

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120920\
 Data File : VX019795.D
 Acq On : 09 Dec 2020 22:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:30:31 AM

Quant Time: Dec 10 06:48:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	277704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	414976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208257	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	176303	48.30	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.60%	
35) Dibromofluoromethane		5.46	113	145747	49.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.38%	
50) Toluene-d8		8.70	98	553658	49.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.88%	
62) 4-Bromofluorobenzene		11.12	95	212421	49.84	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	128561	50.565	ug/l	99
3) Chloromethane	1.31	50	134609	45.018	ug/l	99
4) Vinyl Chloride	1.39	62	162102	51.415	ug/l	100
5) Bromomethane	1.62	94	48203	46.045	ug/l	98
6) Chloroethane	1.70	64	103312	54.549	ug/l	98
7) Trichlorofluoromethane	1.91	101	228241	51.982	ug/l	99
8) Diethyl Ether	2.17	74	94606	50.845	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136576	54.267	ug/l	99
10) Methyl Iodide	2.49	142	160467	43.257	ug/l	100
11) Tert butyl alcohol	3.01	59	196974	262.641	ug/l	100
12) 1,1-Dichloroethene	2.36	96	135919	53.420	ug/l	97
13) Acrolein	2.27	56	77000	191.127	ug/l	98
14) Allyl chloride	2.70	41	217726	50.667	ug/l	98
15) Acrylonitrile	3.11	53	440995	267.270	ug/l	99
16) Acetone	2.42	43	348201	253.812	ug/l	100
17) Carbon Disulfide	2.55	76	339453	46.496	ug/l	100
18) Methyl Acetate	2.75	43	187013	55.706	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	490132	52.895	ug/l	99
20) Methylene Chloride	2.83	84	163815	52.372	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	151559	51.093	ug/l	99
22) Diisopropyl ether	3.82	45	466326	53.673	ug/l	94
23) Vinyl Acetate	3.78	43	1986891	268.424	ug/l	100
24) 1,1-Dichloroethane	3.67	63	273660	52.232	ug/l	100
25) 2-Butanone	4.63	43	562381	266.779	ug/l	100
26) 2,2-Dichloropropane	4.55	77	208128	46.128	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	177858	51.235	ug/l	99
28) Bromochloromethane	4.98	49	120940	48.422	ug/l	99
29) Tetrahydrofuran	5.09	42	363083	267.330	ug/l	99
30) Chloroform	5.17	83	286356	53.155	ug/l	99
31) Cyclohexane	5.54	56	235284	51.823	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	244430	52.686	ug/l	100
36) 1,1-Dichloropropene	5.76	75	206100	50.255	ug/l	99
37) Ethyl Acetate	4.79	43	216613	52.313	ug/l	100
38) Carbon Tetrachloride	5.75	117	206080	51.315	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	243885	50.617	ug/l	100
40) Benzene	6.11	78	641491	51.207	ug/l	99
41) Methacrylonitrile	5.00	41	118785	52.249	ug/l	99
42) 1,2-Dichloroethane	6.16	62	222807	52.055	ug/l	99
43) Isopropyl Acetate	6.41	43	347619	51.637	ug/l	99
44) Trichloroethene	7.18	130	164904	50.170	ug/l	98
45) 1,2-Dichloropropane	7.49	63	164080	52.405	ug/l	97
46) Dibromomethane	7.63	93	110338	52.185	ug/l	100
47) Bromodichloromethane	7.87	83	220818	52.631	ug/l	99
48) Methyl methacrylate	7.74	41	174557	52.723	ug/l	99
49) 1,4-Dioxane	7.71	88	84899	1058.538	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1106855	269.303	ug/l	100
52) Toluene	8.76	92	405821	51.795	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	236212	50.734	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	260072	51.417	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	165946	52.556	ug/l	98
56) Ethyl methacrylate	9.16	69	255076	53.395	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278859	51.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	689705	272.530	ug/l	100
59) 2-Hexanone	9.47	43	848993	266.489	ug/l	99
60) Dibromochloromethane	9.56	129	172442	53.754	ug/l	100
61) 1,2-Dibromoethane	9.65	107	174143	51.939	ug/l	100
64) Tetrachloroethene	9.32	164	143247	51.474	ug/l	95
65) Chlorobenzene	10.12	112	427343	51.690	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	159586	53.630	ug/l	99
67) Ethyl Benzene	10.23	91	771722	52.587	ug/l	100
68) m/p-Xylenes	10.34	106	582539	105.345	ug/l	98
69) o-Xylene	10.68	106	280966	52.819	ug/l	99
70) Styrene	10.70	104	480733	53.543	ug/l	99
71) Bromoform	10.84	173	127149	54.316	ug/l #	100
73) Isopropylbenzene	11.00	105	753287	52.944	ug/l	99
74) N-amyl acetate	10.88	43	300531	52.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	265353	52.899	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	245691m	52.601	ug/l	
77) Bromobenzene	11.24	156	189644	52.084	ug/l	98
78) n-propylbenzene	11.34	91	856333	52.696	ug/l	99
79) 2-Chlorotoluene	11.40	91	516207	51.583	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	628965	52.379	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	83210	51.499	ug/l	99
82) 4-Chlorotoluene	11.49	91	603782	51.515	ug/l	99
83) tert-Butylbenzene	11.76	119	628743	53.388	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	652201	53.919	ug/l	99
85) sec-Butylbenzene	11.93	105	716543	53.291	ug/l	100
86) p-Isopropyltoluene	12.05	119	656880	53.306	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	334934	50.119	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	340239	49.987	ug/l	99
89) n-Butylbenzene	12.37	91	567644	51.993	ug/l	100
90) Hexachloroethane	12.58	117	113643	53.416	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	340138	52.212	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59106	54.810	ug/l	97

