53.8 80.6
76 43.3 45.8 68.8





#15
Acrylonitrile
Concen: 100.187 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

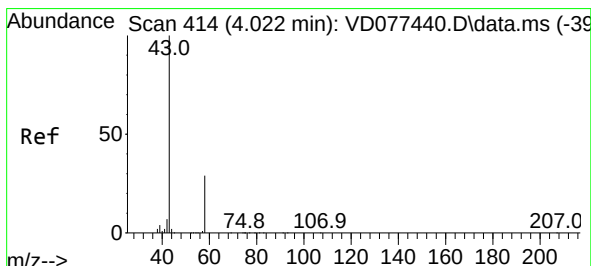
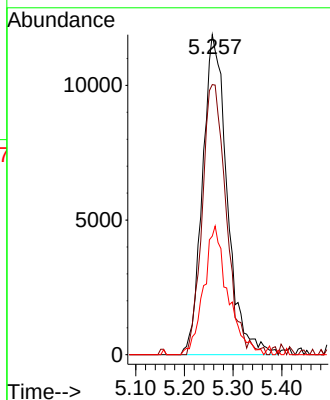
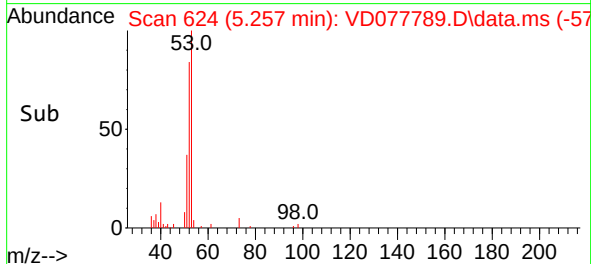
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 41768
Ion Ratio Lower Upper
53 100
52 82.6 65.0 97.4
51 39.4 28.3 42.5

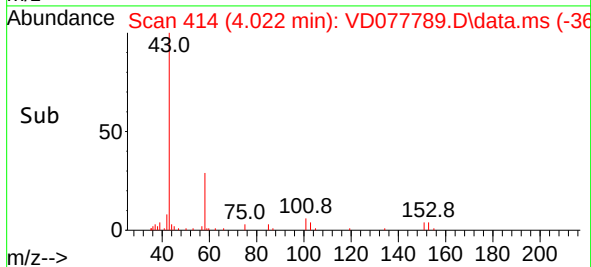
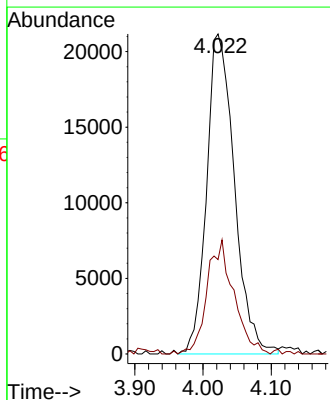
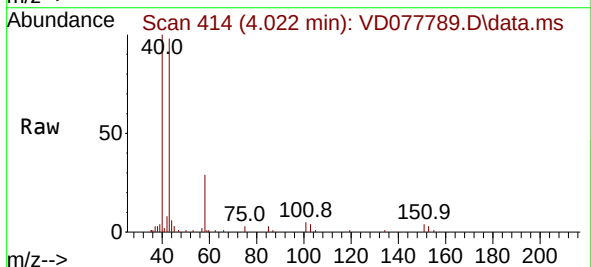
Manual Integrations
APPROVED

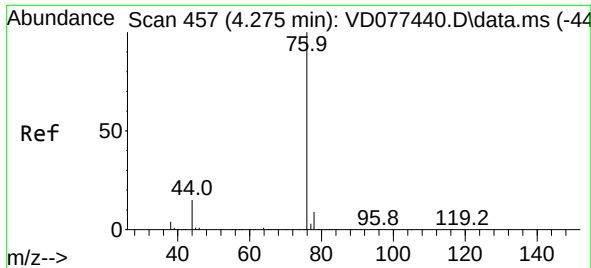
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#16
Acetone
Concen: 129.954 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 43 Resp: 60191
Ion Ratio Lower Upper
43 100
58 29.5 34.7 52.1#





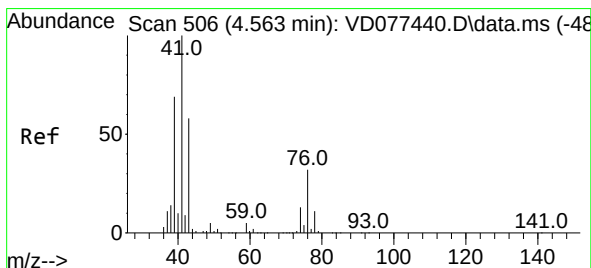
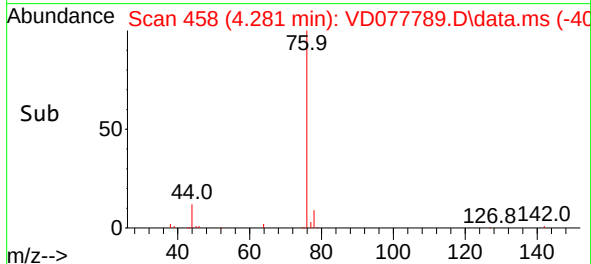
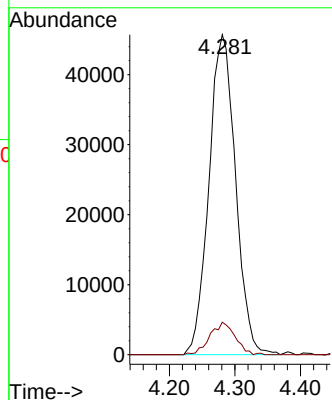
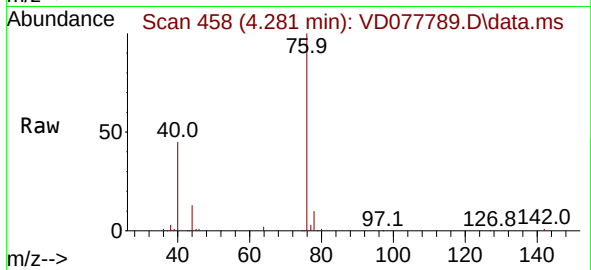
#17
Carbon Disulfide
Concen: 19.438 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 128758
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2

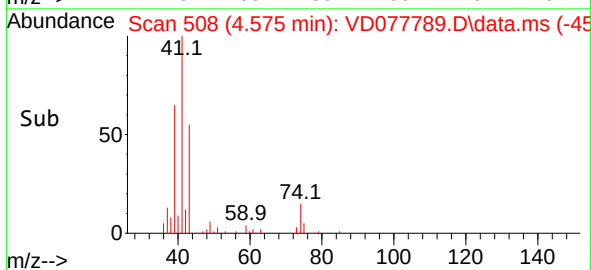
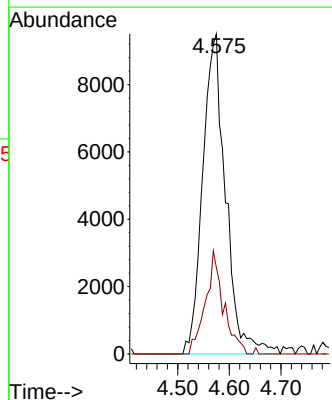
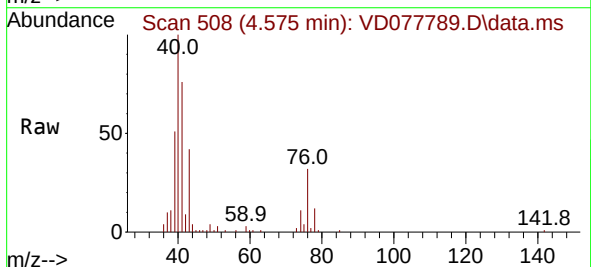
Manual Integrations
APPROVED

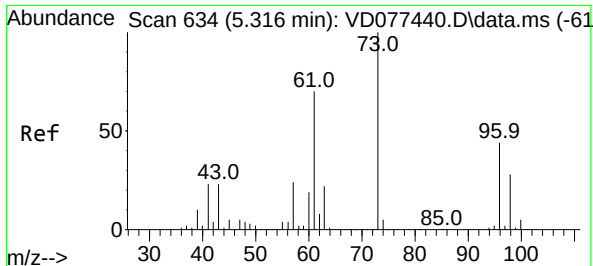
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#18
Methyl Acetate
Concen: 19.375 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 43 Resp: 29287
Ion Ratio Lower Upper
43 100
74 25.4 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 19.313 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 8022

Ion Ratio Lower Upper

73 100

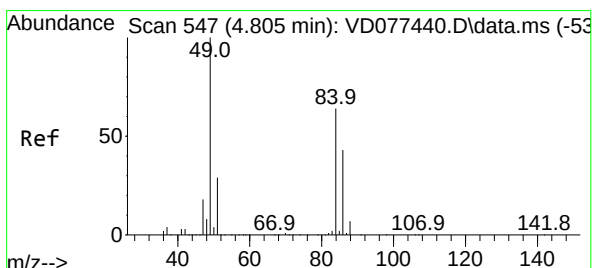
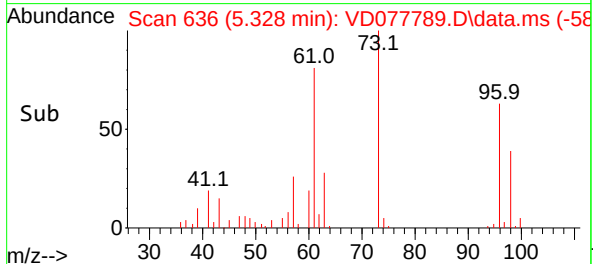
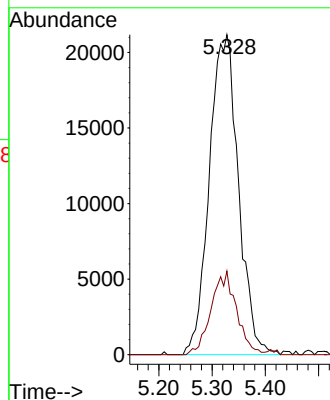
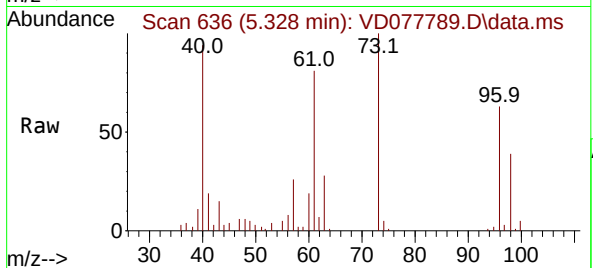
57 26.1 16.6 25.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#20

Methylene Chloride

Concen: 19.766 ug/l

RT: 4.804 min Scan# 547

Delta R.T. -0.001 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Tgt Ion: 84 Resp: 51587

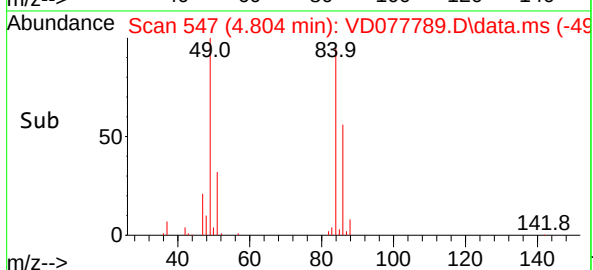
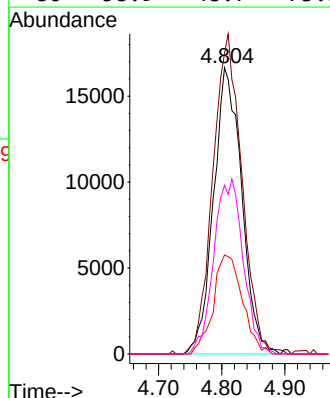
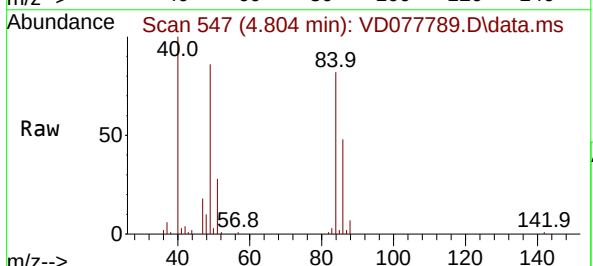
Ion Ratio Lower Upper

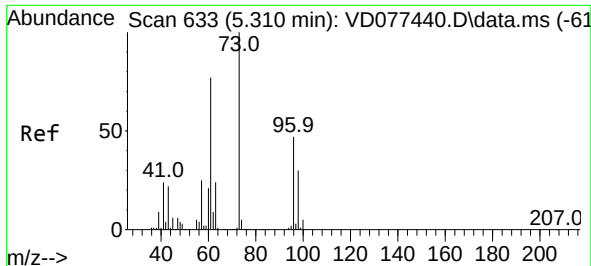
84 100

49 105.0 71.4 107.2

51 34.6 24.5 36.7

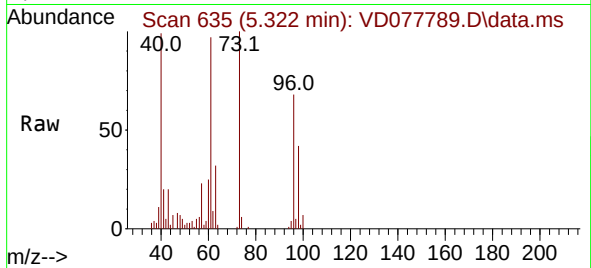
86 58.9 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 19.715 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

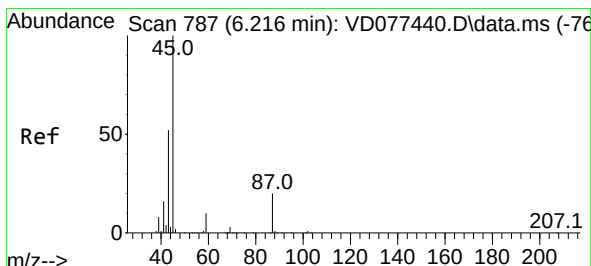
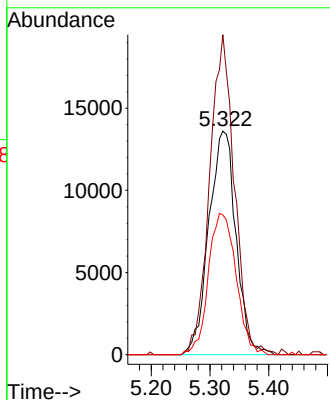
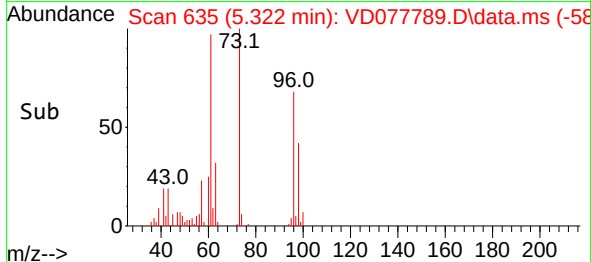
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



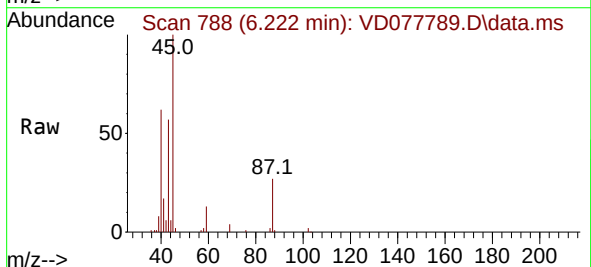
Tgt Ion: 96 Resp: 4372
Ion Ratio Lower Upper
96 100
61 143.2 89.3 133.9
98 62.6 48.6 73.0

Manual Integrations
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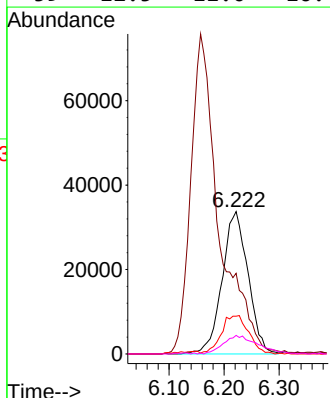
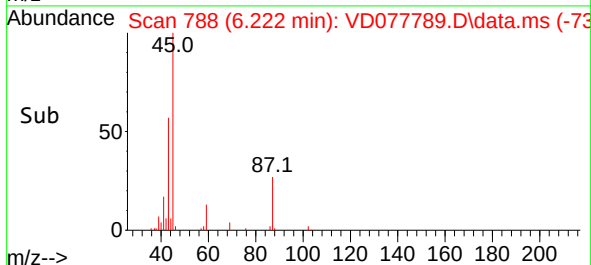
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

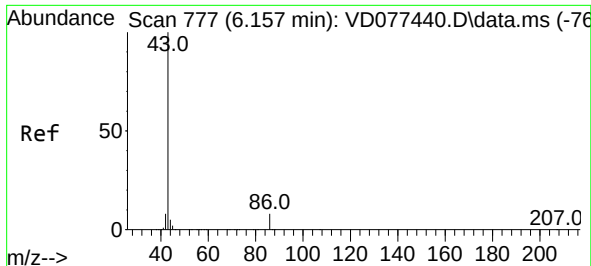


#22
Diisopropyl ether
Concen: 19.611 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22



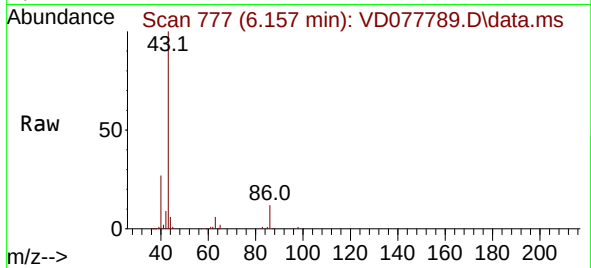
Tgt Ion: 45 Resp: 110356
Ion Ratio Lower Upper
45 100
43 54.7 40.0 60.0
87 26.1 28.2 42.4
59 12.5 11.0 16.4





#23
 Vinyl Acetate
 Concen: 98.454 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077789.D
 Acq: 08 Dec 2023 13:22

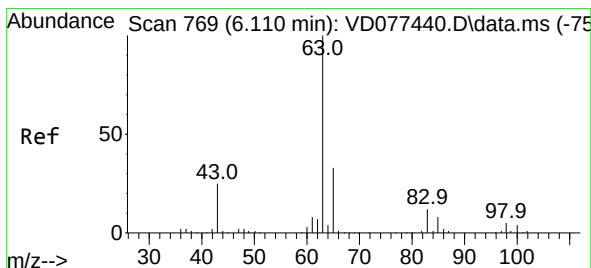
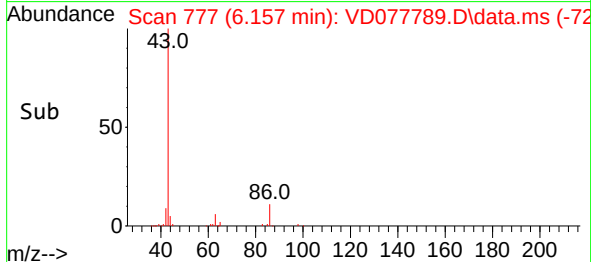
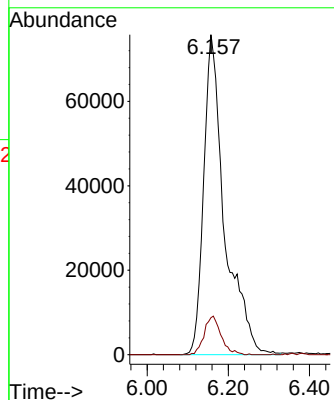
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020



Tgt Ion: 43 Resp: 27055
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.5 18.7

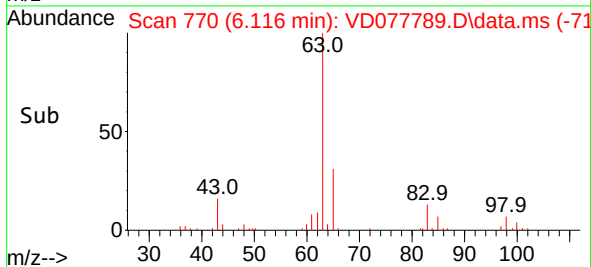
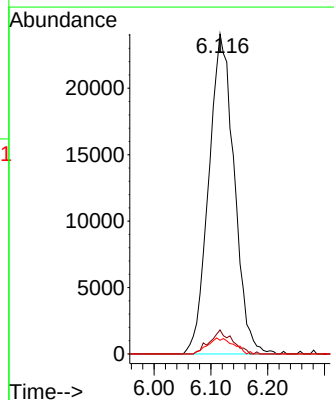
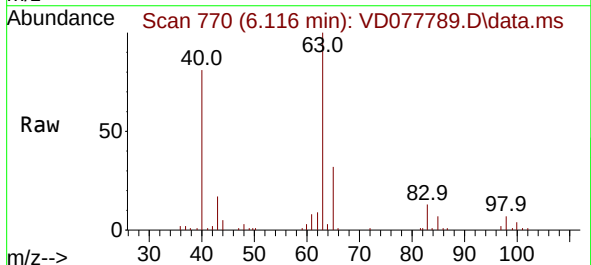
Manual Integrations
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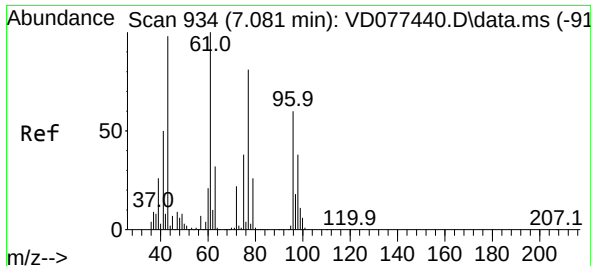
Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023



#24
 1,1-Dichloroethane
 Concen: 19.680 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077789.D
 Acq: 08 Dec 2023 13:22

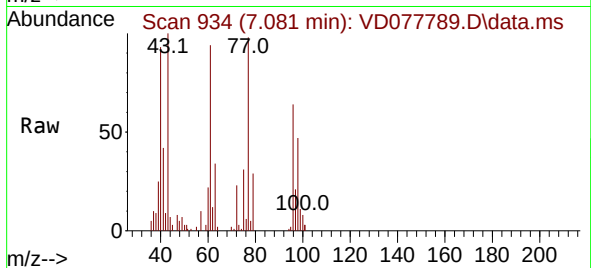
Tgt Ion: 63 Resp: 74997
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.5 13.7
 100 4.3 2.5 7.5





#25
2-Butanone
Concen: 110.687 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