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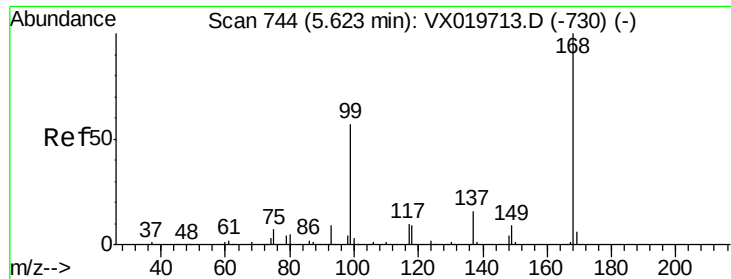
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	223071	52.603	ug/l	99
94) Hexachlorobutadiene	13.77	225	97610	51.499	ug/l	98
95) Naphthalene	13.82	128	762182	55.438	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	223624	53.958	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 277704

Ion Ratio Lower Upper

168 100

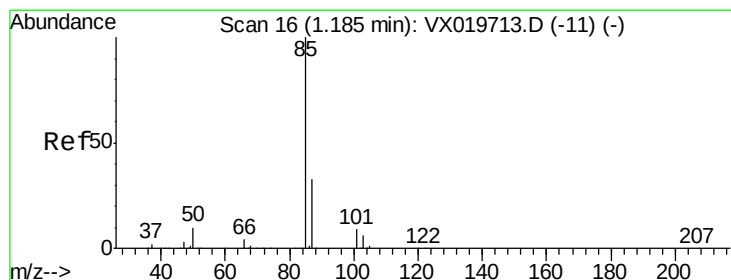
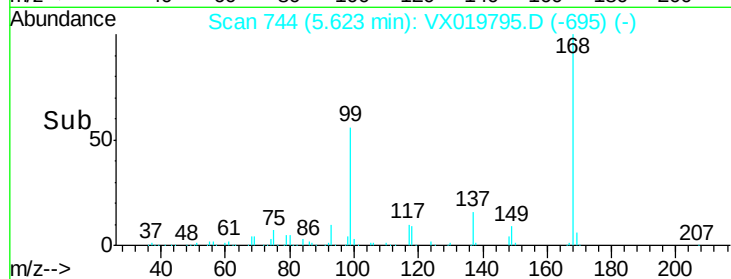
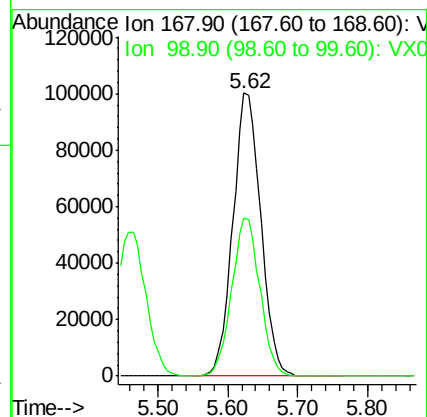
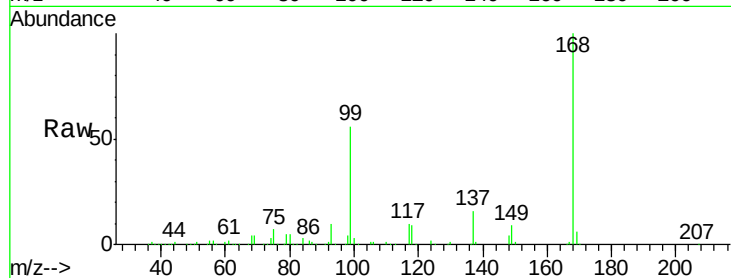
99 55.5 45.8 68.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 50.565 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019795.D

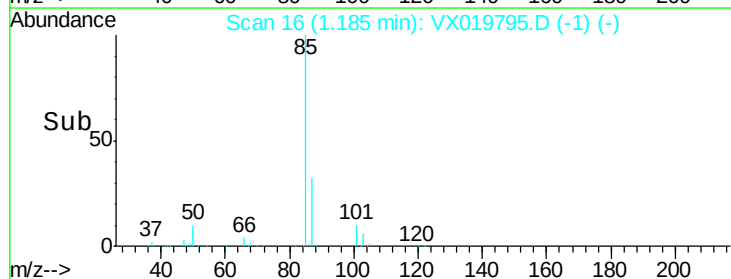
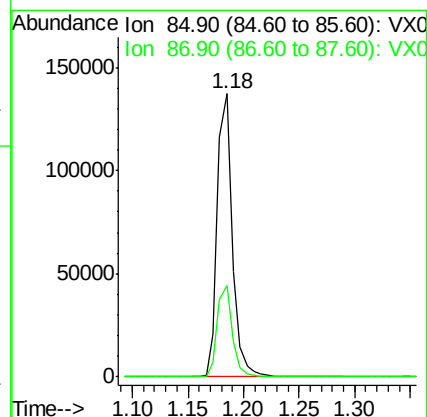
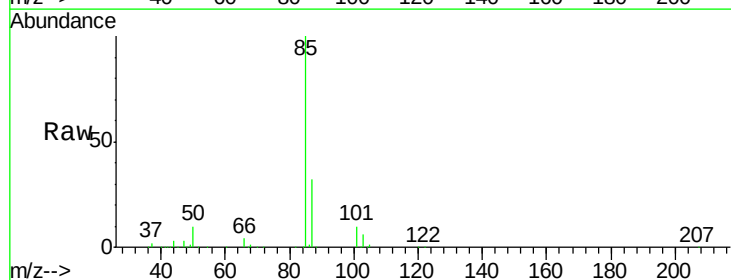
Acq: 09 Dec 2020 22:23

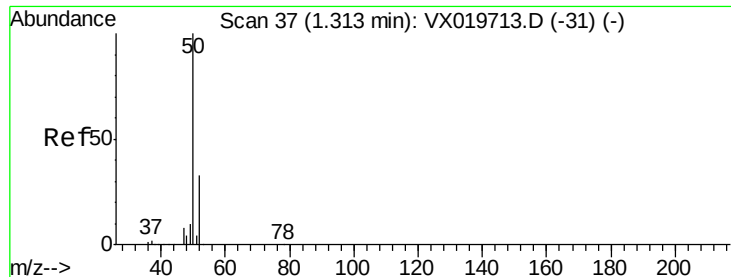
Tgt Ion: 85 Resp: 128561

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.2





#3

Chloromethane

Concen: 45.018 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 134609

Ion Ratio Lower Upper

50 100

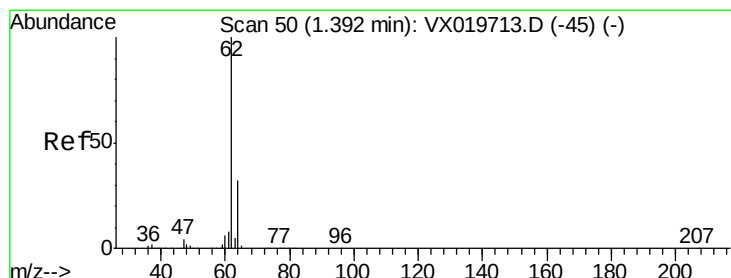
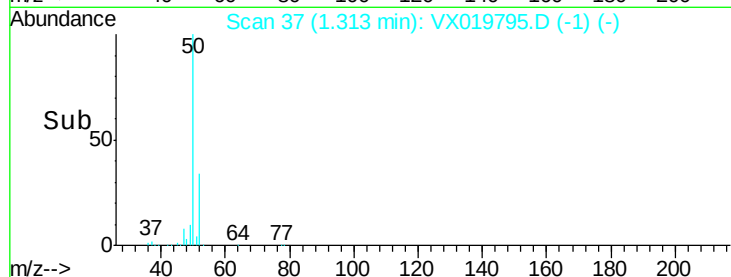
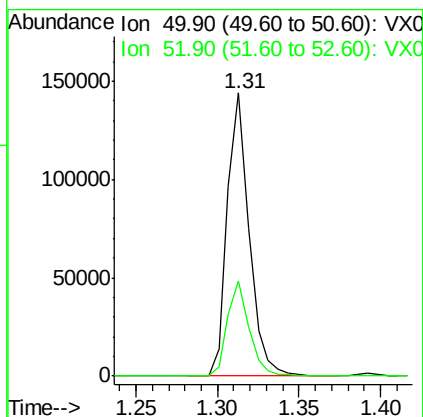
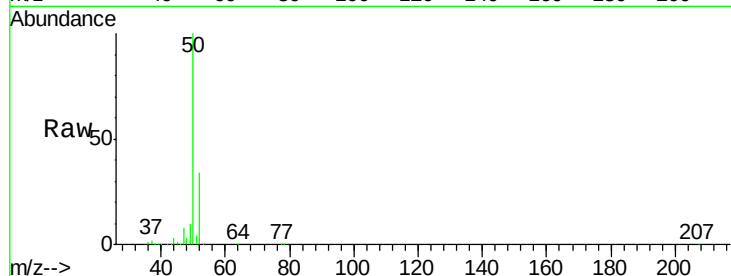
52 33.7 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.415 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019795.D