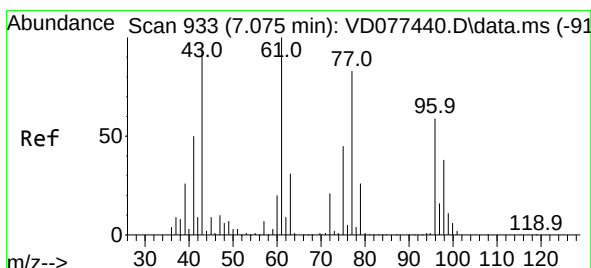
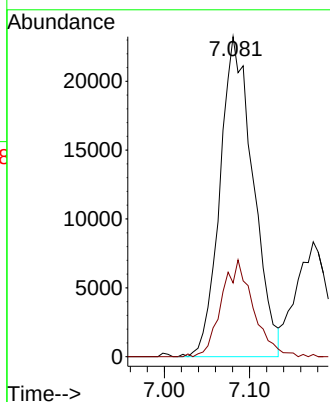
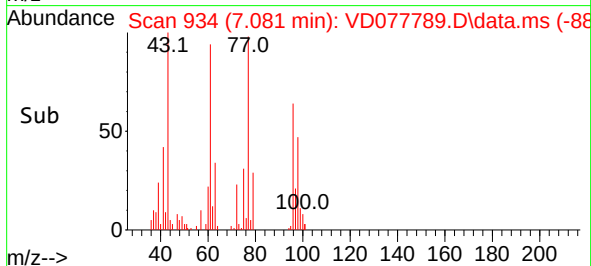
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 62814
Ion Ratio Lower Upper
43 100
72 23.1 30.7 46.1

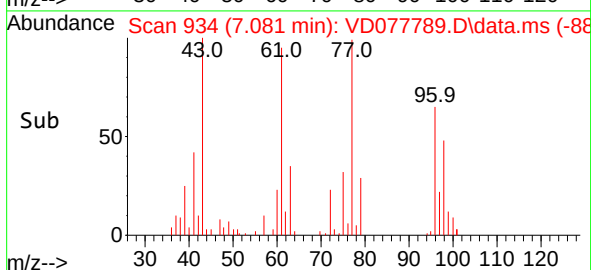
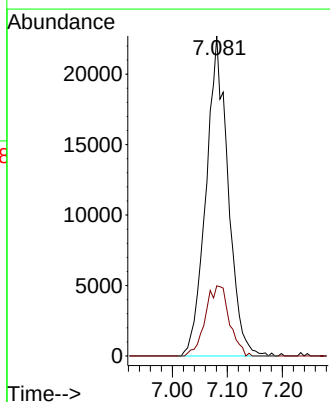
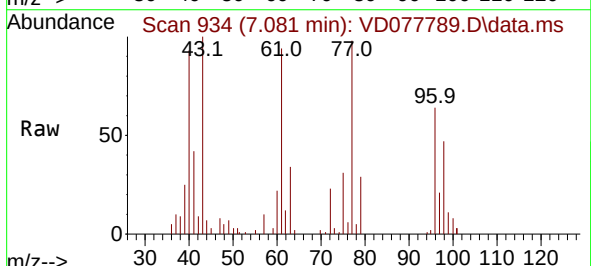
Manual Integrations
APPROVED

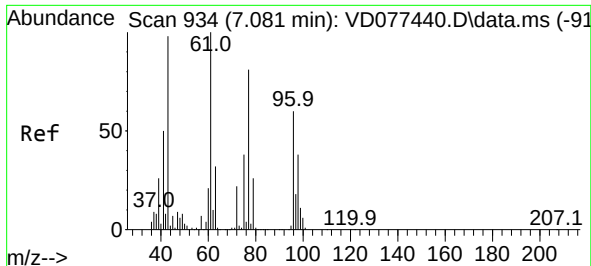
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#26
2,2-Dichloropropane
Concen: 19.778 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

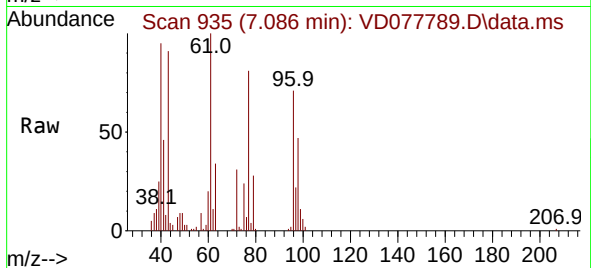
Tgt Ion: 77 Resp: 63280
Ion Ratio Lower Upper
77 100
97 23.9 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 19.282 ug/l
RT: 7.086 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

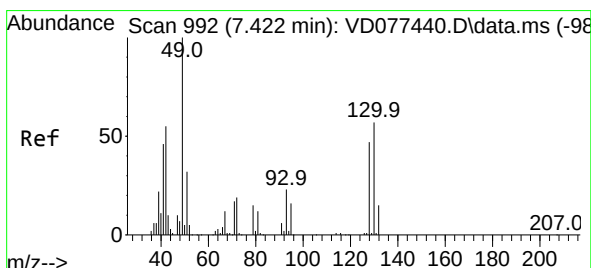
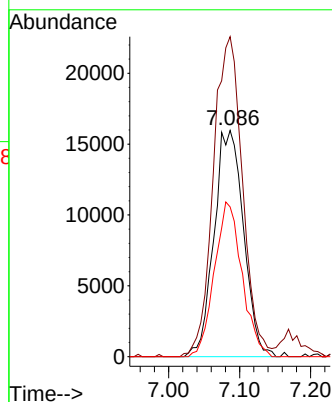
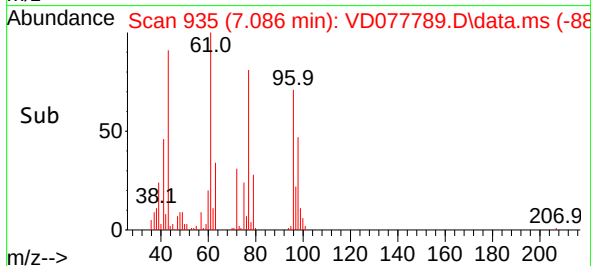
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 4601
Ion Ratio Lower Upper
96 100
61 140.1 0.0 239.2
98 63.9 0.0 128.6

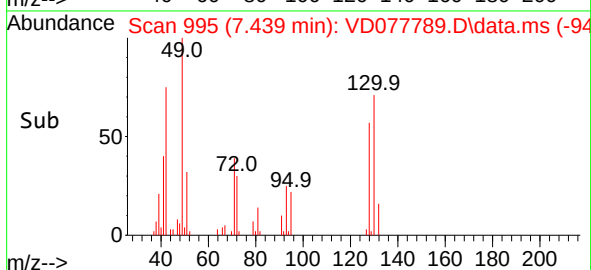
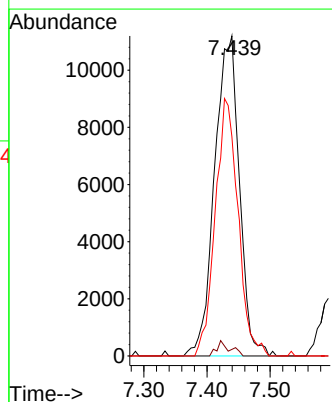
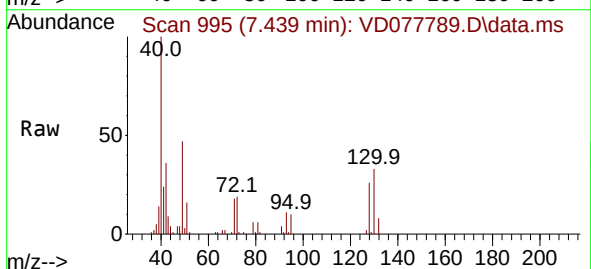
Manual Integrations
APPROVED

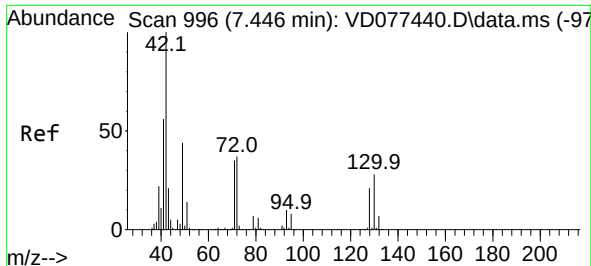
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#28
Bromochloromethane
Concen: 19.824 ug/l
RT: 7.439 min Scan# 995
Delta R.T. 0.017 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 49 Resp: 30526
Ion Ratio Lower Upper
49 100
129 2.5 0.0 6.0
130 74.2 83.2 124.8#





#29

Tetrahydrofuran

Concen: 98.024 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.001 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

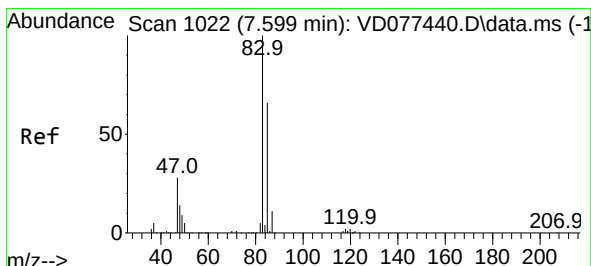
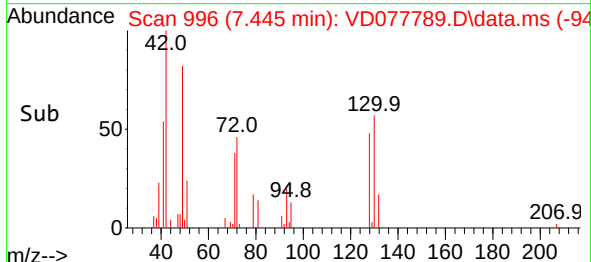
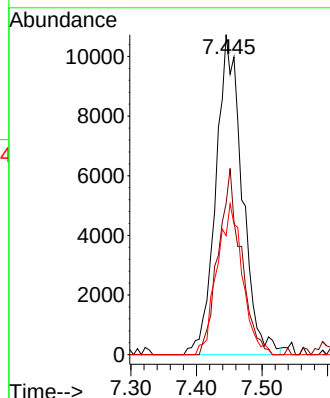
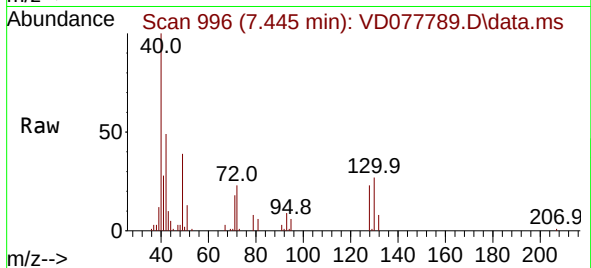
VSTDIC020

Tgt Ion:	42	Resp:	2996
Ion Ratio	Lower	Upper	
42	100		
72	50.1	46.5	69.7
71	45.6	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#30

Chloroform

Concen: 18.804 ug/l

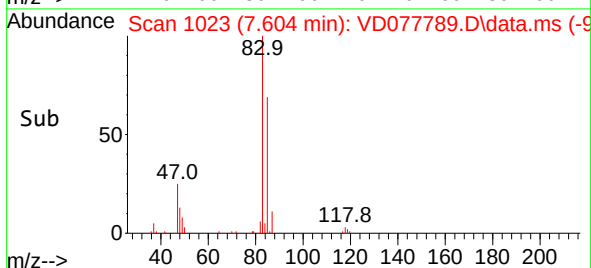
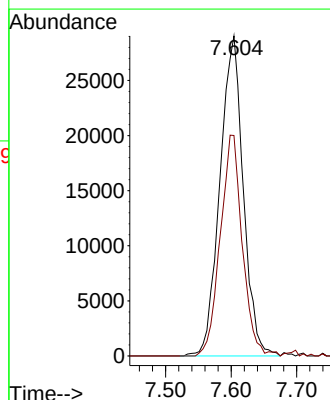
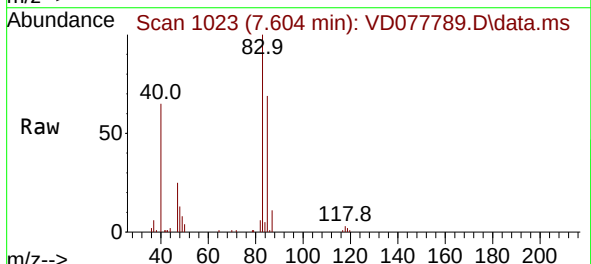
RT: 7.604 min Scan# 1023

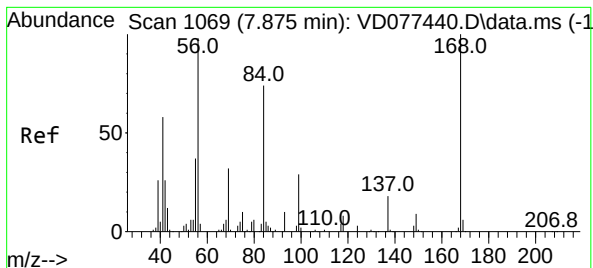
Delta R.T. 0.005 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Tgt Ion:	83	Resp:	71718
Ion Ratio	Lower	Upper	
83	100		
85	68.9	53.4	80.2





#31

Cyclohexane

Concen: 19.846 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

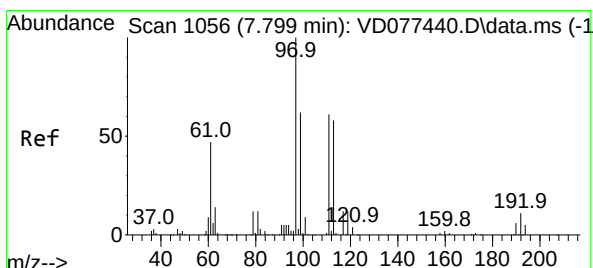
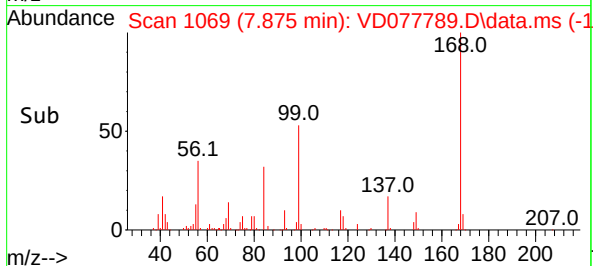
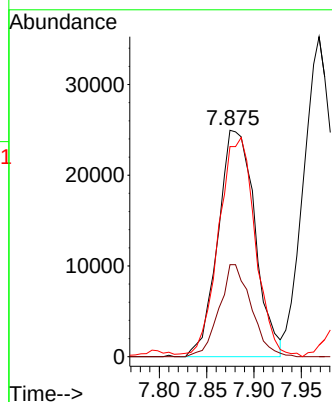
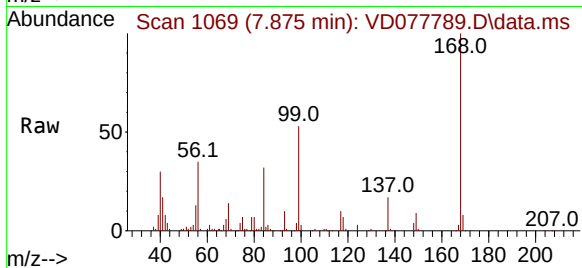
Tgt Ion: 56 Resp: 6775

Ion	Ratio	Lower	Upper
56	100		
69	40.6	28.6	43.0
84	91.6	84.8	127.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#32

1,1,1-Trichloroethane

Concen: 19.524 ug/l

RT: 7.798 min Scan# 1056

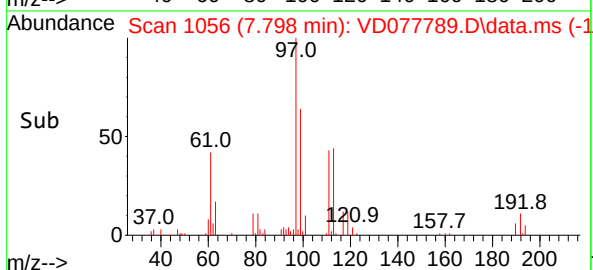
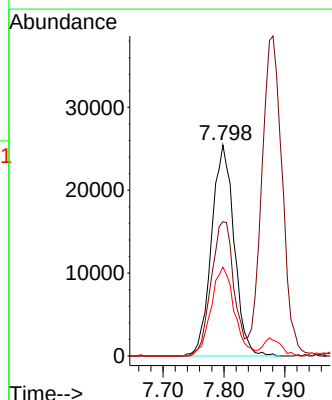
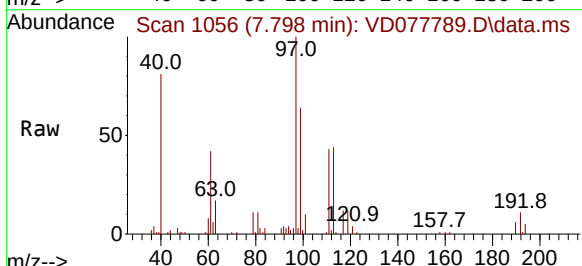
Delta R.T. -0.001 min

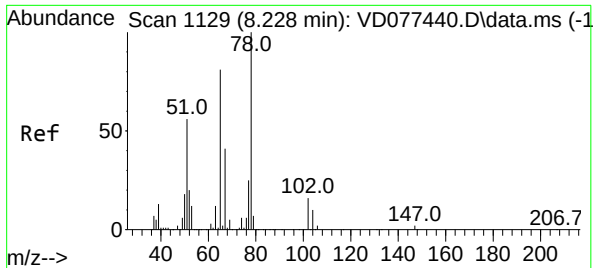
Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Tgt Ion: 97 Resp: 65643

Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.0	78.0
61	43.3	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 19.196 ug/l

RT: 8.233 min Scan# 1129

Delta R.T. 0.005 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 3684

Ion Ratio Lower Upper

65 100

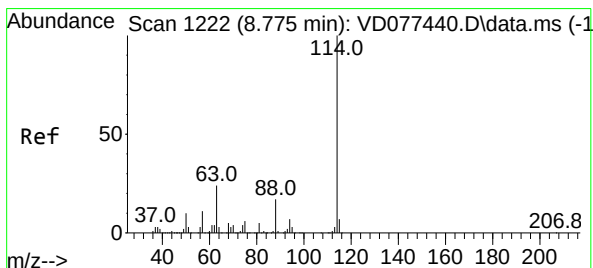
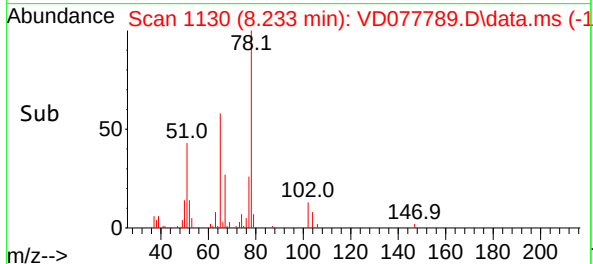
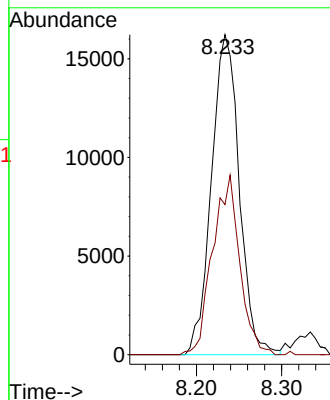
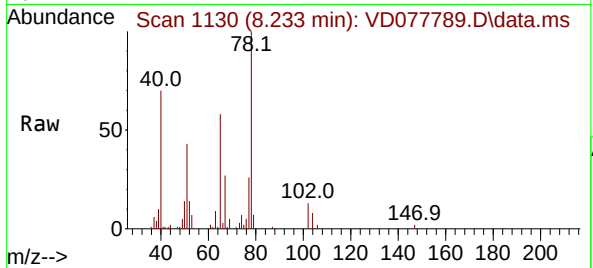
67 54.7 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

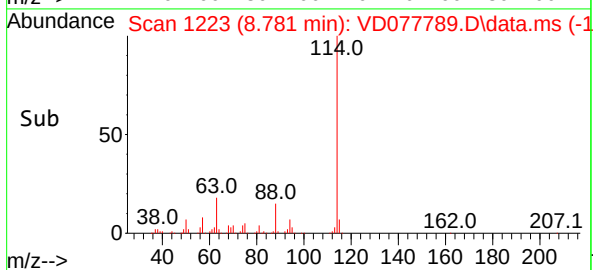
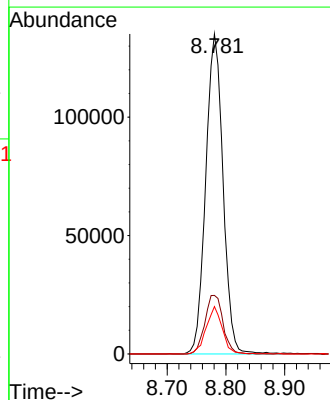
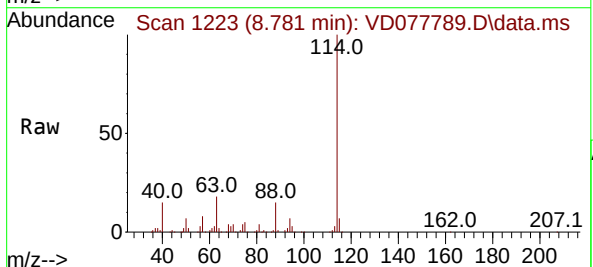
Tgt Ion:114 Resp: 276078

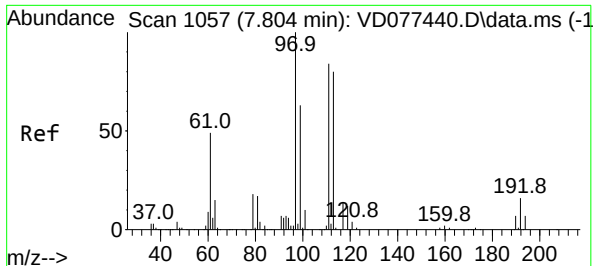
Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 14.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 18.863 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

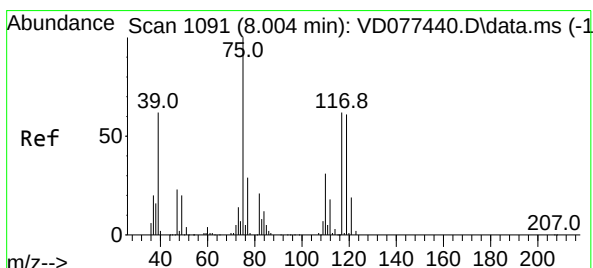
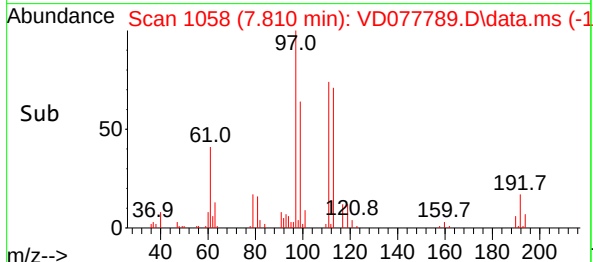
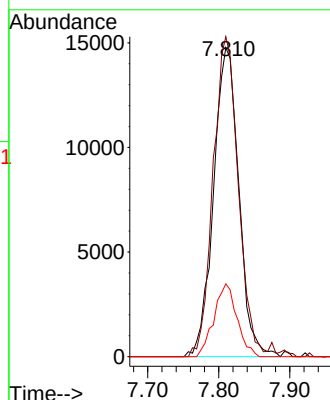
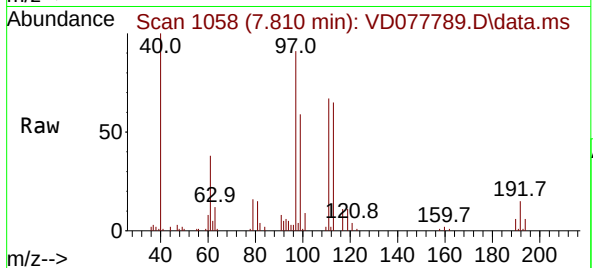
Tgt Ion: 113 Resp: 36478

Ion	Ratio	Lower	Upper
113	100		
111	102.4	84.7	127.1
192	21.4	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#36

1,1-Dichloropropene

Concen: 19.617 ug/l

RT: 8.016 min Scan# 1093

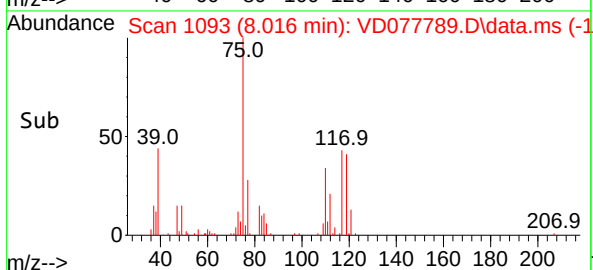
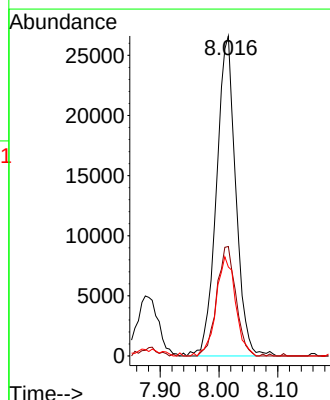
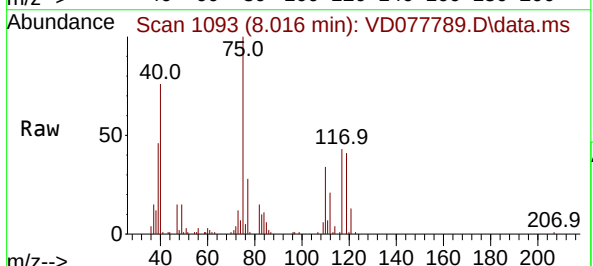
Delta R.T. 0.012 min

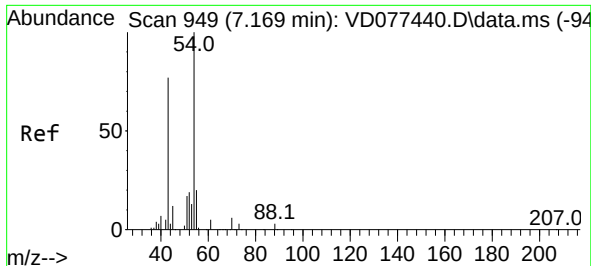
Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Tgt Ion: 75 Resp: 60681

Ion	Ratio	Lower	Upper
75	100		
110	34.0	19.9	59.6
77	31.2	24.7	37.1





#37

Ethyl Acetate

Concen: 18.978 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

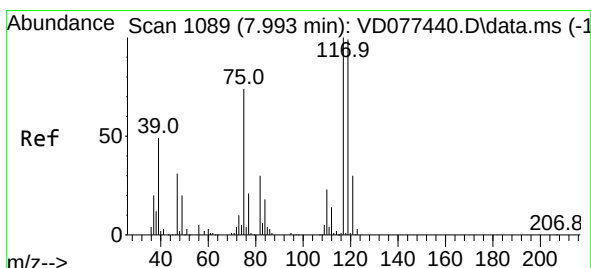
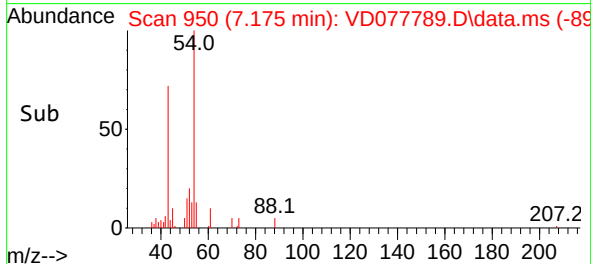
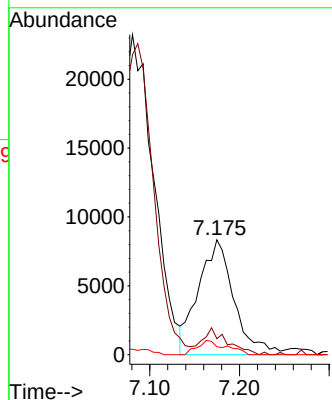
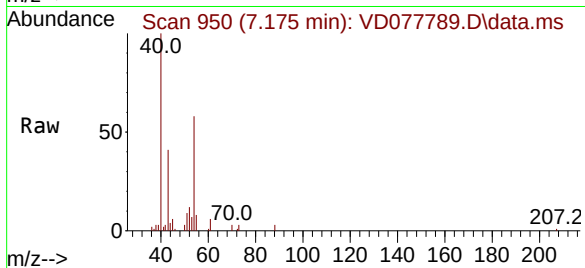
VSTDICC020

Tgt Ion:	43	Resp:	22890
Ion	Ratio	Lower	Upper
43	100		
61	16.6	14.9	22.3
70	9.9	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#38

Carbon Tetrachloride

Concen: 18.940 ug/l

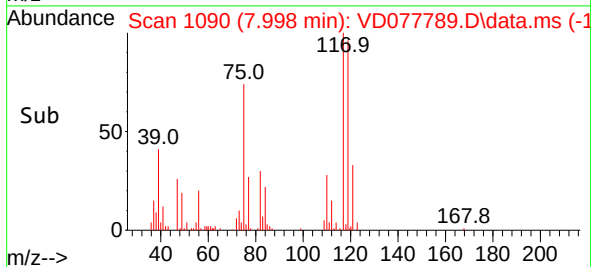
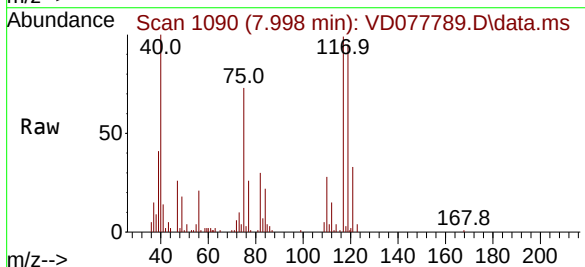
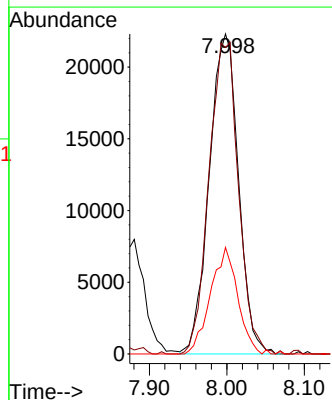
RT: 7.998 min Scan# 1090

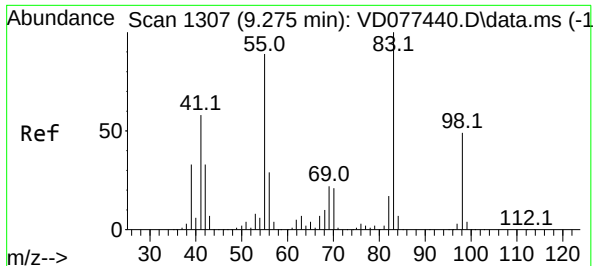
Delta R.T. 0.005 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Tgt Ion:	117	Resp:	58406
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.0	117.0
121	33.3	24.2	36.2





#39

Methylcyclohexane

Concen: 19.315 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 70829

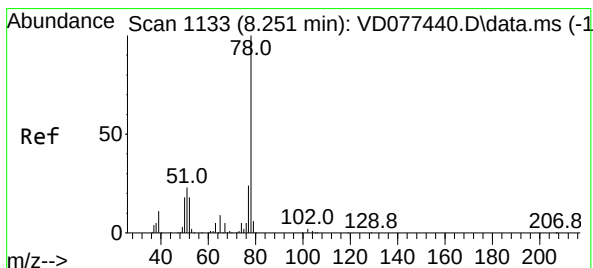
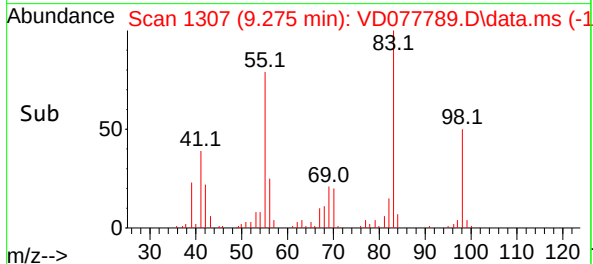
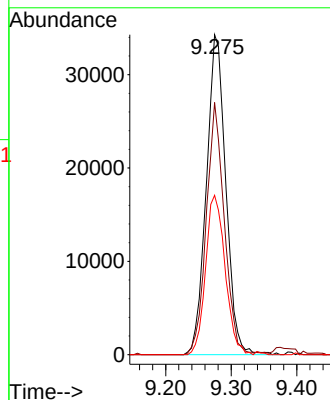
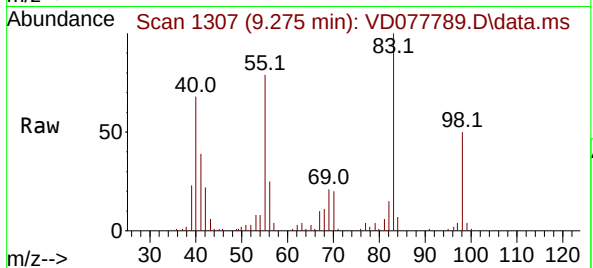
Ion	Ratio	Lower	Upper
83	100		
55	78.8	49.4	74.0
98	49.8	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#40

Benzene

Concen: 18.998 ug/l

RT: 8.251 min Scan# 1133

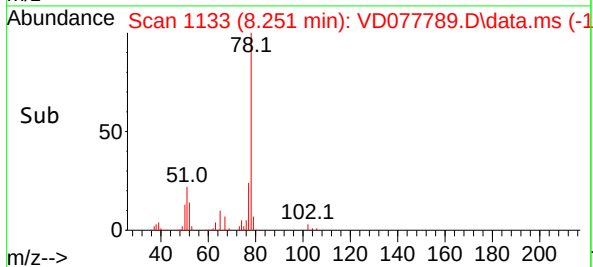
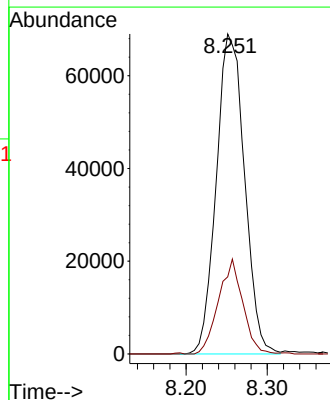
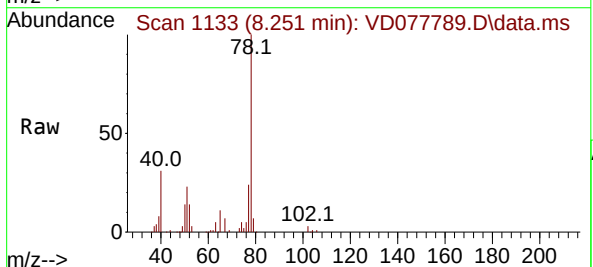
Delta R.T. 0.000 min

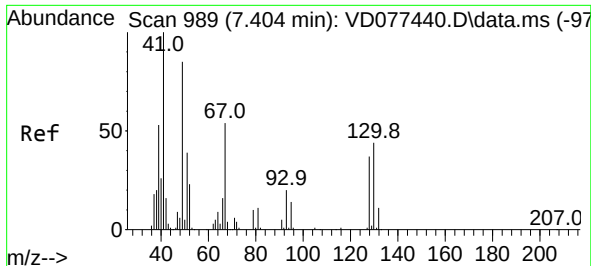
Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Tgt Ion: 78 Resp: 166790

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0





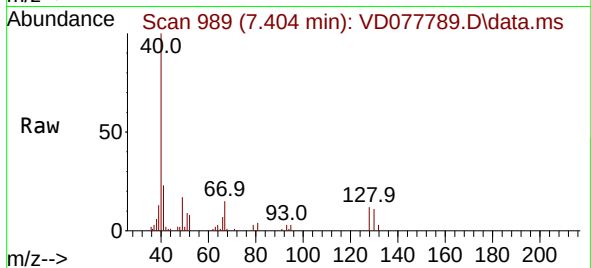
#41
Methacrylonitrile
Concen: 20.777 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

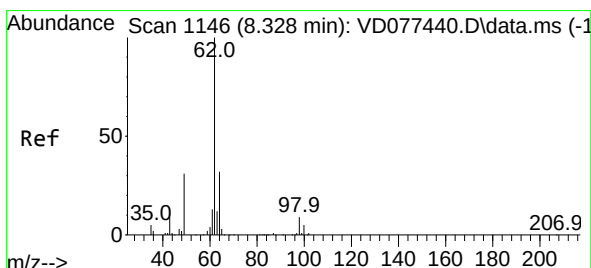
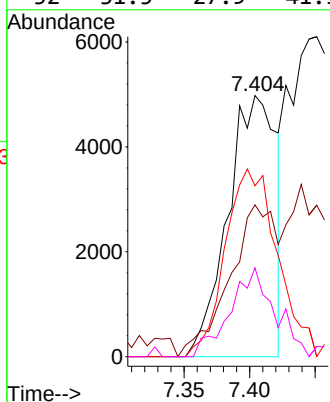
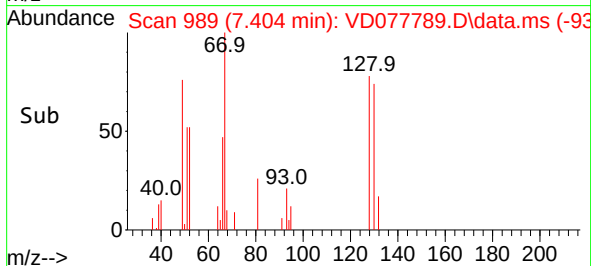


Tgt Ion: 41 Resp: 1273
Ion Ratio Lower Upper
41 100
39 56.1 34.0 51.0
67 78.3 77.0 115.4
52 31.5 27.9 41.9

Manual Integrations

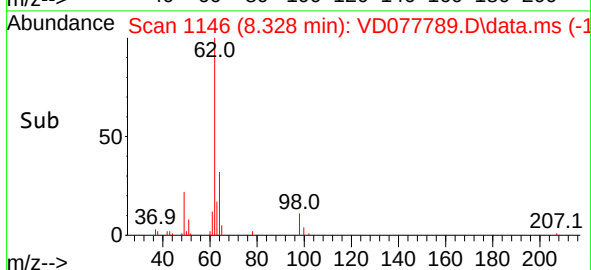
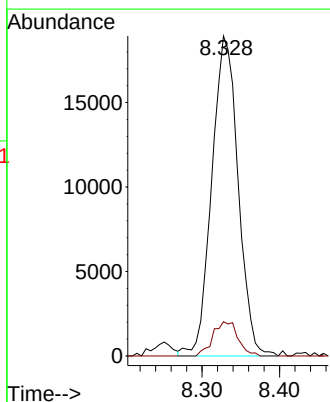
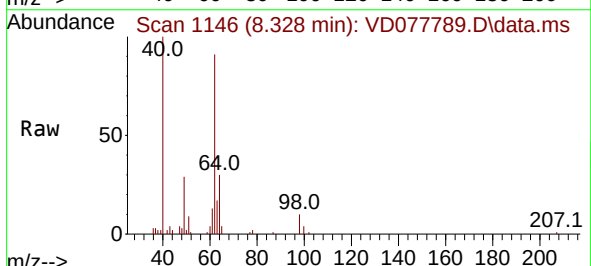
APPROVED

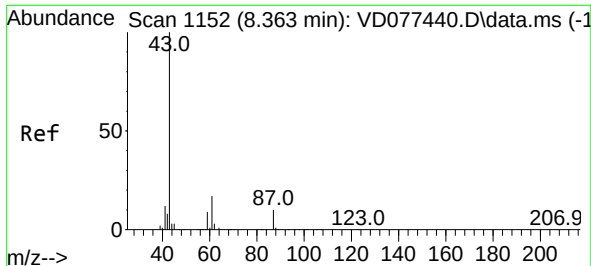
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#42
1,2-Dichloroethane
Concen: 19.713 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 62 Resp: 44861
Ion Ratio Lower Upper
62 100
98 10.1 0.0 25.4





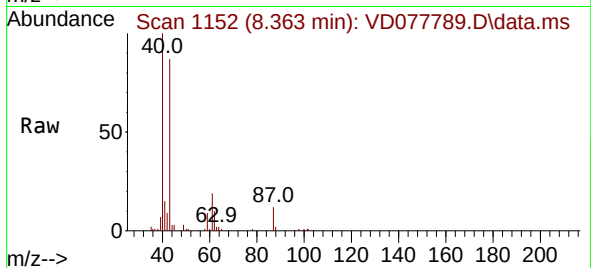
#43
Isopropyl Acetate
Concen: 19.016 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

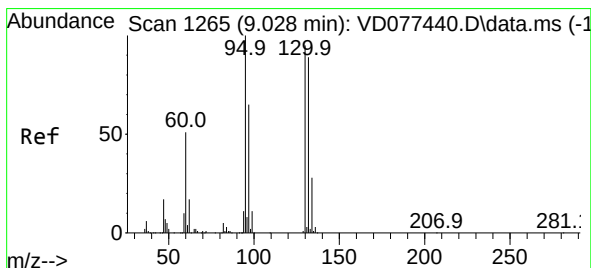
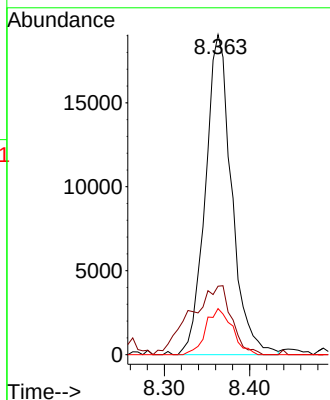
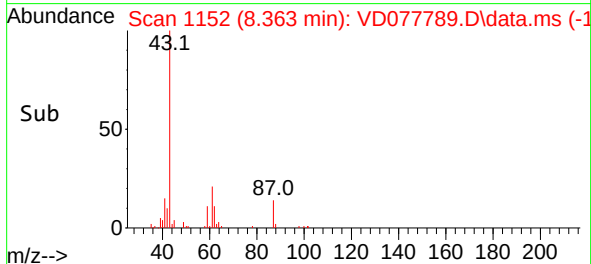


Tgt Ion: 43 Resp: 4077
Ion Ratio Lower Upper
43 100
61 33.6 31.4 47.0
87 14.5 14.9 22.3

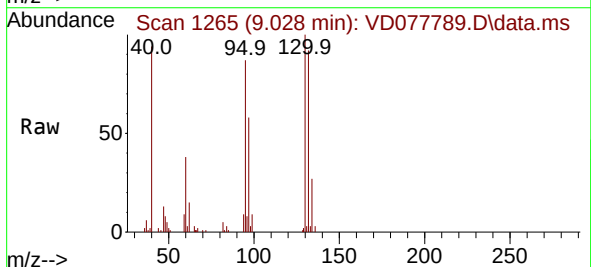
Manual Integrations

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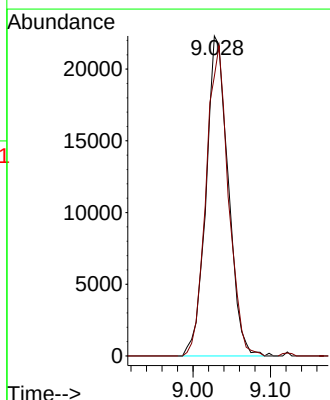
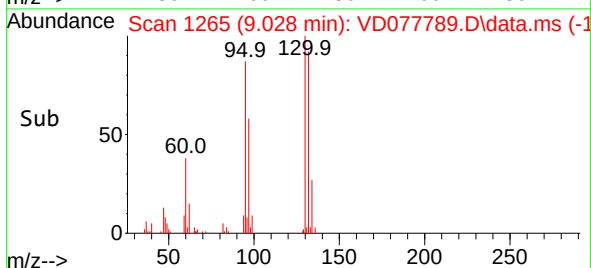
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

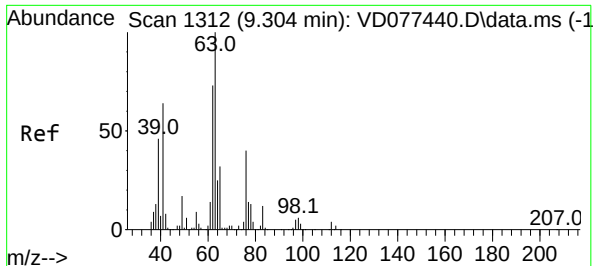


#44
Trichloroethene
Concen: 19.386 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22



Tgt Ion:130 Resp: 44352
Ion Ratio Lower Upper
130 100
95 87.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.468 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 41550