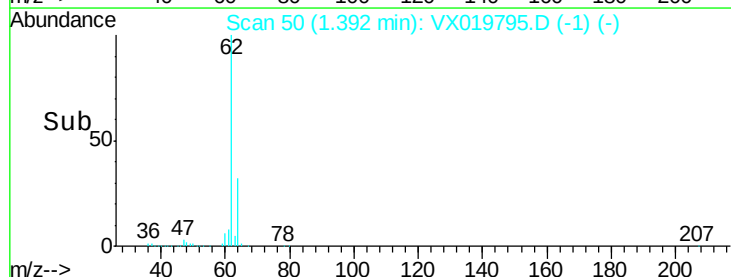
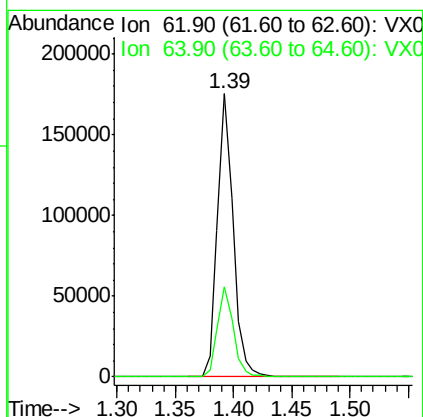
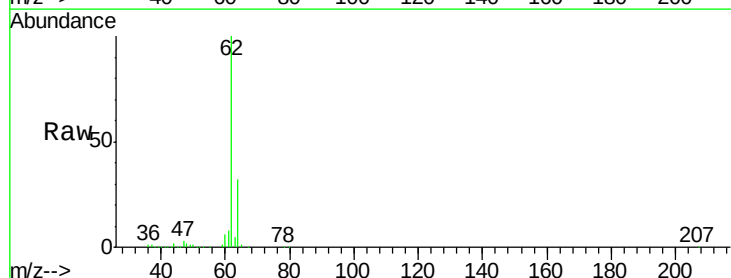
Acq: 09 Dec 2020 22:23

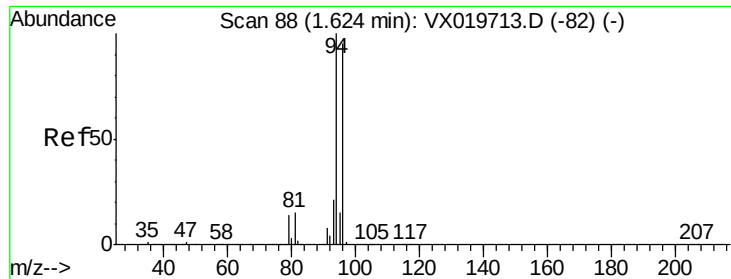
Tgt Ion: 62 Resp: 162102

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 46.045 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 48203