Ion Ratio Lower Upper

63 100

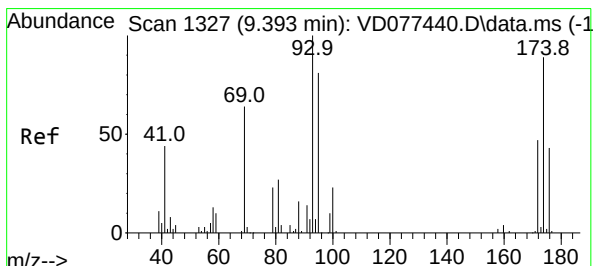
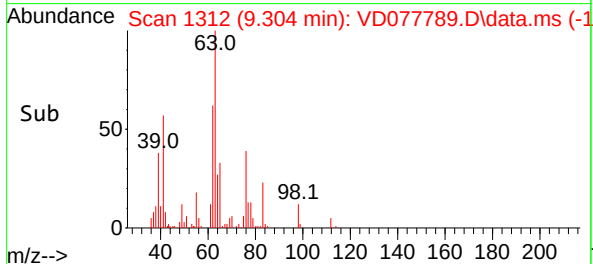
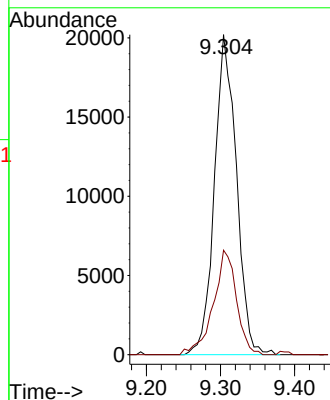
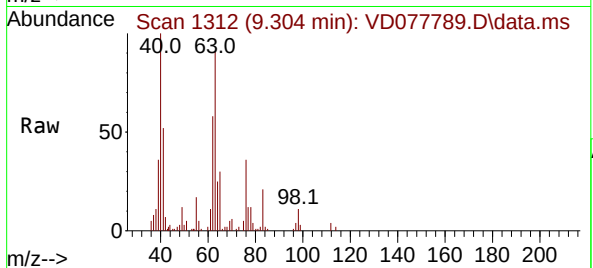
65 32.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#46

Dibromomethane

Concen: 18.798 ug/l

RT: 9.404 min Scan# 1329

Delta R.T. 0.011 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

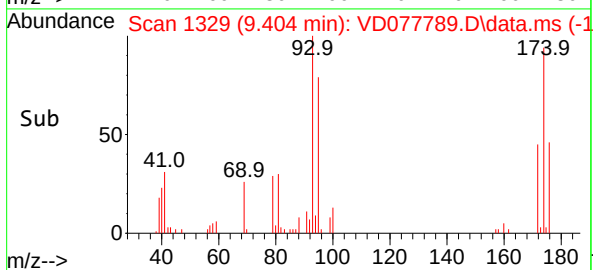
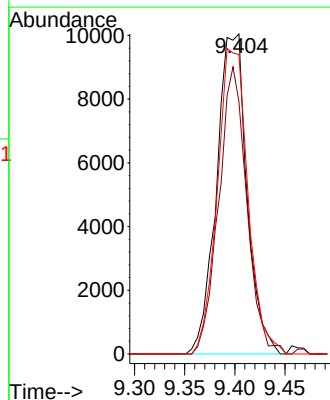
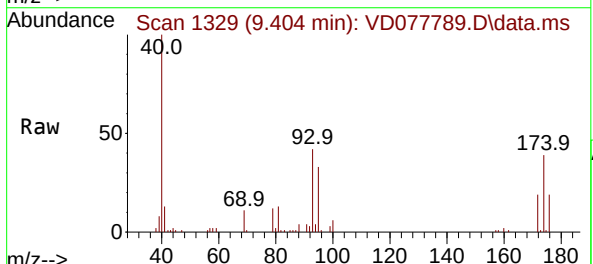
Tgt Ion: 93 Resp: 21228

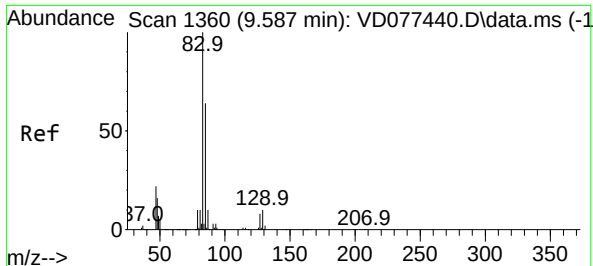
Ion Ratio Lower Upper

93 100

95 82.4 67.7 101.5

174 95.8 85.4 128.2





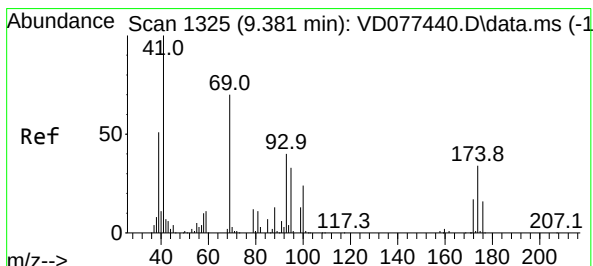
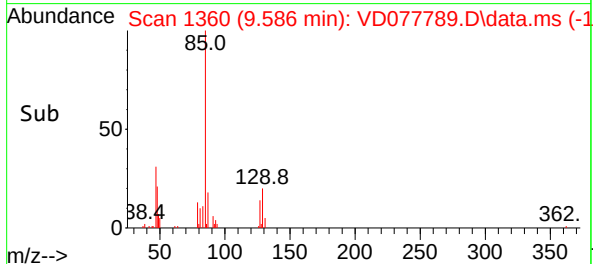
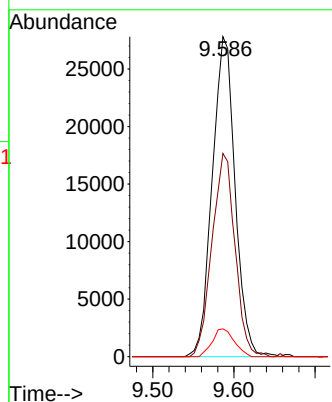
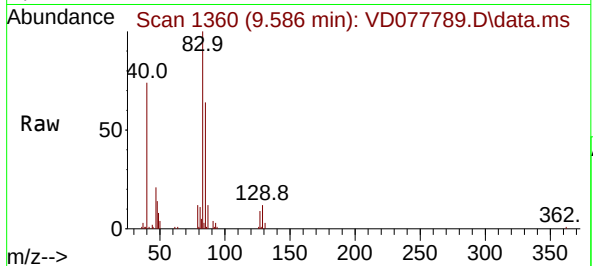
#47
Bromodichloromethane
Concen: 18.989 ug/l
RT: 9.586 min Scan# 1360
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 54352
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.4
127 8.7 6.3 9.5

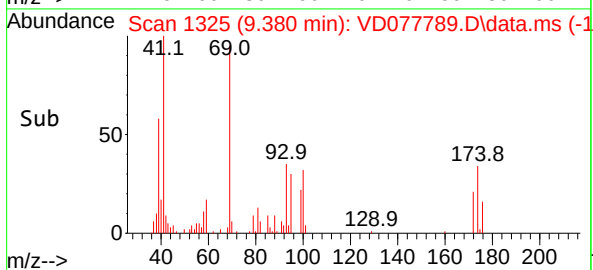
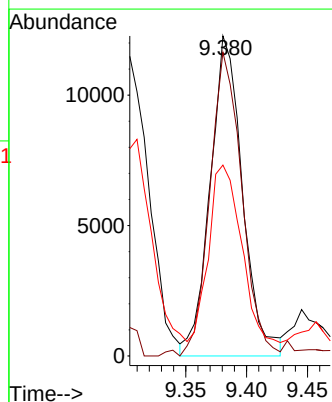
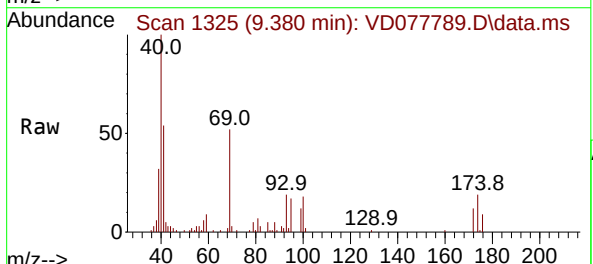
Manual Integrations
APPROVED

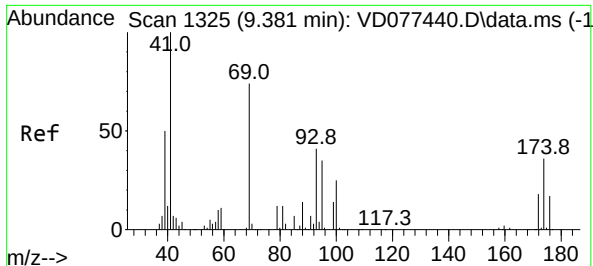
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#48
Methyl methacrylate
Concen: 18.596 ug/l
RT: 9.380 min Scan# 1325
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 41 Resp: 22665
Ion Ratio Lower Upper
41 100
69 94.0 102.2 153.2#
39 61.3 41.4 62.2





#49

1,4-Dioxane

Concen: 335.857 ug/l

RT: 9.386 min Scan# 1325

Delta R.T. 0.005 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

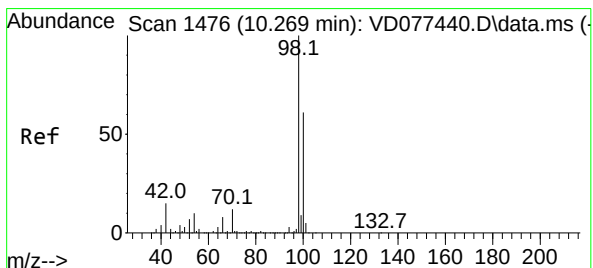
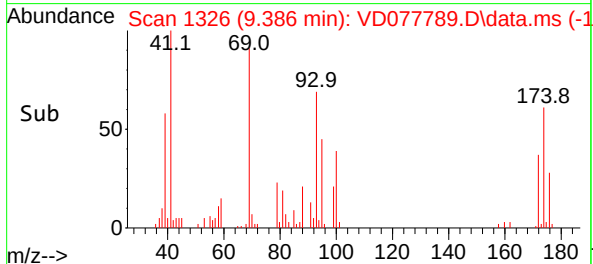
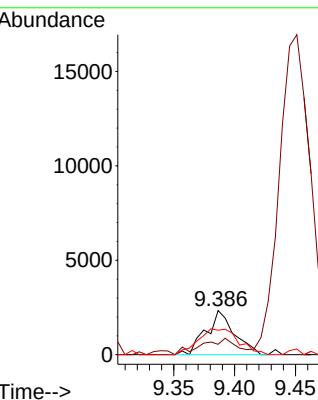
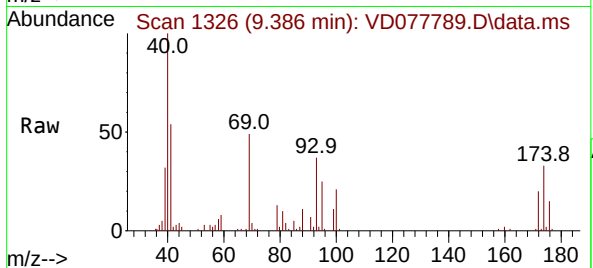
VSTDICC020

Tgt Ion: 88 Resp: 3760
 Ion Ratio Lower Upper
 88 100
 43 45.4 19.0 28.6
 58 83.8 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023



#50

Toluene-d8

Concen: 19.199 ug/l

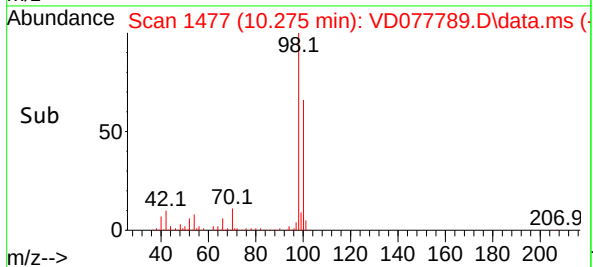
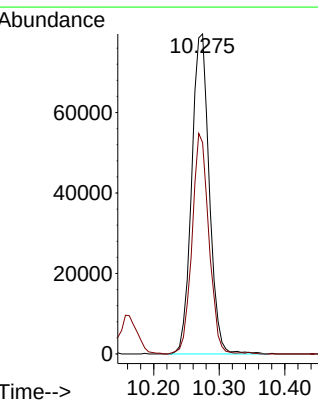
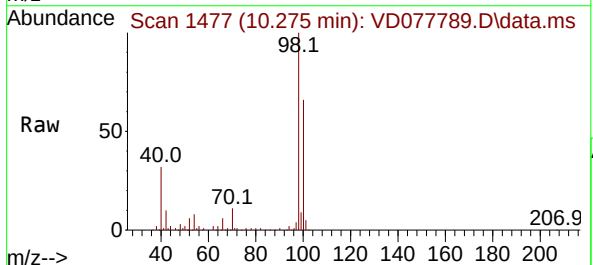
RT: 10.275 min Scan# 1477

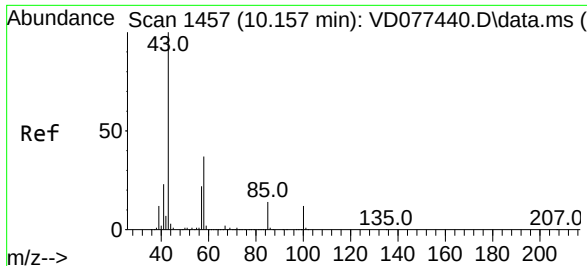
Delta R.T. 0.006 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Tgt Ion: 98 Resp: 148700
 Ion Ratio Lower Upper
 98 100
 100 65.8 50.3 75.5





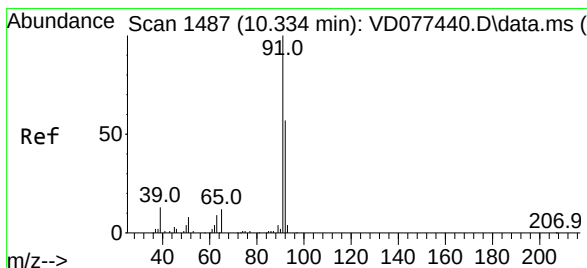
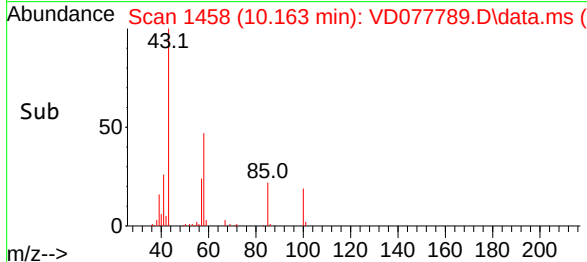
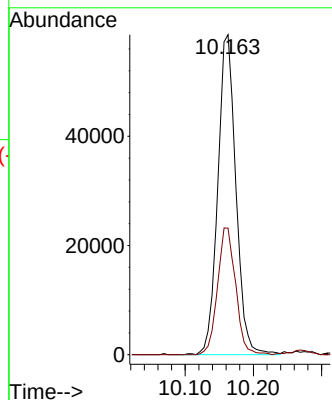
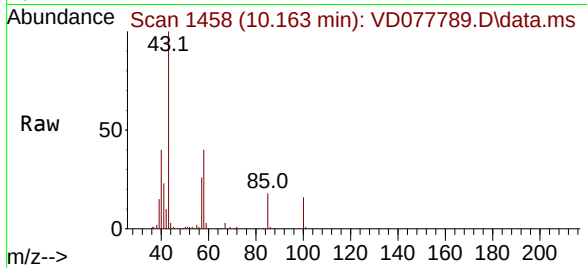
#51
4-Methyl-2-Pentanone
Concen: 99.130 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 108472
Ion Ratio Lower Upper
43 100
58 39.6 38.9 58.3

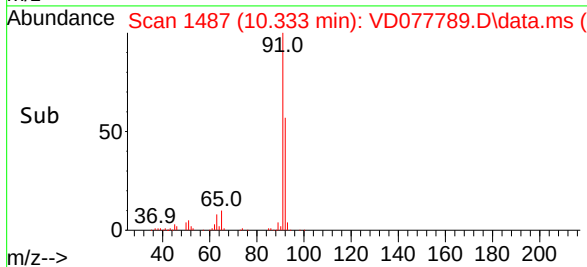
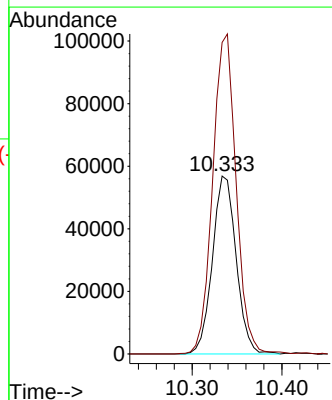
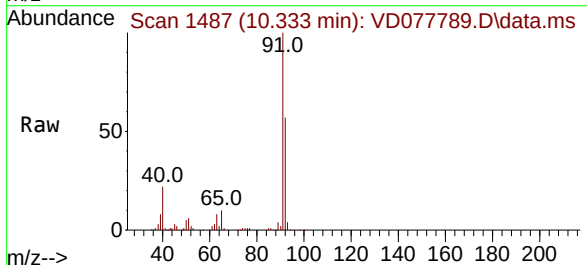
Manual Integrations
APPROVED

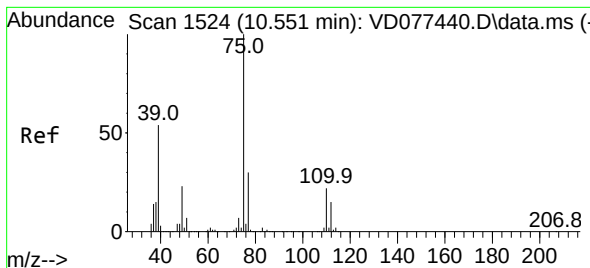
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#52
Toluene
Concen: 19.182 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

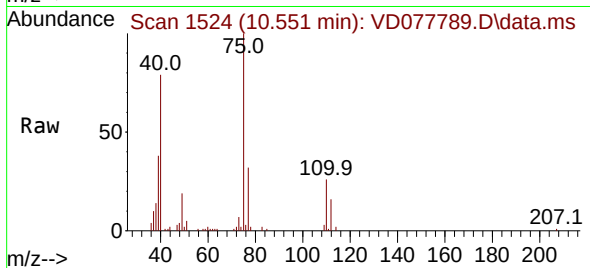
Tgt Ion: 92 Resp: 104463
Ion Ratio Lower Upper
92 100
91 177.6 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 19.330 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

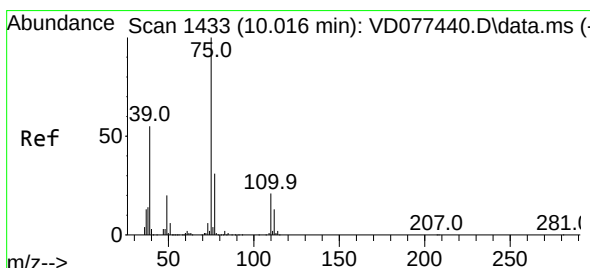
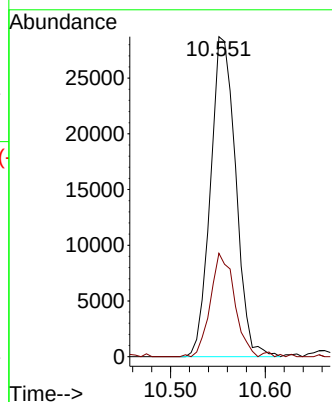
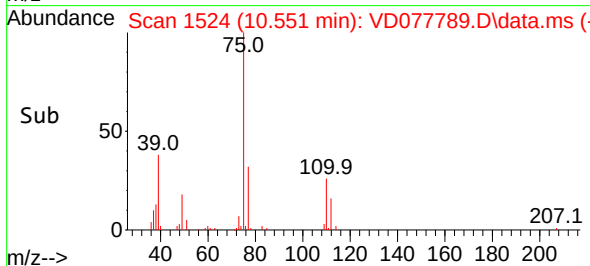
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



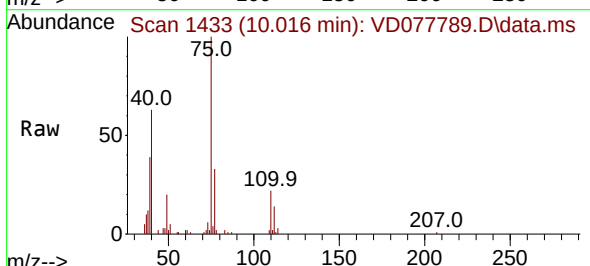
Tgt Ion: 75 Resp: 5313
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9

Manual Integrations
APPROVED

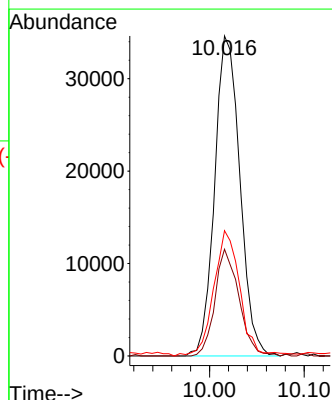
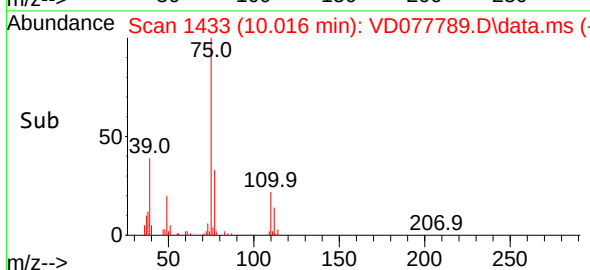
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

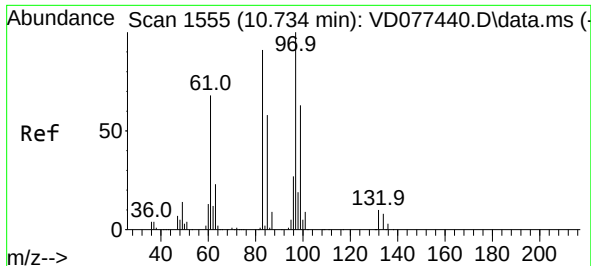


#54
cis-1,3-Dichloropropene
Concen: 19.299 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22



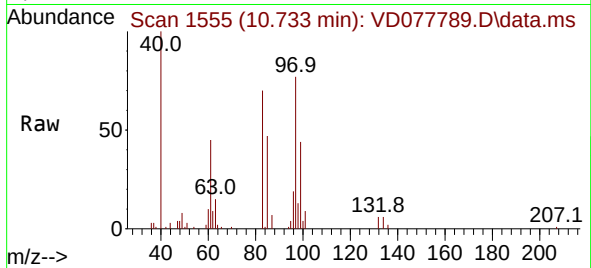
Tgt Ion: 75 Resp: 64135
Ion Ratio Lower Upper
75 100
77 33.4 25.5 38.3
39 38.4 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 18.835 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