Ion Ratio Lower Upper

94 100

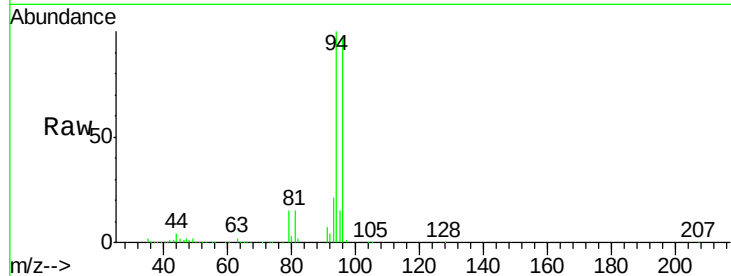
96 97.6 76.4 114.6

Manual Integrations

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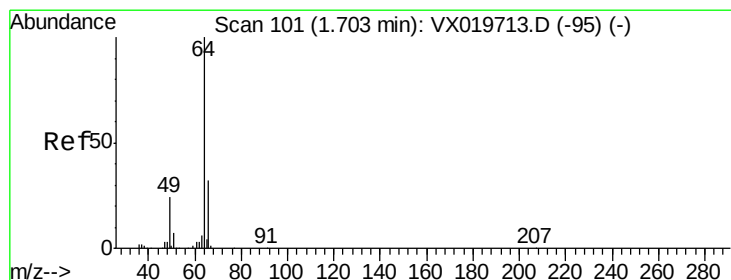
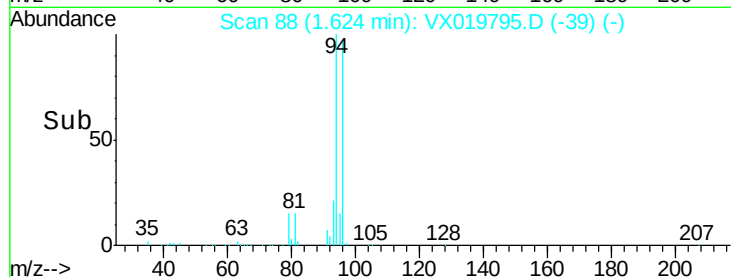
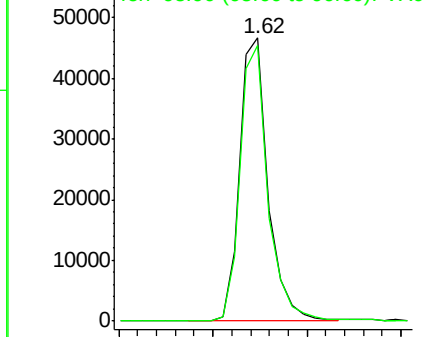
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.549 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019795.D

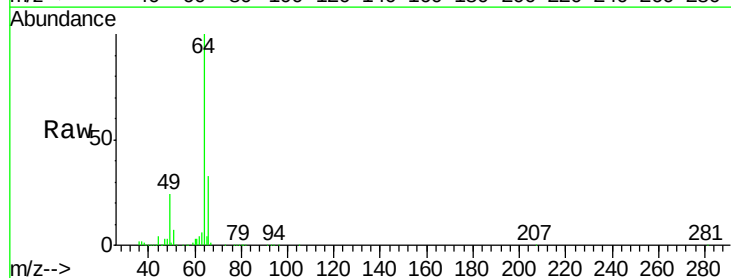
Acq: 09 Dec 2020 22:23

Tgt Ion: 64 Resp: 103312

Ion Ratio Lower Upper

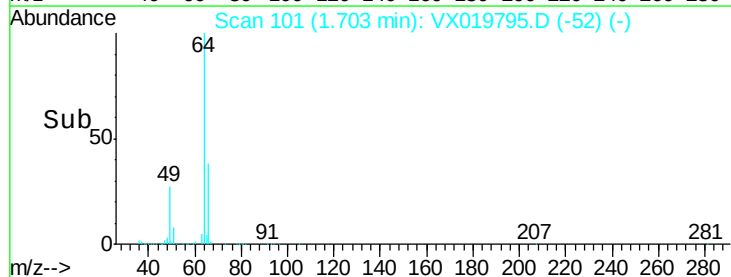
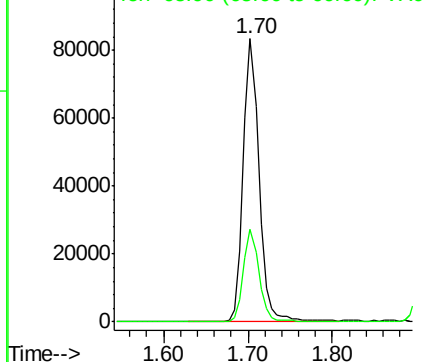
64 100

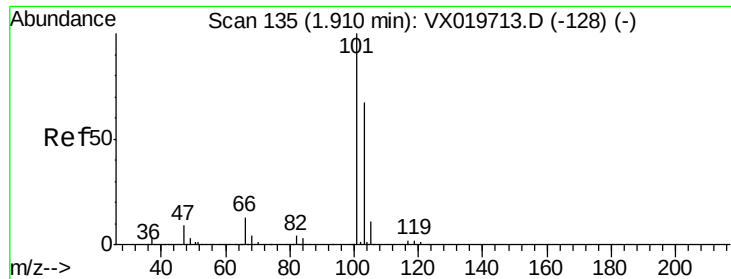
66 32.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