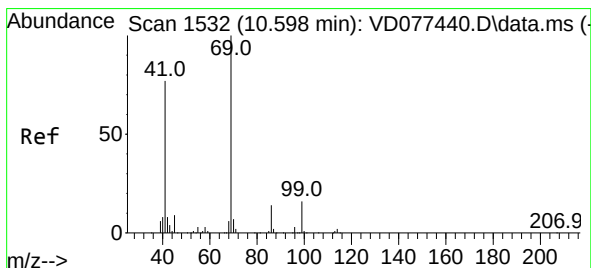
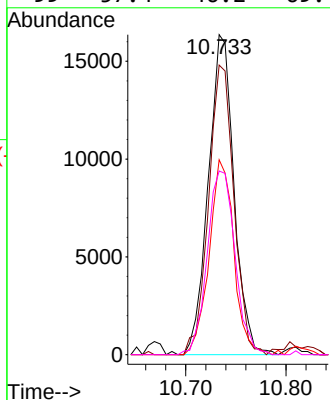
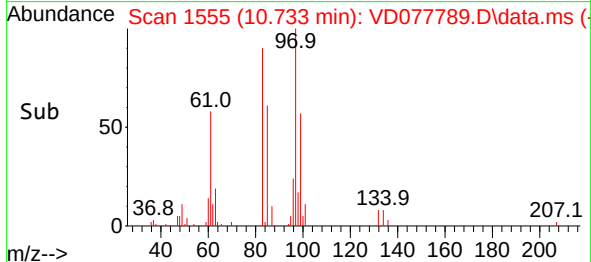
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.5	65.8	98.6
85	60.9	45.7	68.5
99	57.4	46.2	69.4

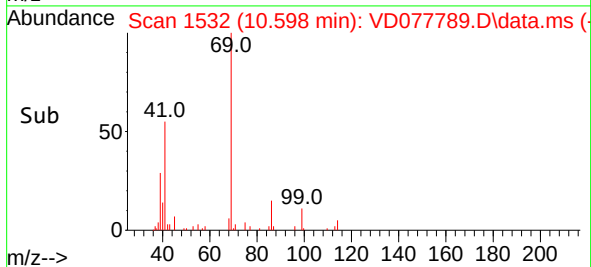
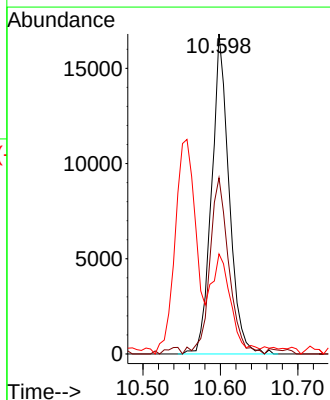
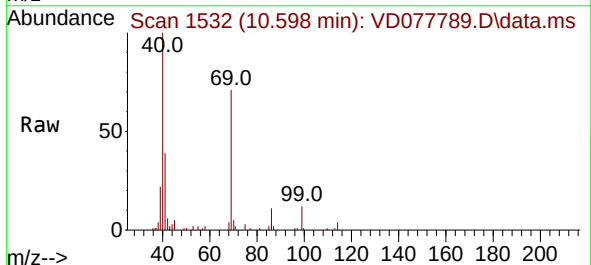
Manual Integrations
APPROVED

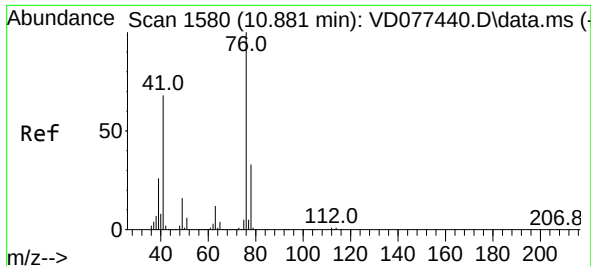
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#56
Ethyl methacrylate
Concen: 19.388 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.1	39.1	58.7#
39	31.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.191 ug/l

RT: 10.880 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 5109

Ion Ratio Lower Upper

76 100

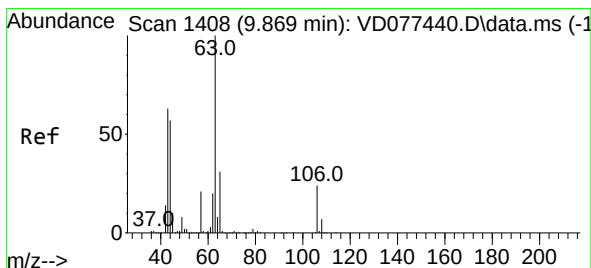
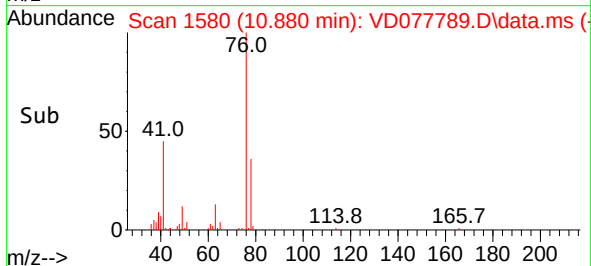
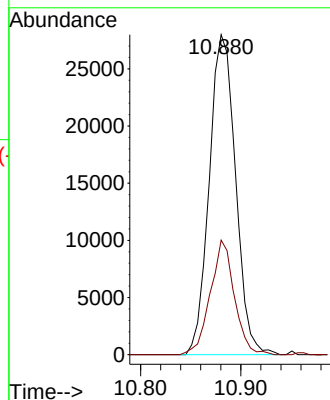
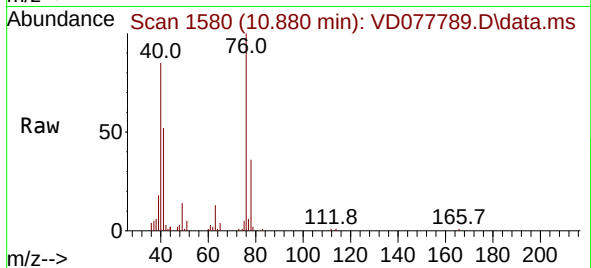
78 32.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 99.842 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077789.D

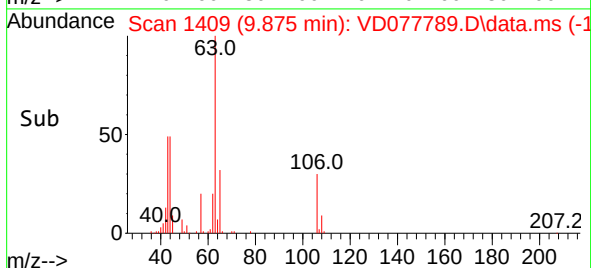
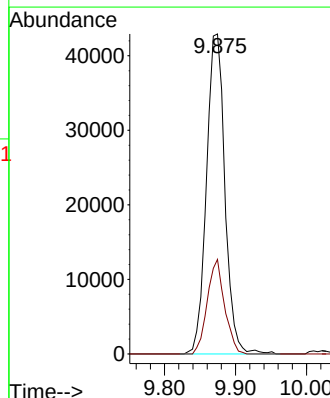
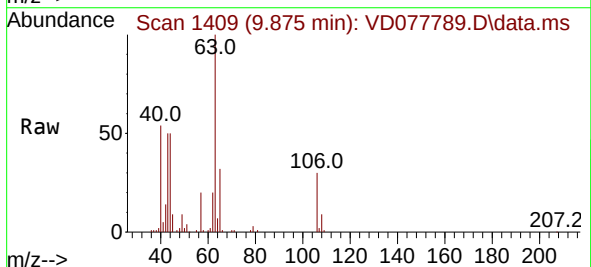
Acq: 08 Dec 2023 13:22

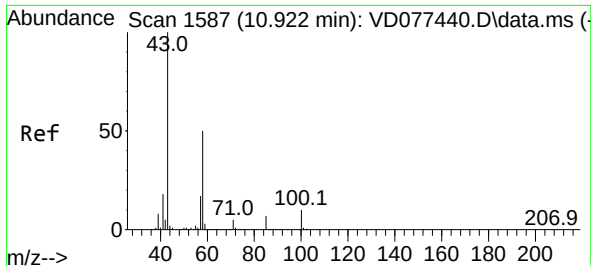
Tgt Ion: 63 Resp: 77529

Ion Ratio Lower Upper

63 100

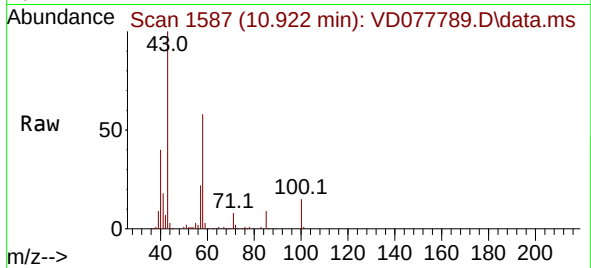
106 27.6 25.3 37.9





#59
2-Hexanone
Concen: 105.463 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

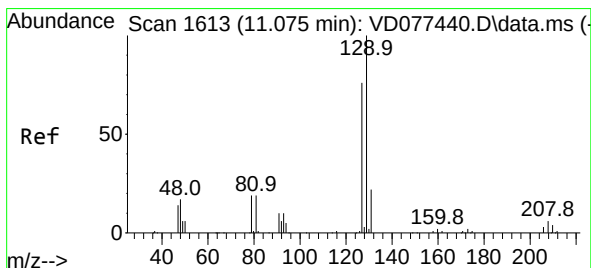
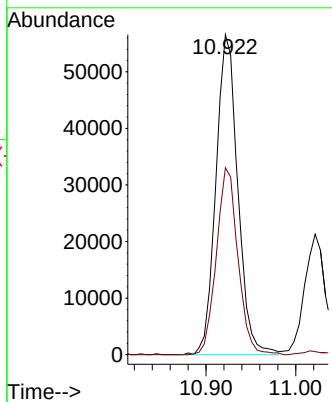
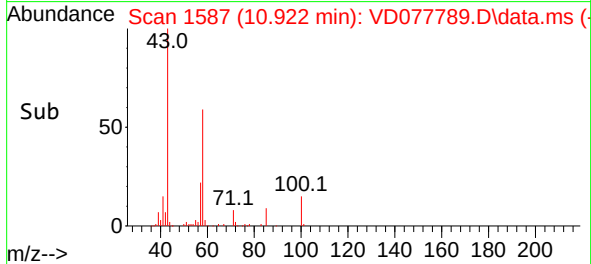
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 9574
Ion Ratio Lower Upper
43 100
58 57.5 34.1 102.2

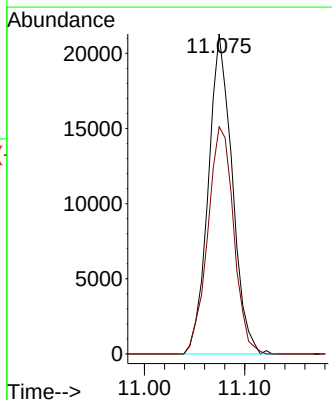
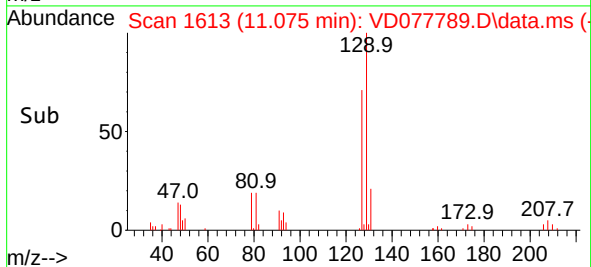
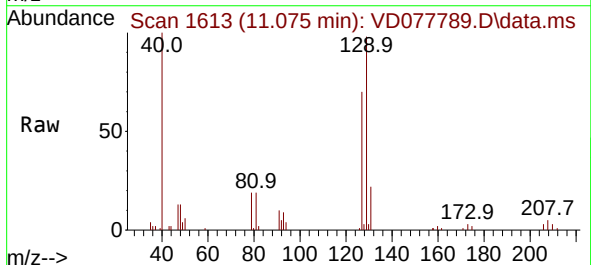
Manual Integrations
APPROVED

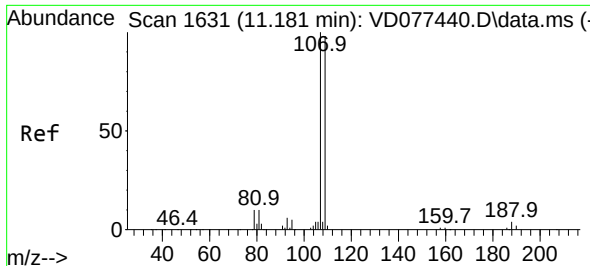
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#60
Dibromochloromethane
Concen: 18.915 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:129 Resp: 35177
Ion Ratio Lower Upper
129 100
127 77.0 37.1 111.5





#61
1,2-Dibromoethane
Concen: 19.091 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

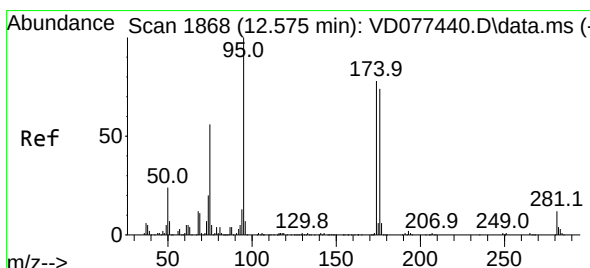
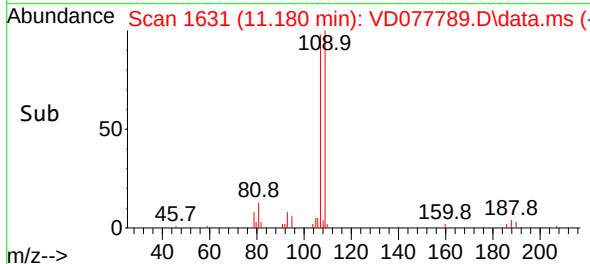
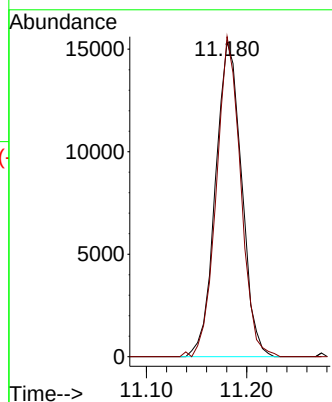
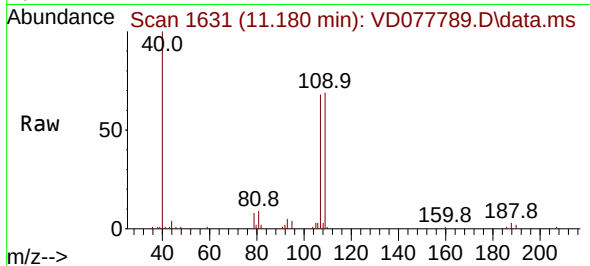
VSTDIC020

Tgt Ion:107 Resp: 27758
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4

Manual Integrations

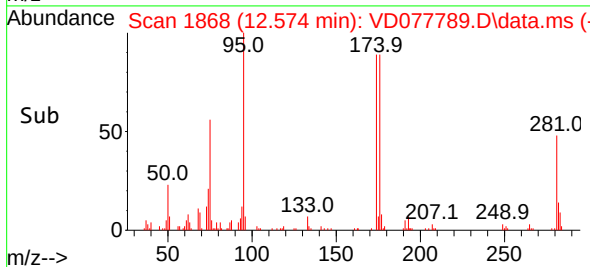
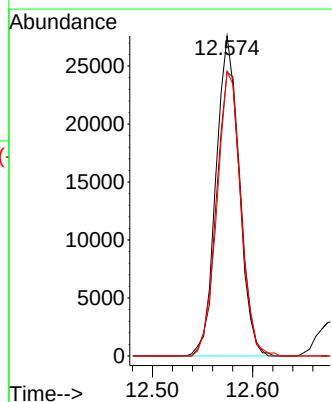
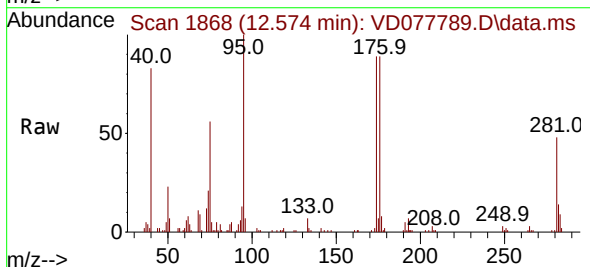
APPROVED

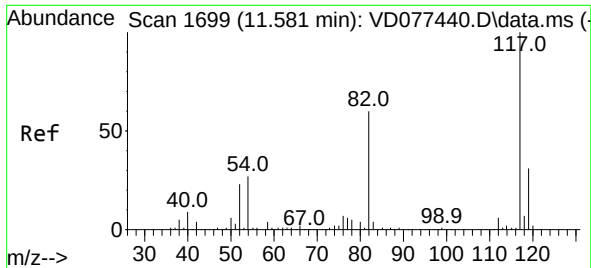
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#62
4-Bromofluorobenzene
Concen: 19.022 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 95 Resp: 44049
Ion Ratio Lower Upper
95 100
174 94.0 0.0 201.8
176 91.9 0.0 191.8





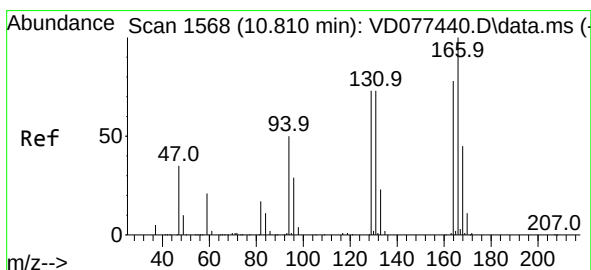
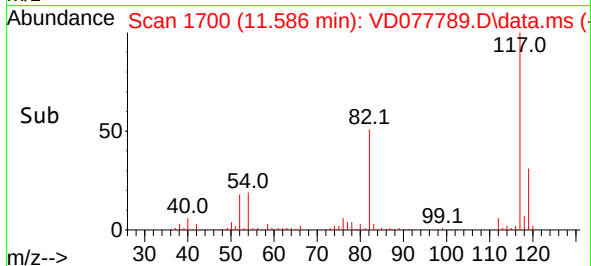
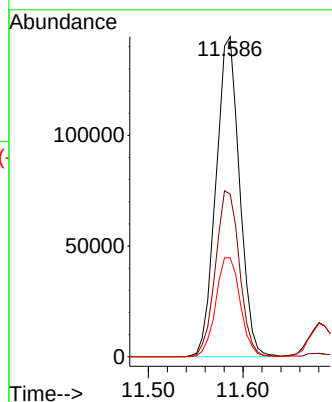
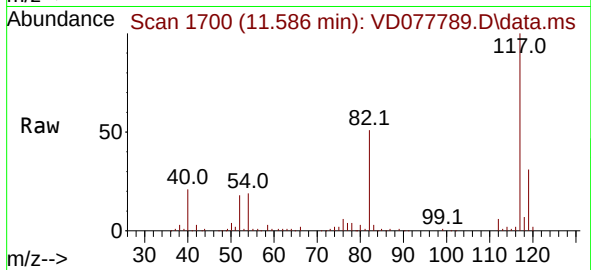
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 25059
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 30.9 25.0 37.4

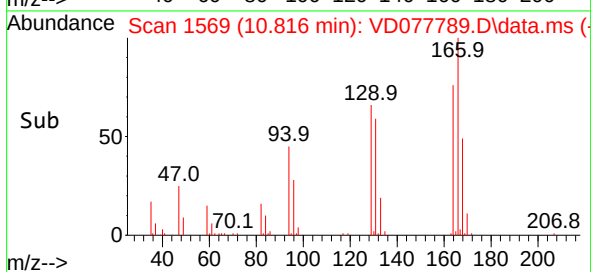
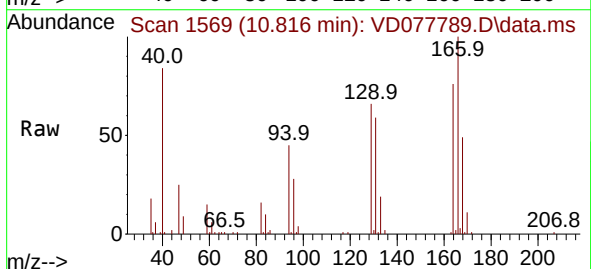
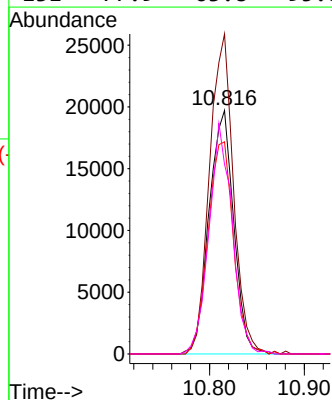
Manual Integrations
APPROVED

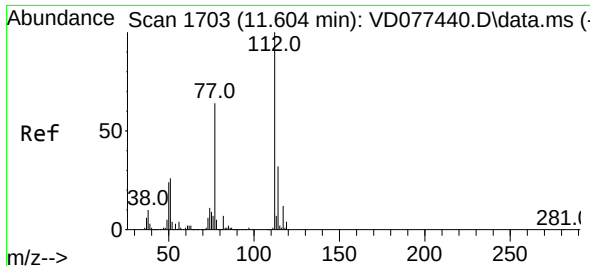
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#64
Tetrachloroethene
Concen: 19.300 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

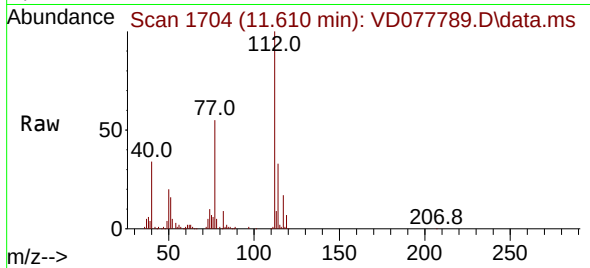
Tgt Ion:164 Resp: 35548
Ion Ratio Lower Upper
164 100
166 131.4 99.2 148.8
129 87.1 68.4 102.6
131 77.9 63.8 95.8





#65
Chlorobenzene
Concen: 18.193 ug/l
RT: 11.610 min Scan# 11445
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

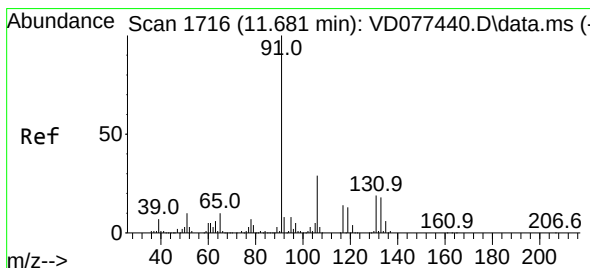
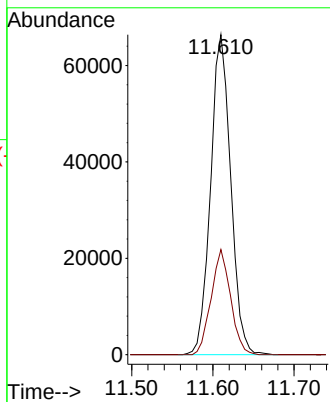
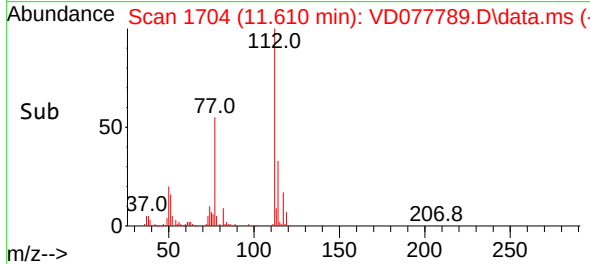
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



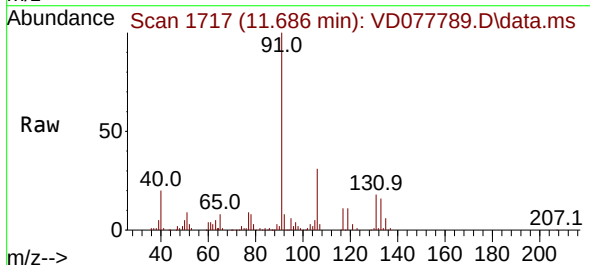
Tgt Ion:112 Resp: 11445
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7

Manual Integrations
APPROVED

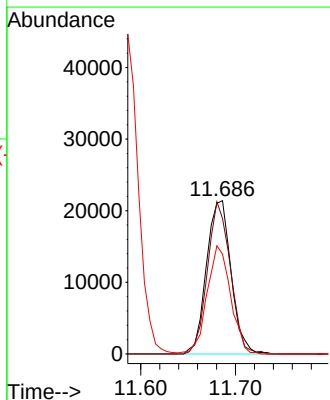
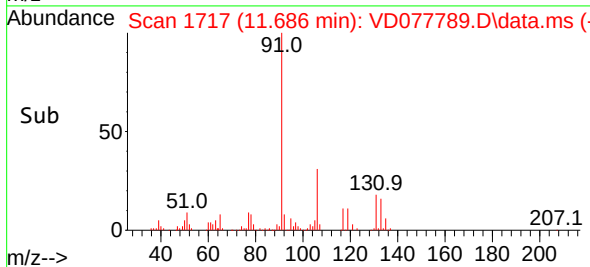
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

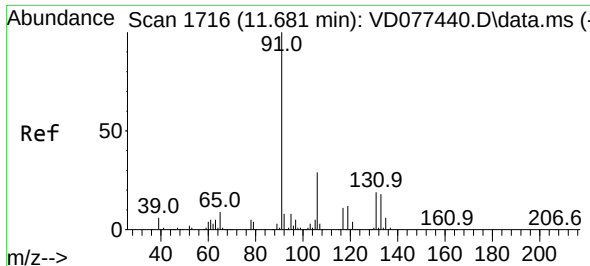


#66
1,1,1,2-Tetrachloroethane
Concen: 18.505 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22



Tgt Ion:131 Resp: 38561
Ion Ratio Lower Upper
131 100
133 92.9 48.5 145.5
119 67.5 35.6 106.9





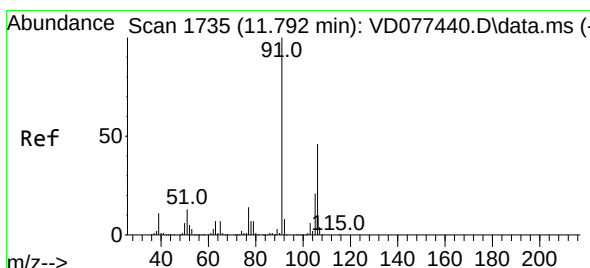
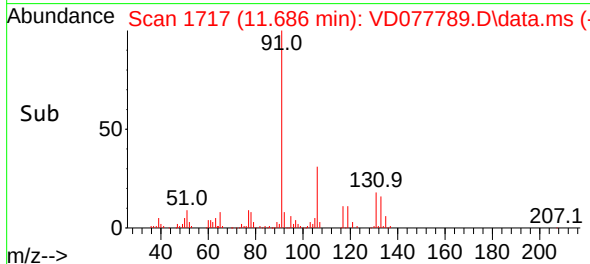
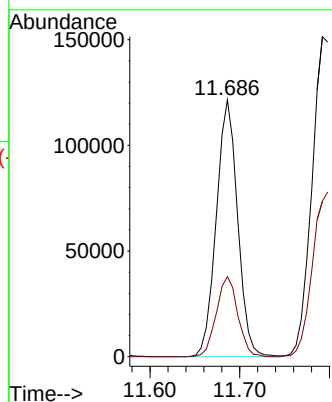
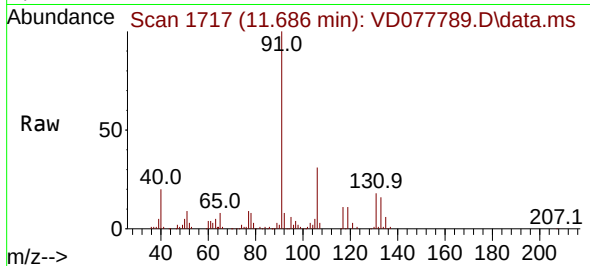
#67
Ethyl Benzene
Concen: 19.192 ug/l
RT: 11.686 min Scan# 1716
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 20023
Ion Ratio Lower Upper
91 100
106 31.2 26.5 39.7

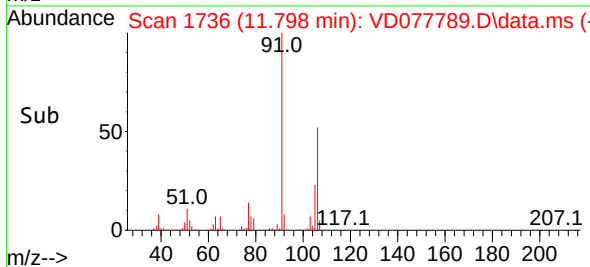
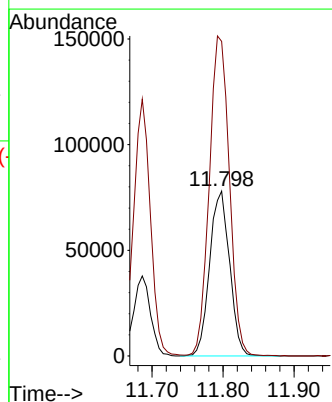
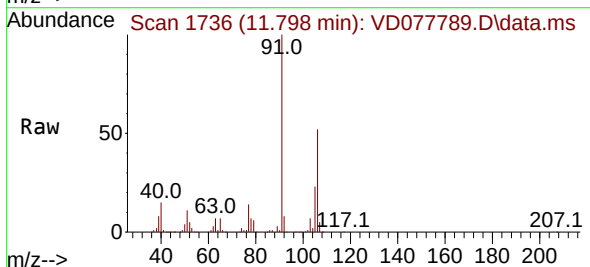
Manual Integrations
APPROVED

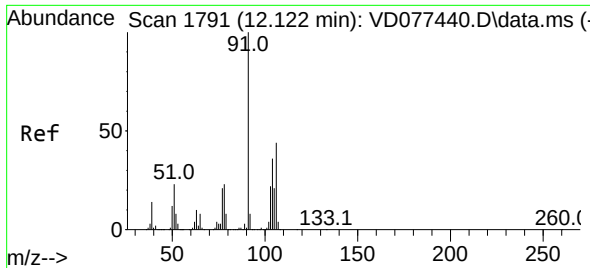
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#68
m/p-Xylenes
Concen: 38.112 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:106 Resp: 152091
Ion Ratio Lower Upper
106 100
91 196.1 147.0 220.6





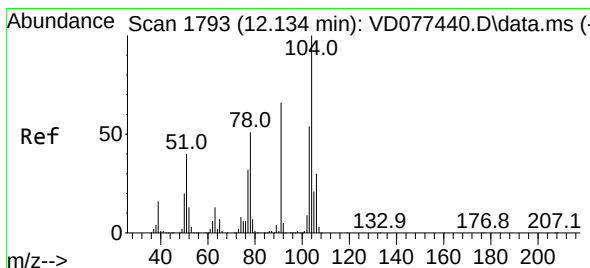
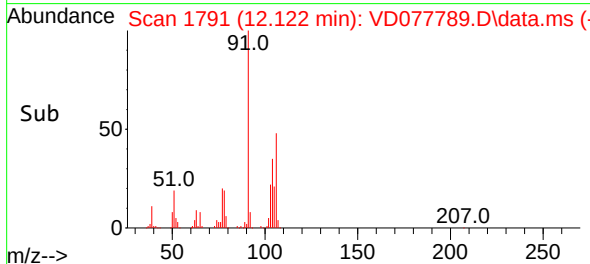
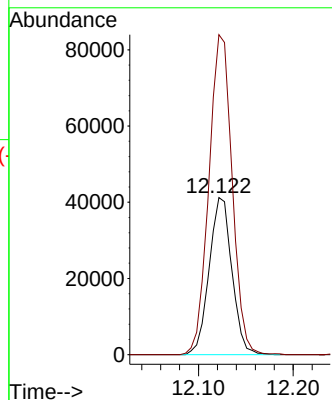
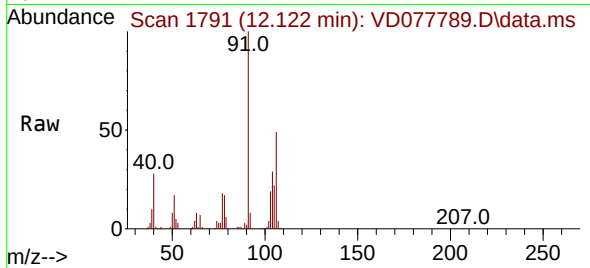
#69
o-Xylene
Concen: 18.723 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 68859
Ion Ratio Lower Upper
106 100
91 208.7 97.9 293.6

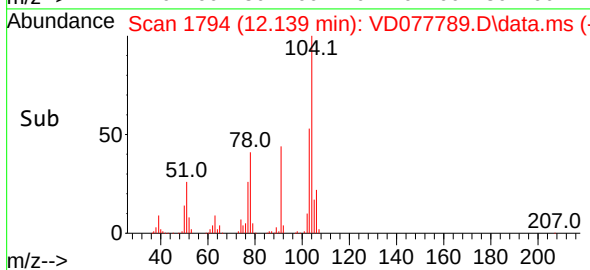
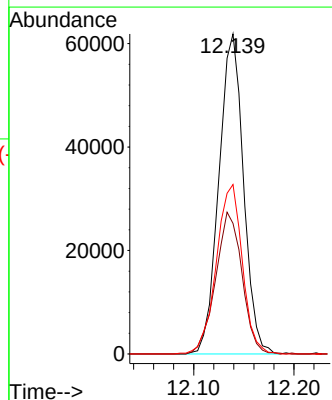
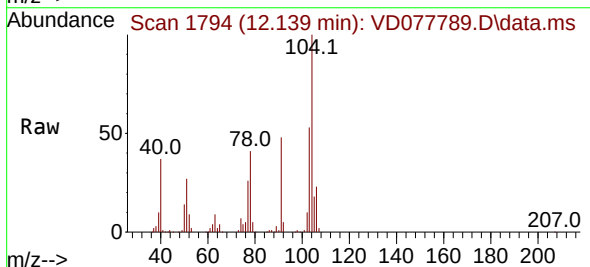
Manual Integrations
APPROVED

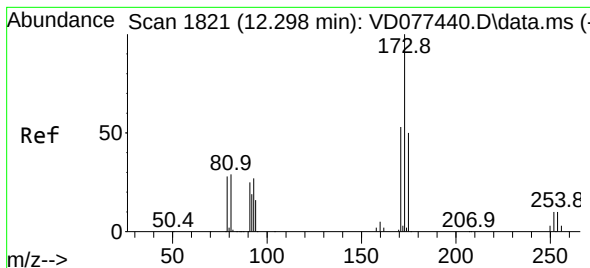
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#70
Styrene
Concen: 19.258 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:104 Resp: 105320
Ion Ratio Lower Upper
104 100
78 47.6 33.2 49.8
103 56.0 43.6 65.4





#71

Bromoform

Concen: 19.475 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

Instrument :

MSVOA_D

ClientSampleId :

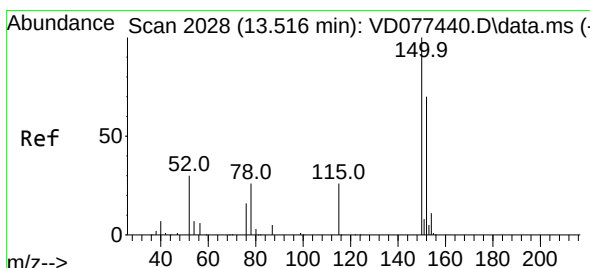
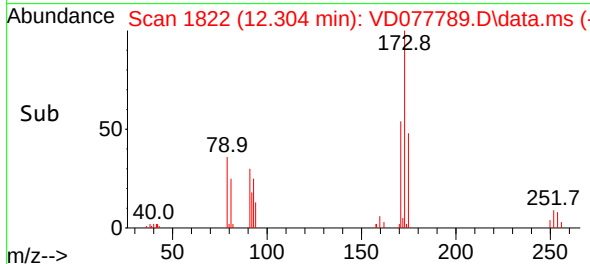
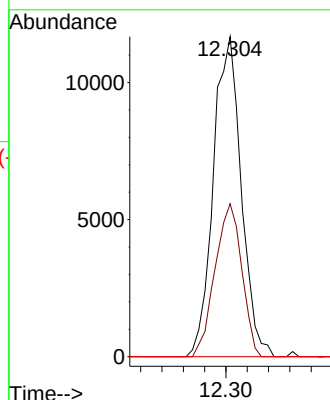
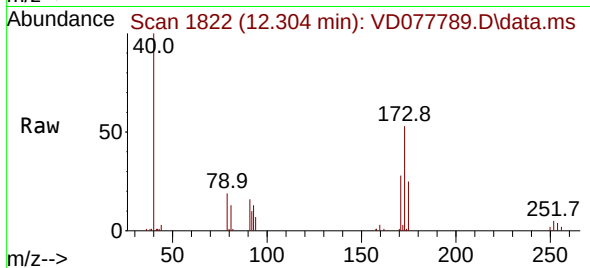
VSTDIC020

Tgt Ion:	173	Resp:	2120
Ion Ratio	Lower	Upper	
173	100		
175	45.7	24.6	73.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

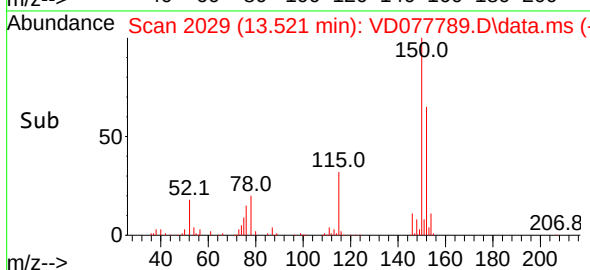
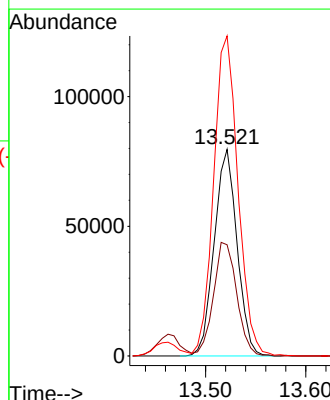
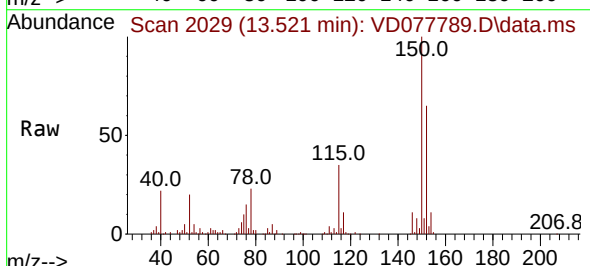
RT: 13.521 min Scan# 2029

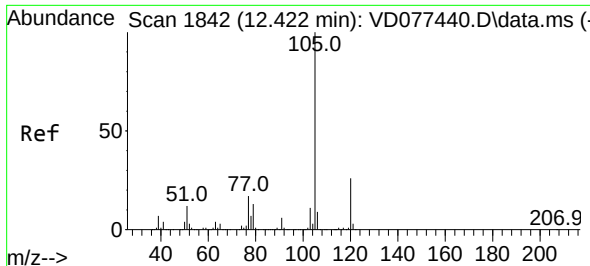
Delta R.T. 0.005 min

Lab File: VD077789.D

Acq: 08 Dec 2023 13:22

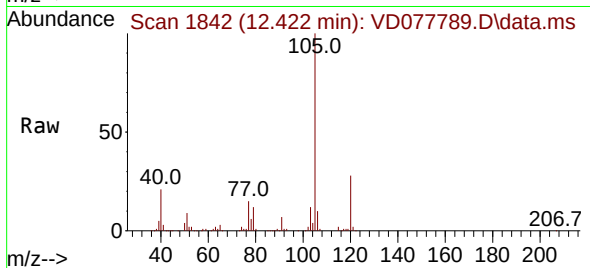
Tgt Ion:	152	Resp:	125774
Ion Ratio	Lower	Upper	
152	100		
115	56.2	27.1	81.3
150	165.2	0.0	353.6





#73
Isopropylbenzene
Concen: 19.233 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

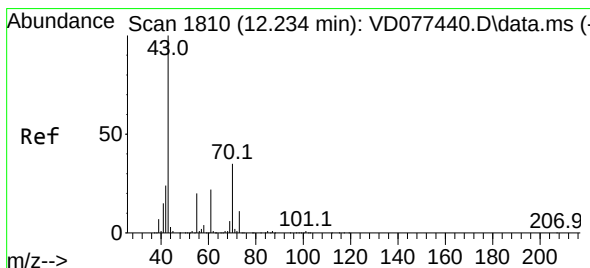
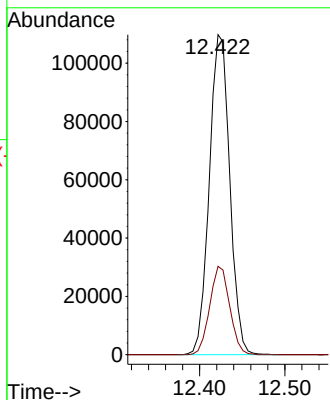
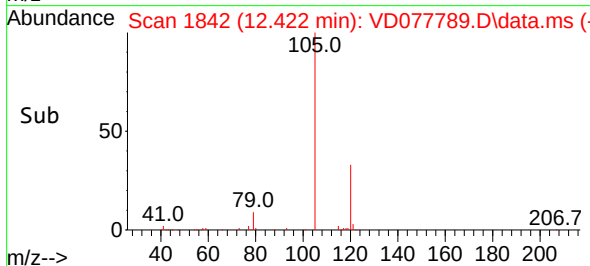
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 18334
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9

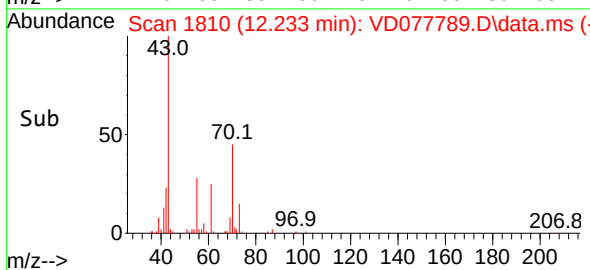
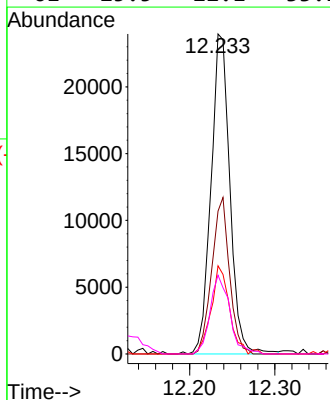
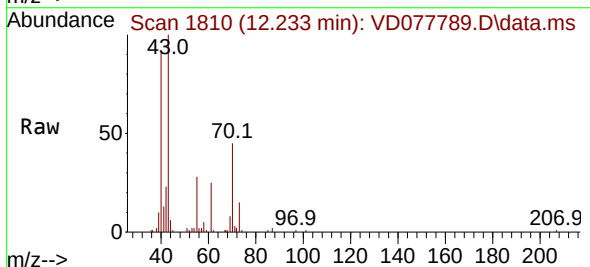
Manual Integrations
APPROVED

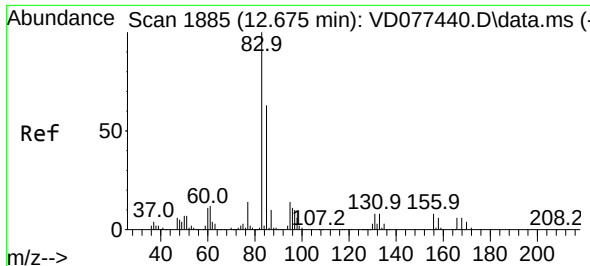
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#74
N-ethyl acetate
Concen: 19.718 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

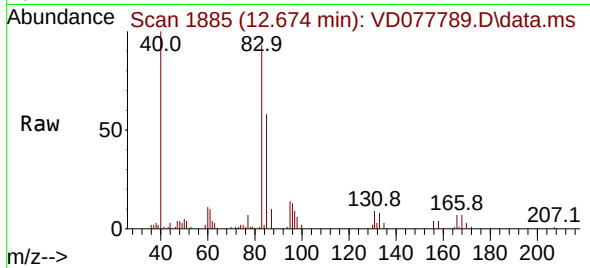
Tgt Ion: 43 Resp: 36949
Ion Ratio Lower Upper
43 100
70 45.8 45.0 67.4
55 27.0 23.8 35.6
61 25.5 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 19.896 ug/l
RT: 12.674 min Scan# 1885
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

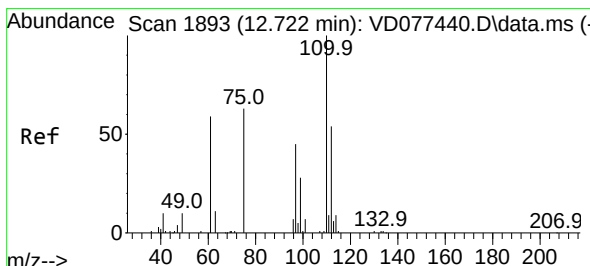
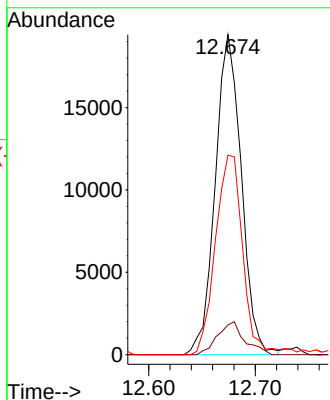
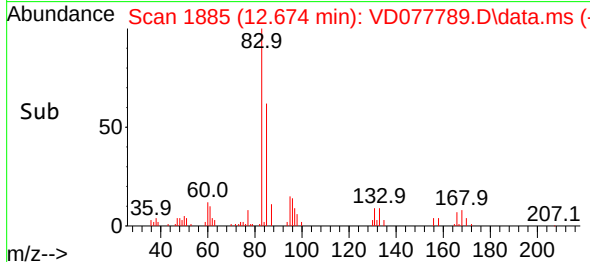
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