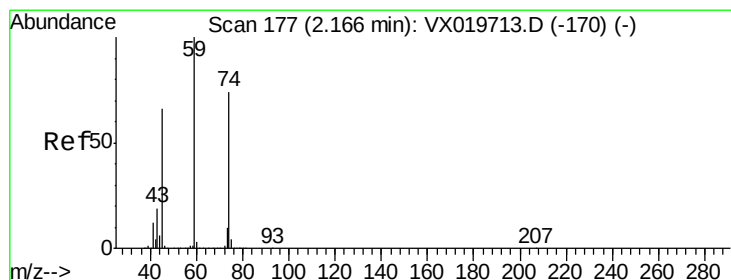
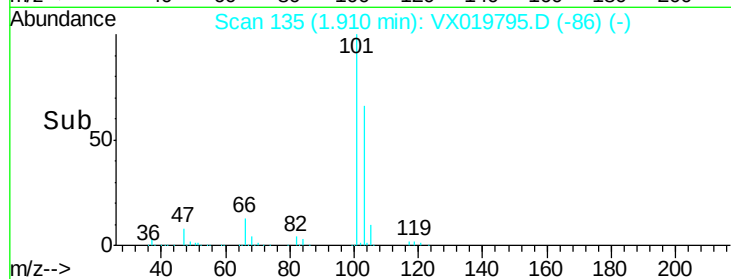
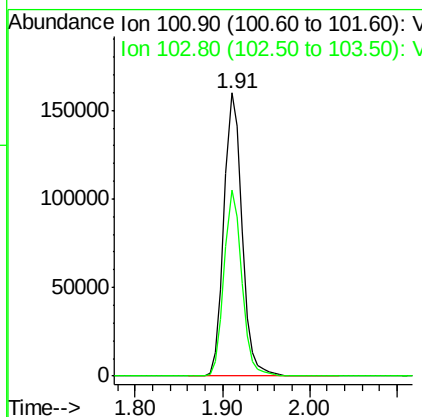
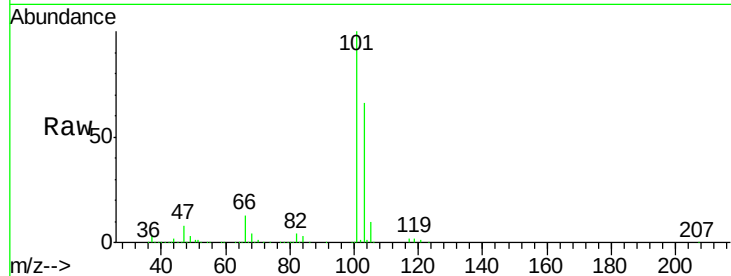
Trichlorofluoromethane
Concen: 51.982 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	53.2	79.8

Manual Integrations
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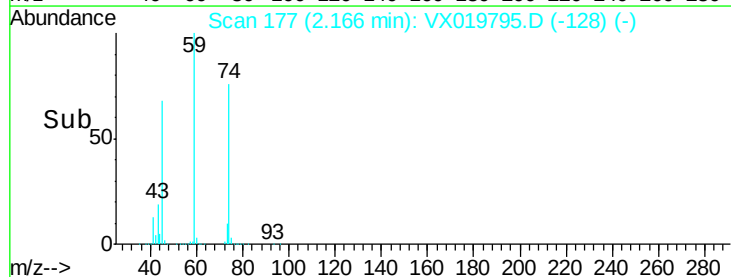
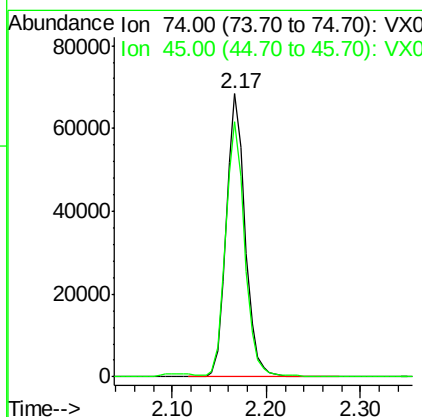
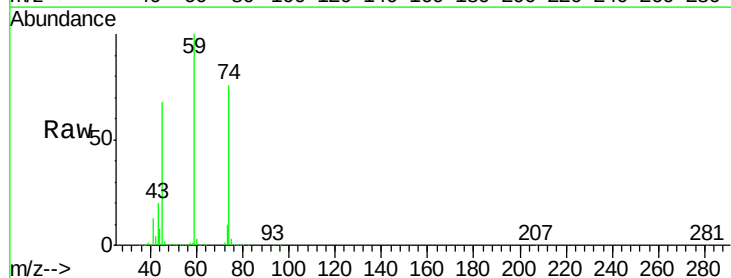
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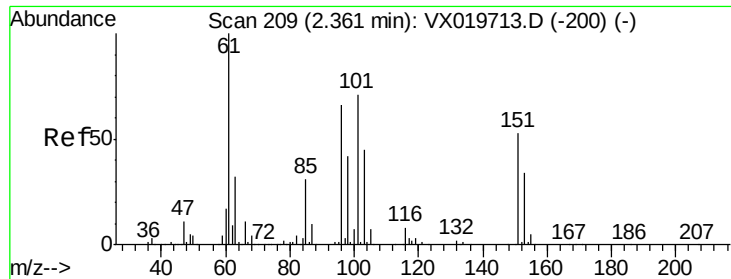


#8

Diethyl Ether
Concen: 50.845 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.5	44.5	133.5





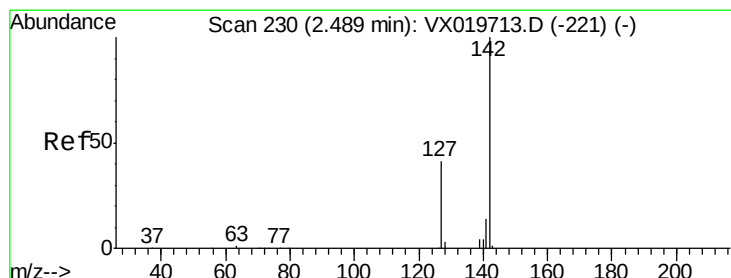
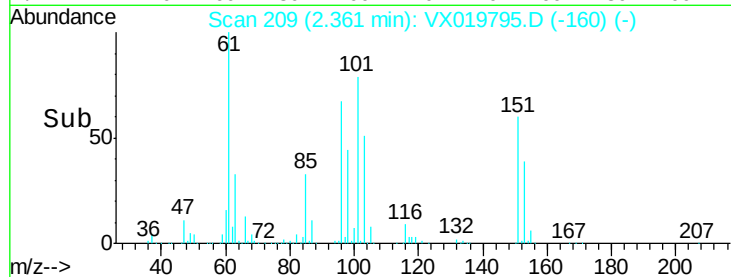
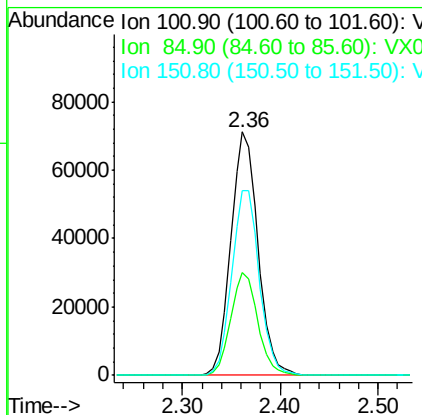
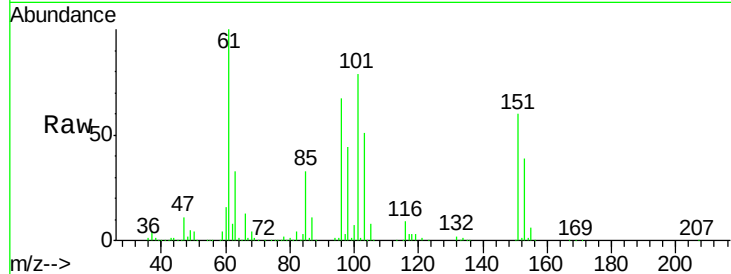
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.267 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	136576		
85	42.1		34.9	52.3
151	77.5		61.4	92.2

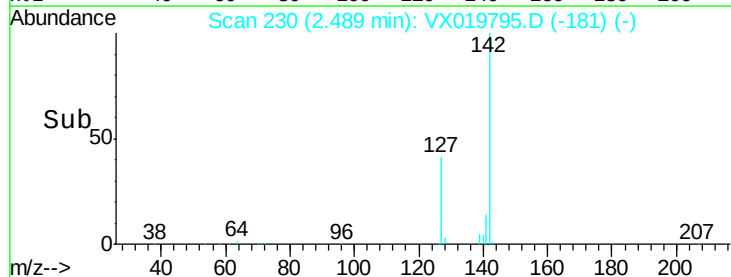
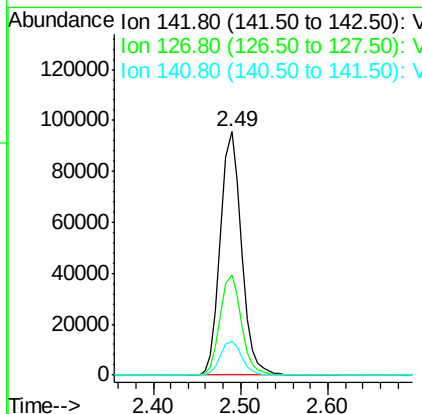
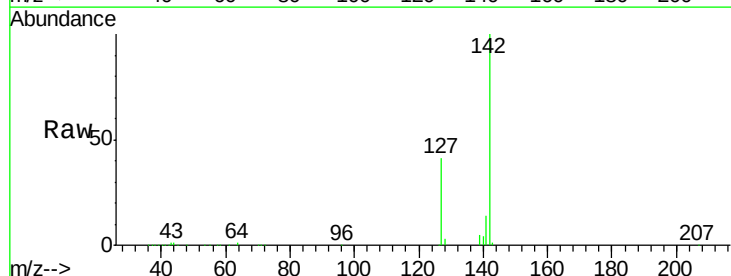
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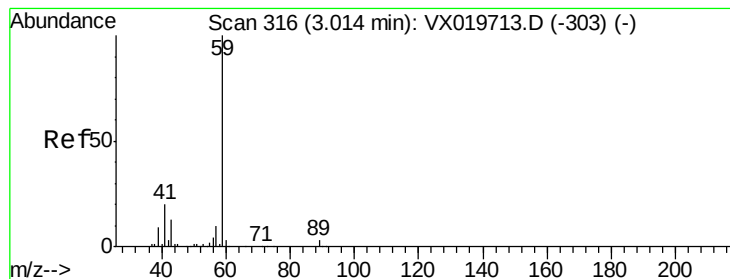
MMDadoda
 12/10/2020 9:30:31 AM