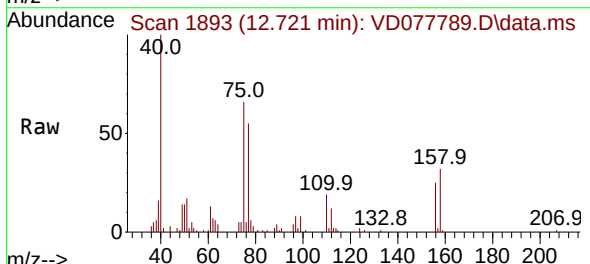
Tgt Ion: 83 Resp: 33070
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 65.5 32.6 97.8

Manual Integrations
APPROVED

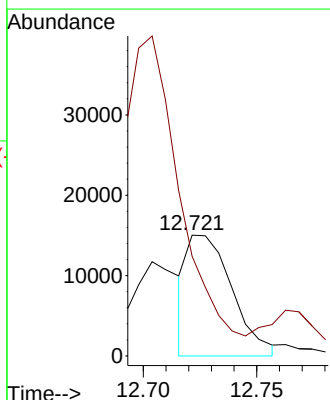
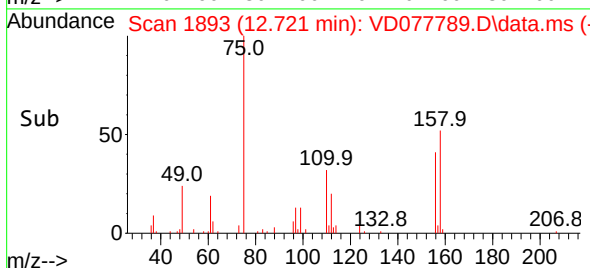
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

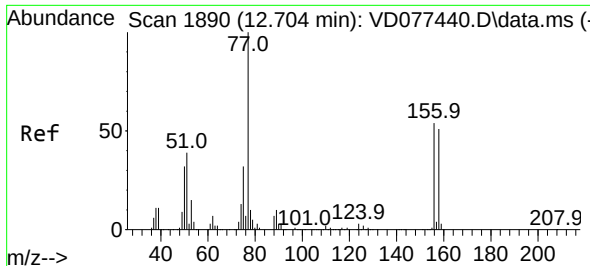


#76
1,2,3-Trichloropropane
Concen: 18.935 ug/l m
RT: 12.721 min Scan# 1893
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22



Tgt Ion: 75 Resp: 20684
Ion Ratio Lower Upper
75 100
77 363.0 0.0 0.0#





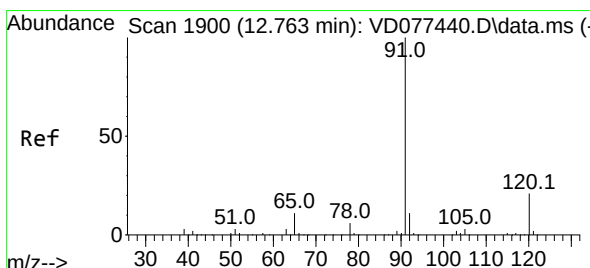
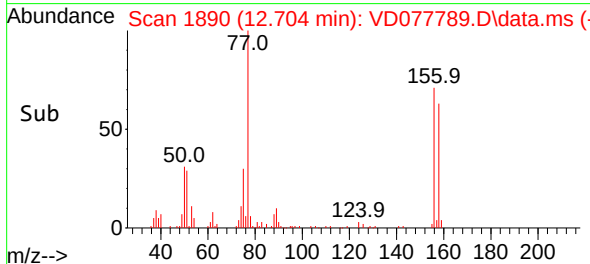
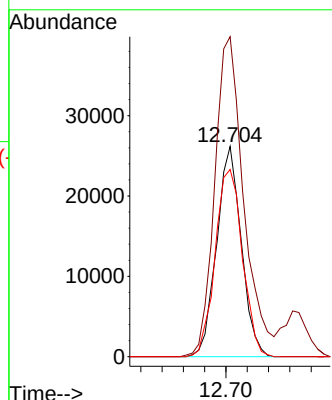
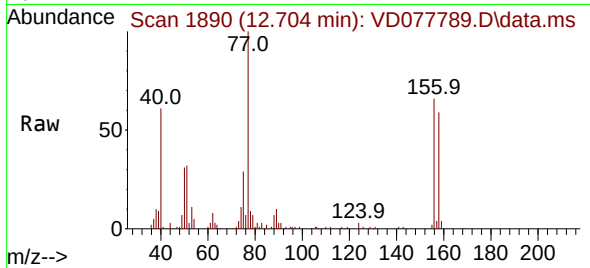
#77
Bromobenzene
Concen: 18.710 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 4195
Ion Ratio Lower Upper
156 100
77 179.0 76.8 230.4
158 98.5 48.6 145.9

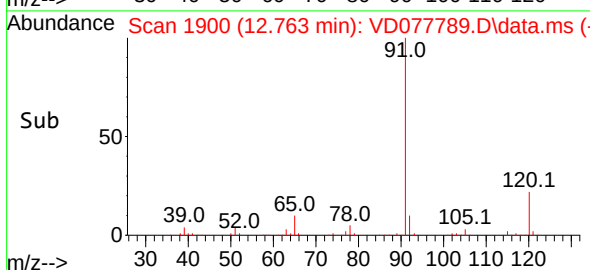
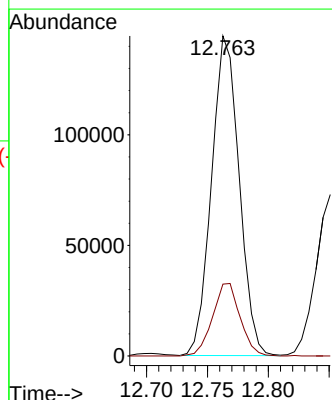
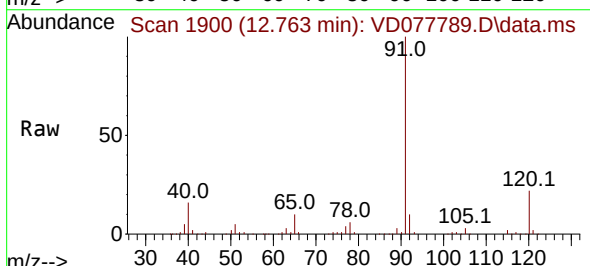
Manual Integrations
APPROVED

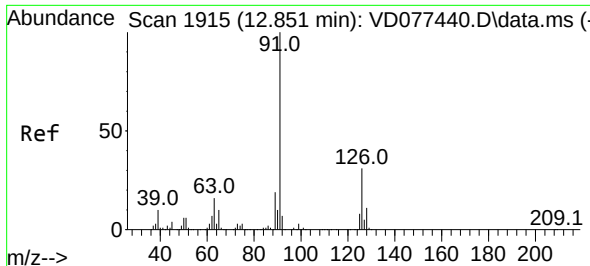
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#78
n-propylbenzene
Concen: 19.632 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 91 Resp: 228042
Ion Ratio Lower Upper
91 100
120 22.6 12.4 37.2





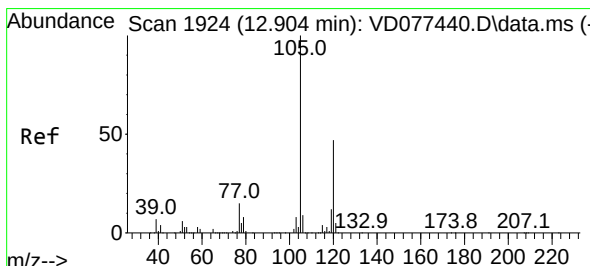
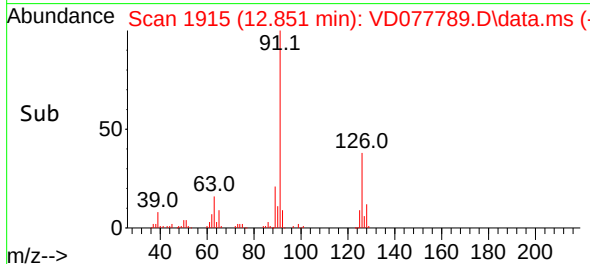
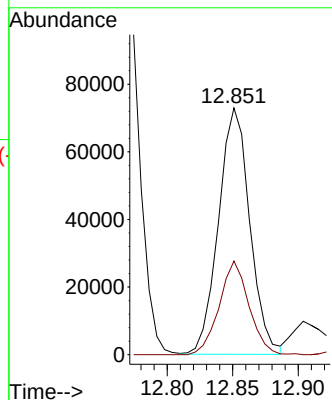
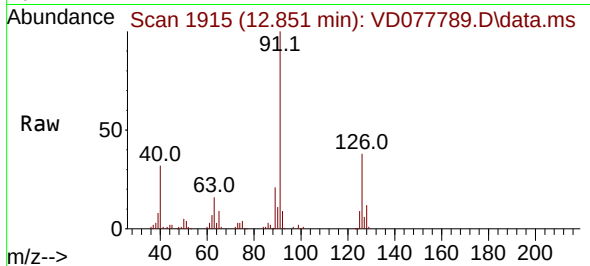
#79
2-Chlorotoluene
Concen: 19.435 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 12098
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1

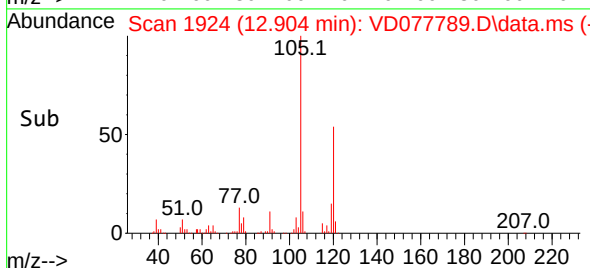
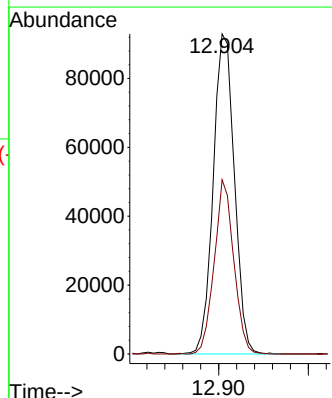
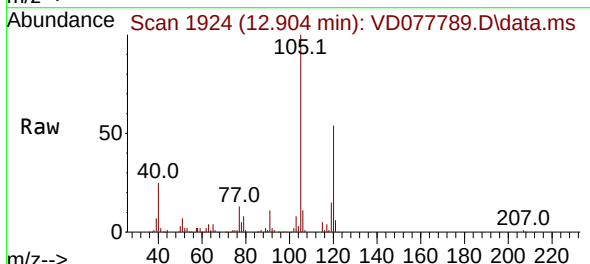
Manual Integrations
APPROVED

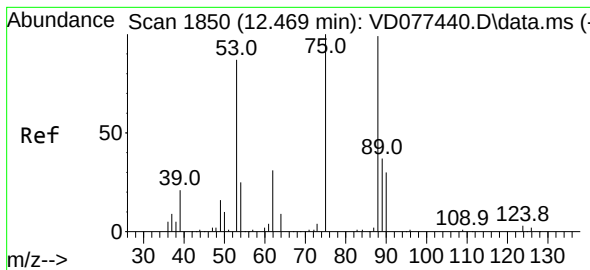
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.120 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:105 Resp: 152010
Ion Ratio Lower Upper
105 100
120 50.3 26.4 79.2





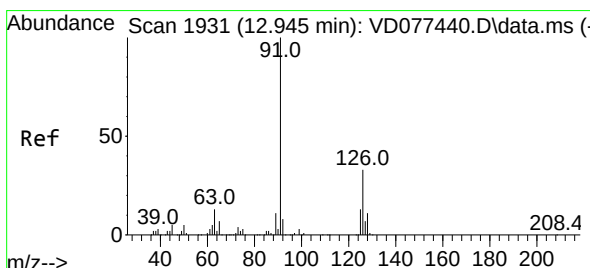
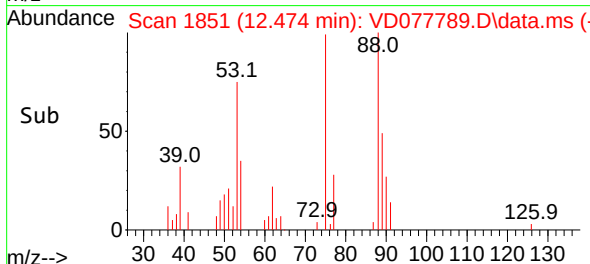
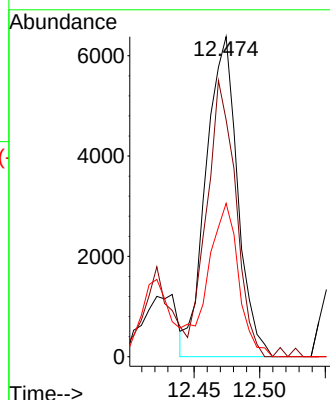
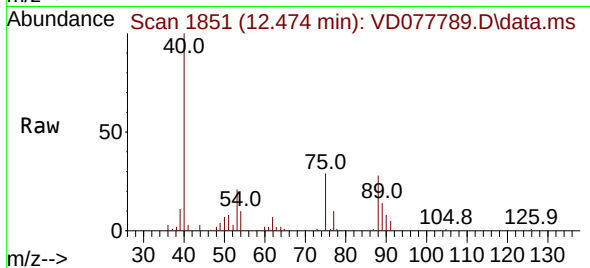
#81
trans-1,4-Dichloro-2-butene
Concen: 19.783 ug/l
RT: 12.474 min Scan# 1851
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 10660
Ion Ratio Lower Upper
75 100
53 78.7 63.0 94.4
89 43.5 37.9 56.9

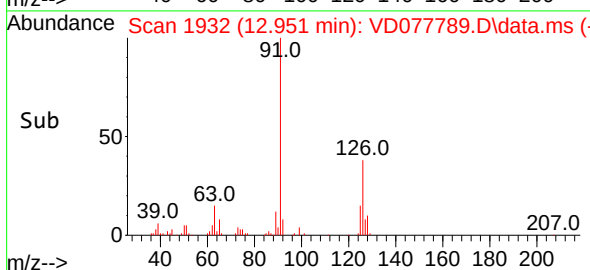
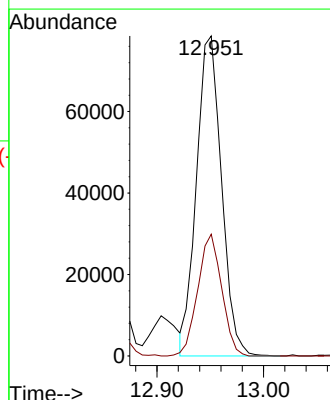
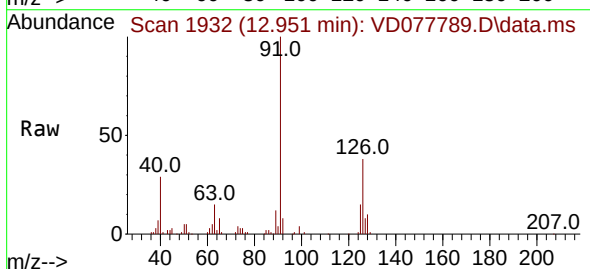
Manual Integrations
APPROVED

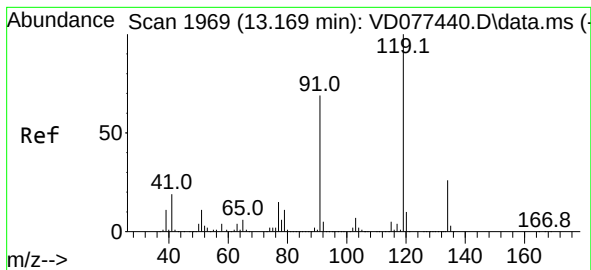
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#82
4-Chlorotoluene
Concen: 19.767 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion: 91 Resp: 128638
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.4





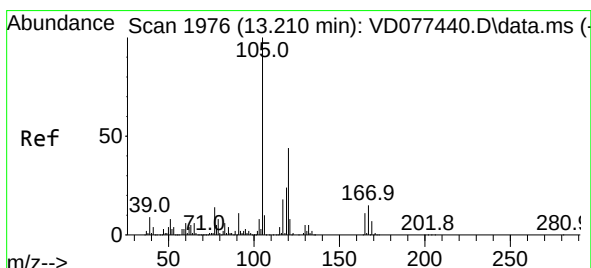
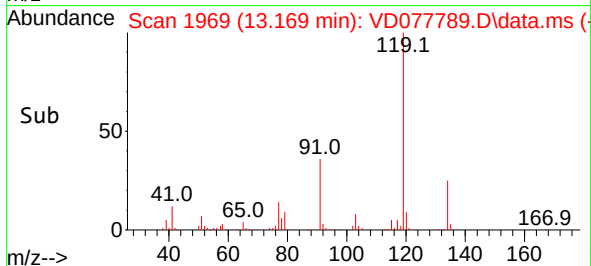
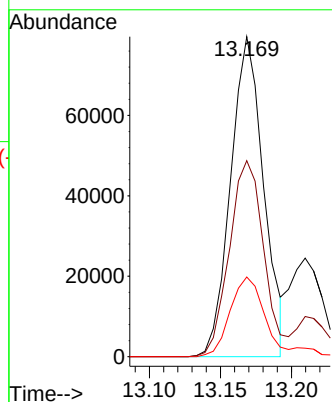
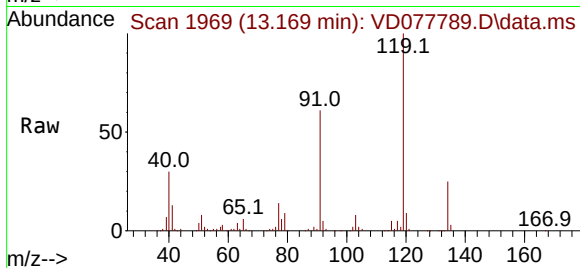
#83
tert-Butylbenzene
Concen: 19.164 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 12863
Ion Ratio Lower Upper
119 100
91 64.3 29.3 87.8
134 25.5 14.1 42.3

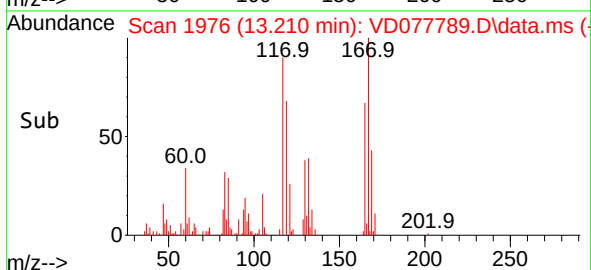
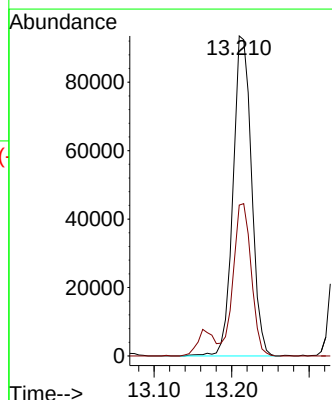
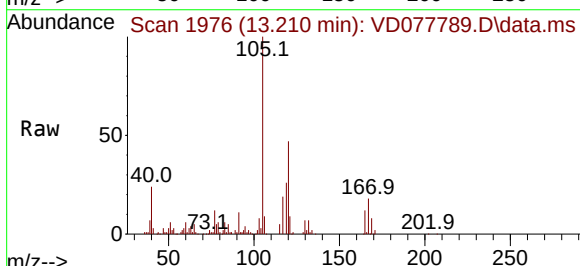
Manual Integrations
APPROVED

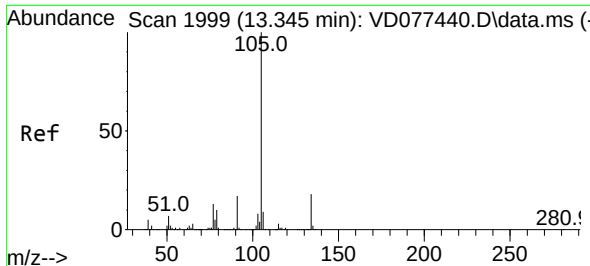
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.528 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

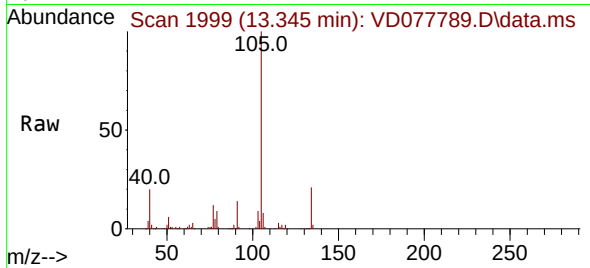
Tgt Ion:105 Resp: 155288
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 19.316 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077789.D
 Acq: 08 Dec 2023 13:22

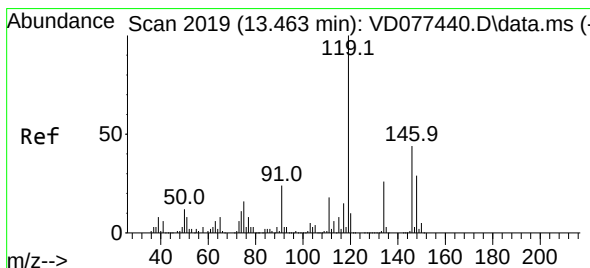
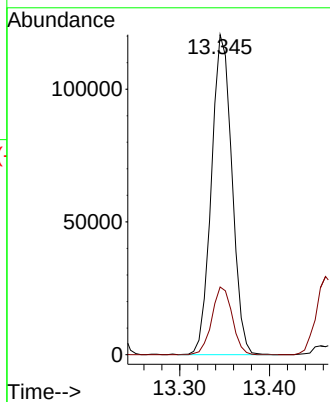
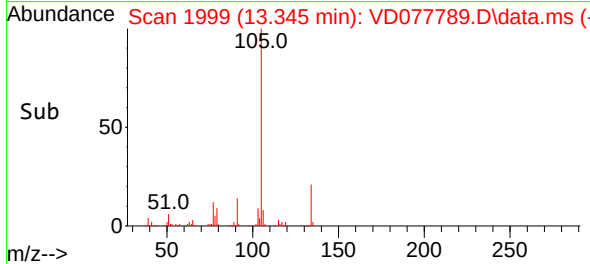
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 19164
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.9 32.9

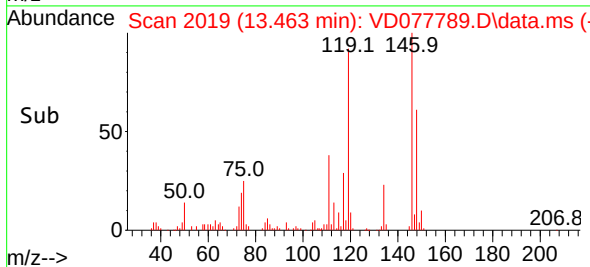
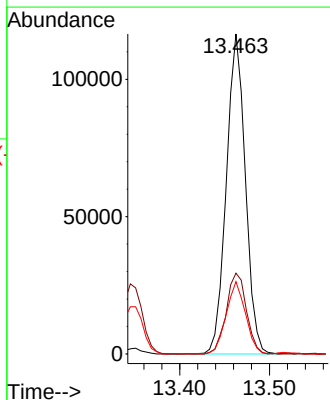
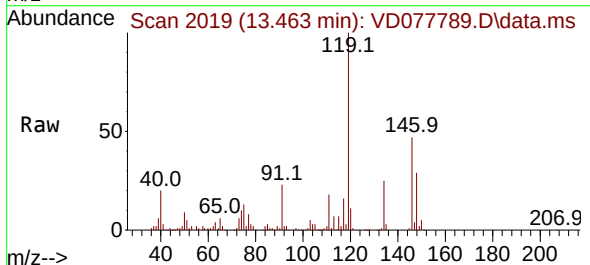
Manual Integrations
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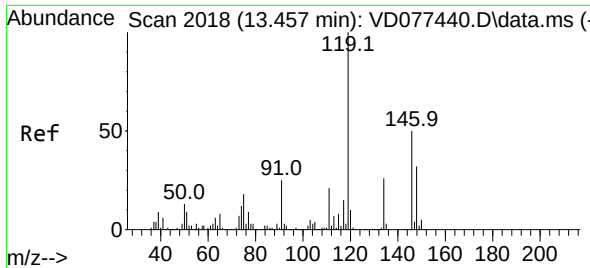
Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023



#86
 p-Isopropyltoluene
 Concen: 19.289 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077789.D
 Acq: 08 Dec 2023 13:22

Tgt Ion:119 Resp: 171343
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 22.9 10.5 31.5





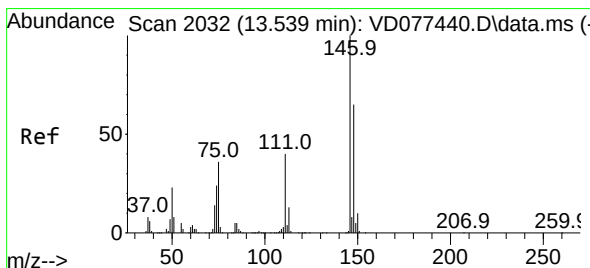
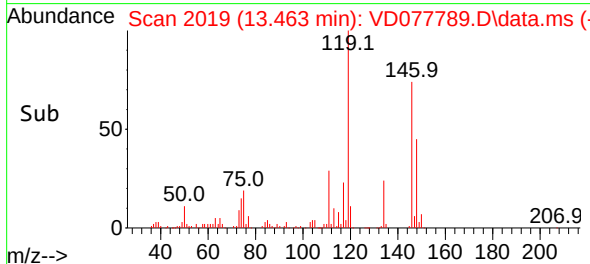
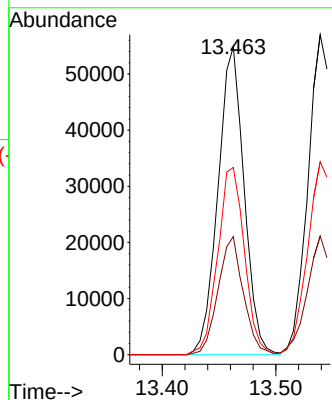
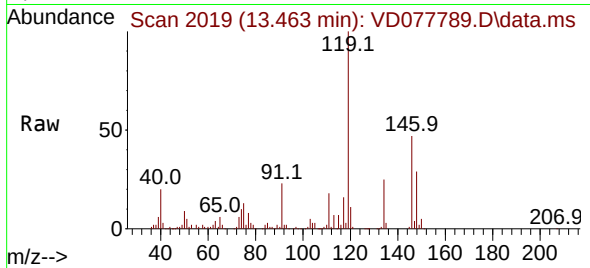
#87
1,3-Dichlorobenzene
Concen: 19.140 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 8776
Ion Ratio Lower Upper
146 100
111 37.0 17.9 53.8
148 61.9 32.3 96.8

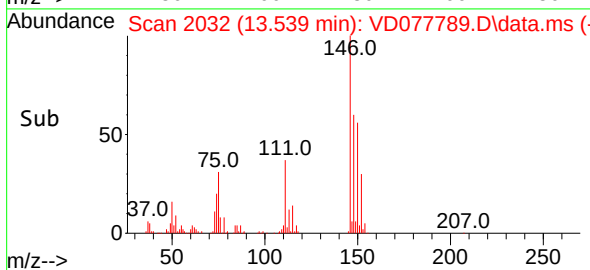
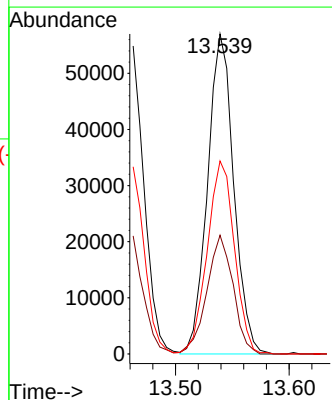
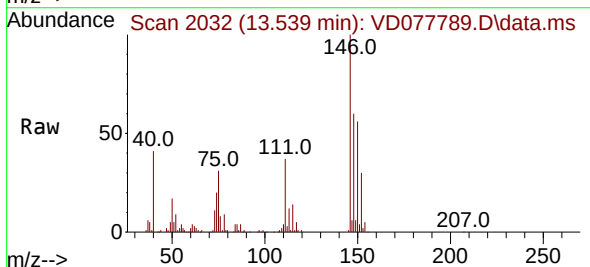
Manual Integrations
APPROVED

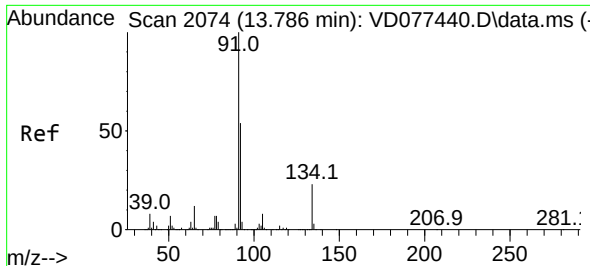
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#88
1,4-Dichlorobenzene
Concen: 18.971 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

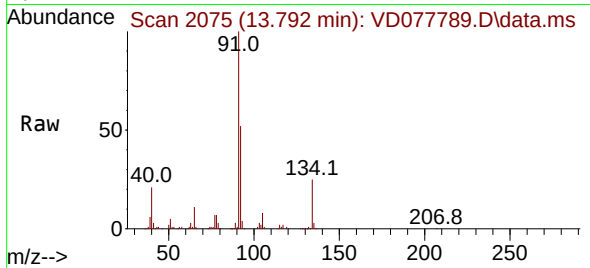
Tgt Ion:146 Resp: 91384
Ion Ratio Lower Upper
146 100
111 37.2 17.4 52.3
148 62.6 31.7 95.1





#89
n-Butylbenzene
Concen: 19.431 ug/l
RT: 13.792 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

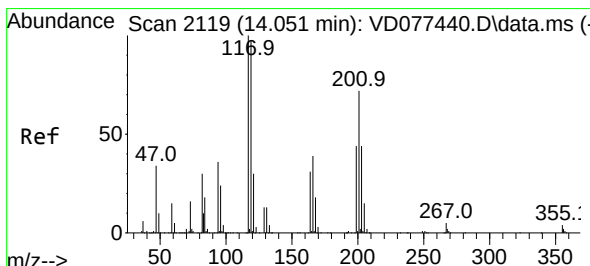
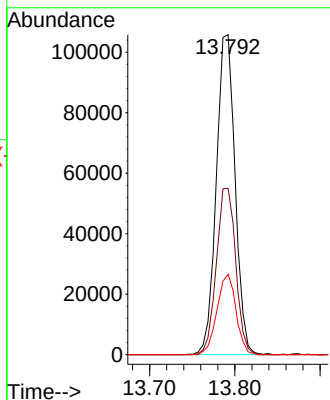
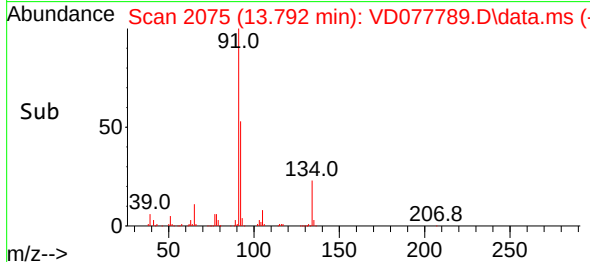
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 16241
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.5
134 25.4 13.8 41.3

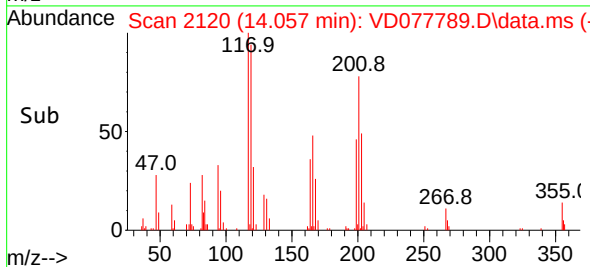
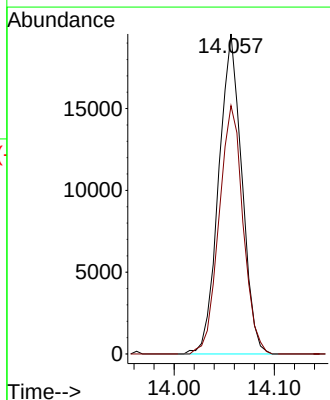
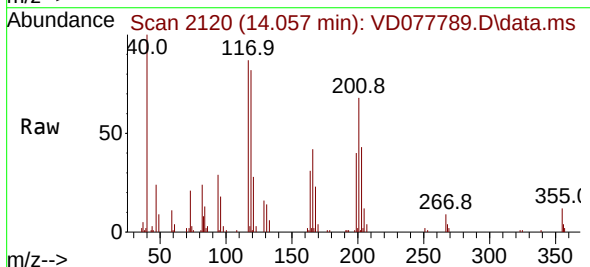
Manual Integrations
APPROVED

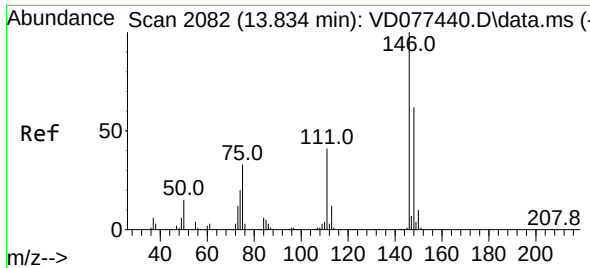
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#90
Hexachloroethane
Concen: 19.155 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Tgt Ion:117 Resp: 31292
Ion Ratio Lower Upper
117 100
201 80.4 38.5 115.5





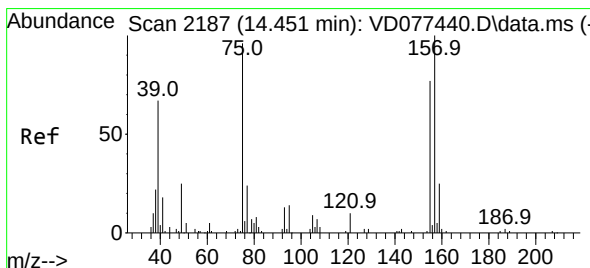
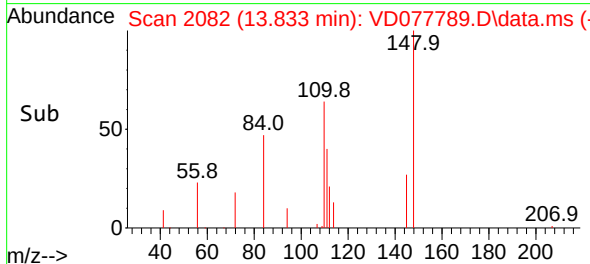
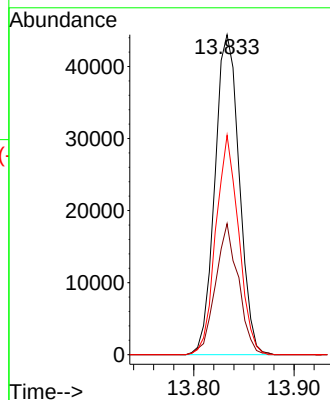
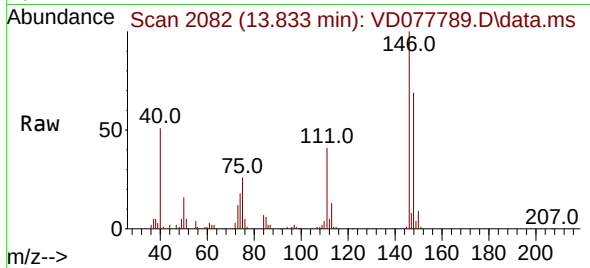
#91
1,2-Dichlorobenzene
Concen: 19.191 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 74839
Ion Ratio Lower Upper
146 100
111 38.6 18.3 54.8
148 64.2 31.6 94.7

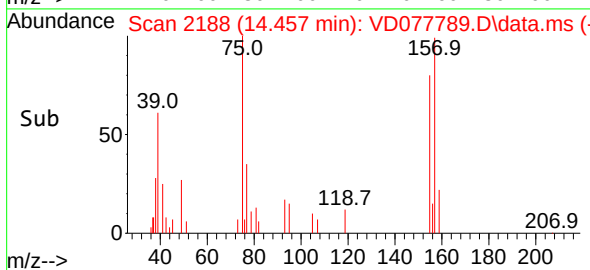
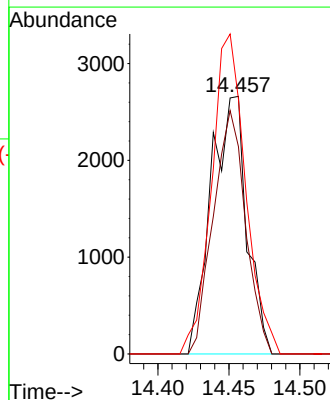
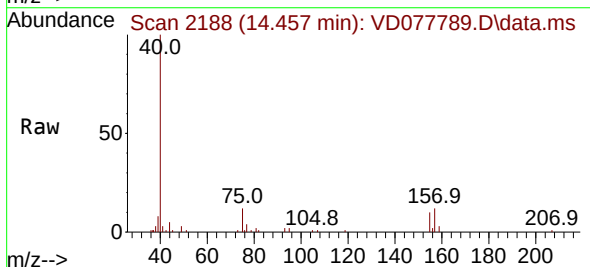
Manual Integrations
APPROVED

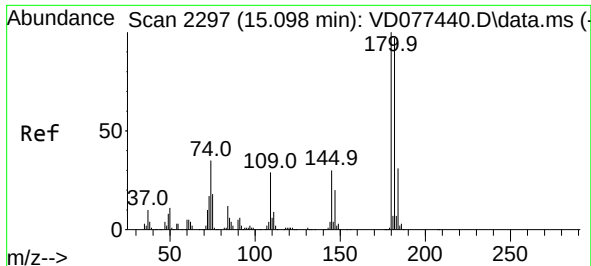
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.805 ug/l
RT: 14.457 min Scan# 2188
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

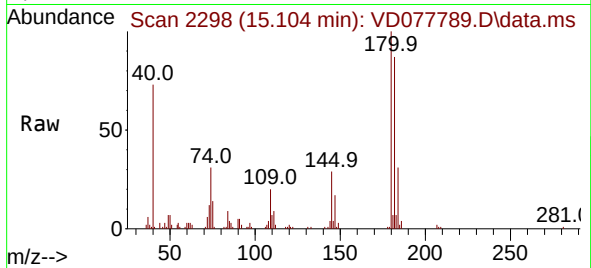
Tgt Ion: 75 Resp: 4675
Ion Ratio Lower Upper
75 100
155 84.9 47.9 143.8
157 117.9 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 18.803 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

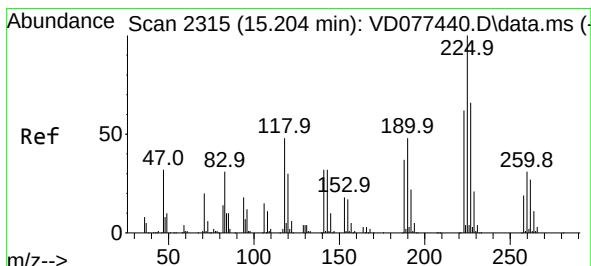
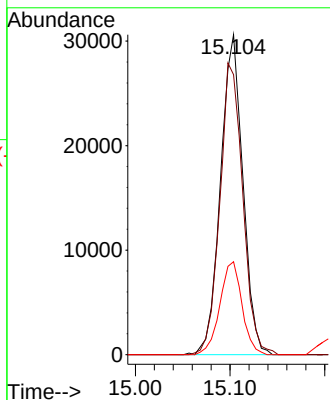
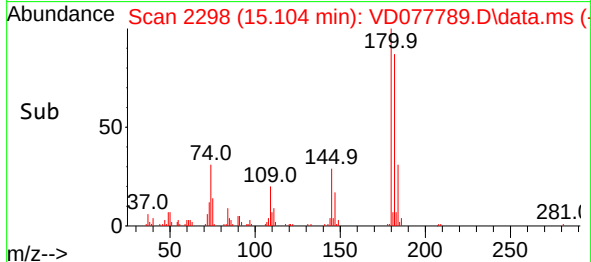
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



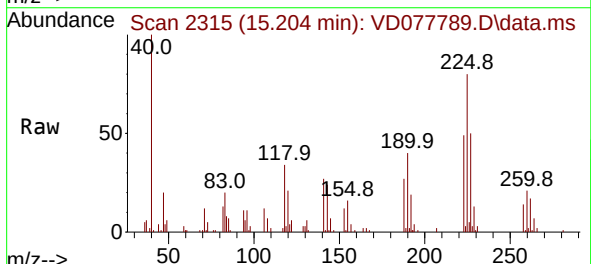
Tgt Ion:180 Resp: 50085
Ion Ratio Lower Upper
180 100
182 93.5 48.5 145.6
145 28.9 14.2 42.6

Manual Integrations
APPROVED

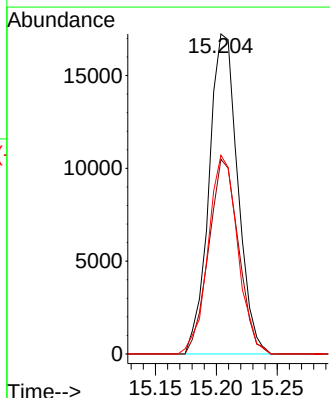
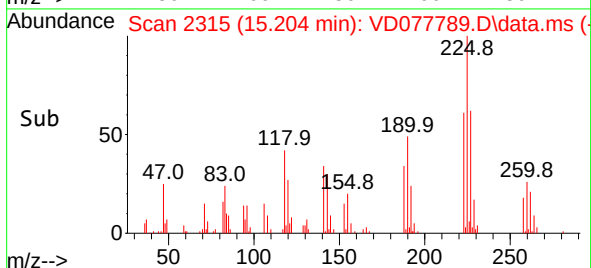
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

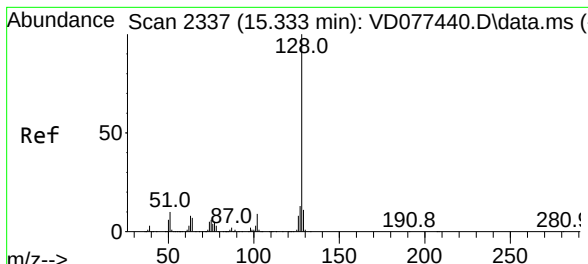


#94
Hexachlorobutadiene
Concen: 19.692 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22



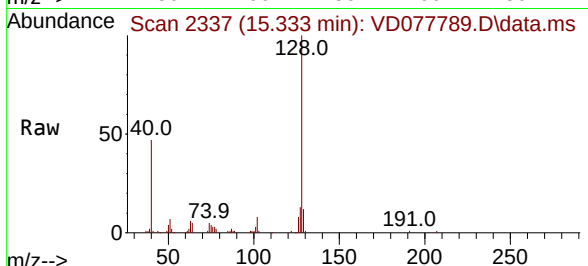
Tgt Ion:225 Resp: 28285
Ion Ratio Lower Upper
225 100
223 63.0 31.6 94.8
227 63.8 31.7 95.1





#95
Naphthalene
Concen: 19.607 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22

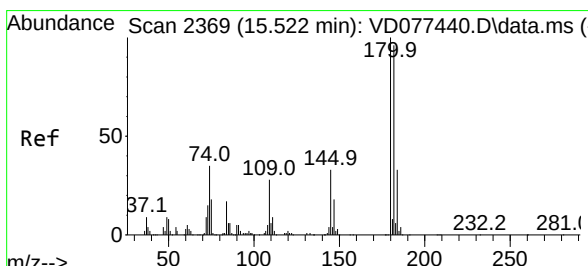
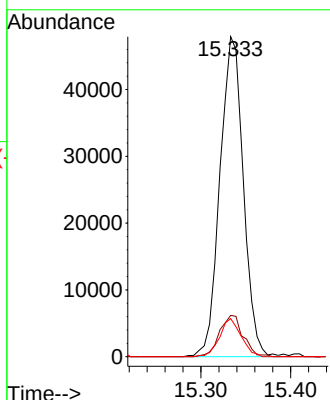
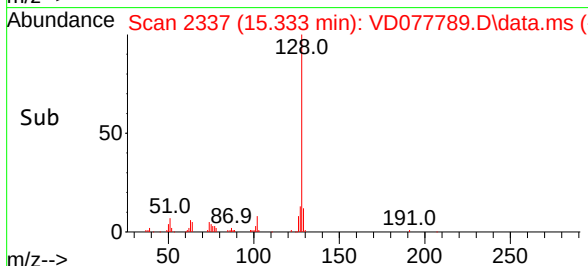
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



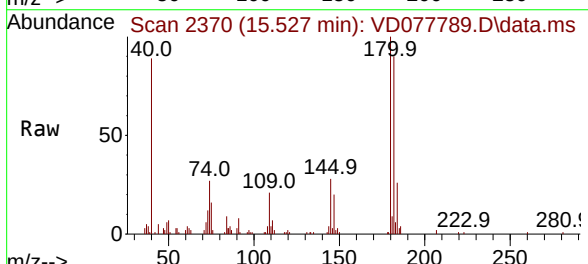
Tgt Ion:128 Resp: 86770
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.866 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. 0.005 min
Lab File: VD077789.D
Acq: 08 Dec 2023 13:22



Tgt Ion:180 Resp: 43626
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 30.5 15.1 45.3