#10
 Methyl Iodide
 Concen: 43.257 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	160467		
127	41.5		33.3	49.9
141	14.1		11.4	17.0





#11

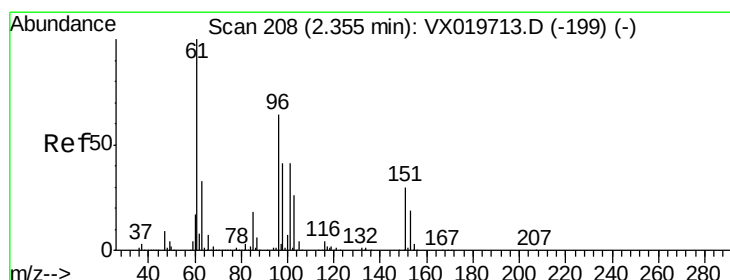
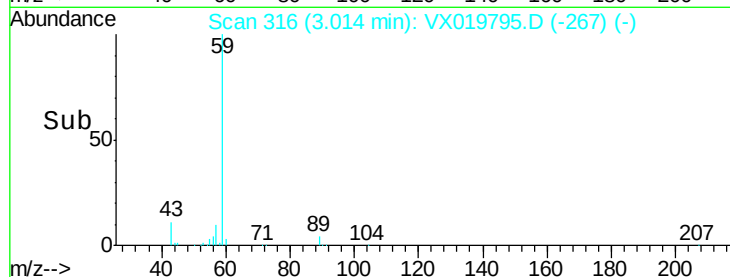
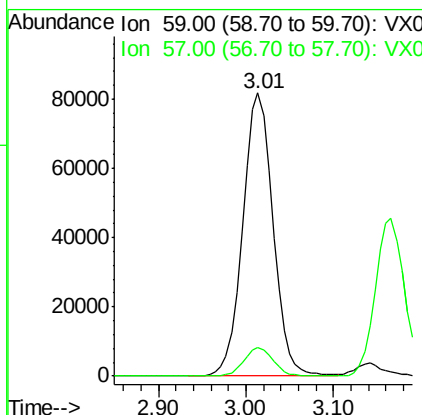
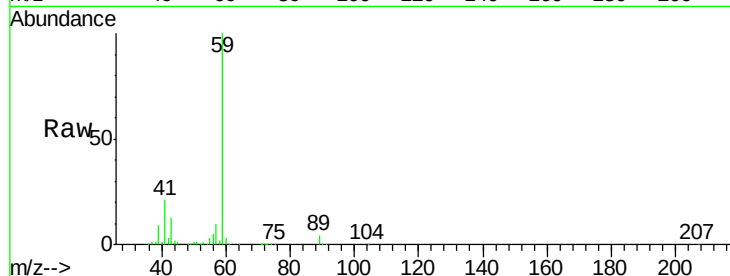
Tert butyl alcohol
 Concen: 262.641 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	196974		
57	9.8		7.8	11.8

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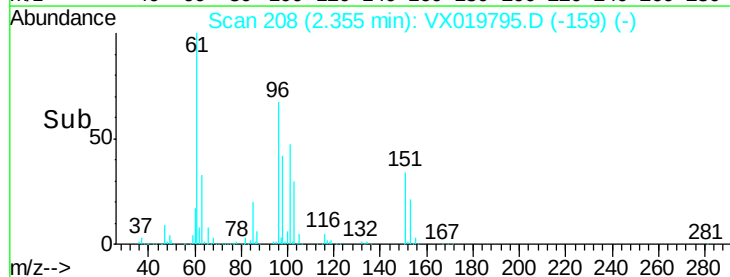
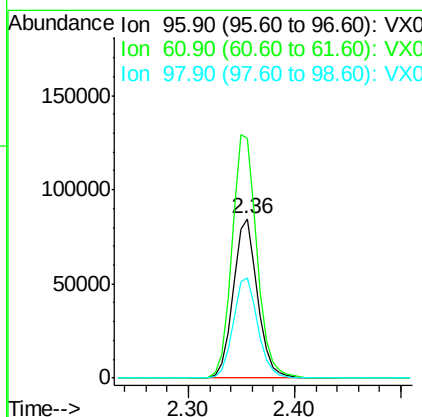
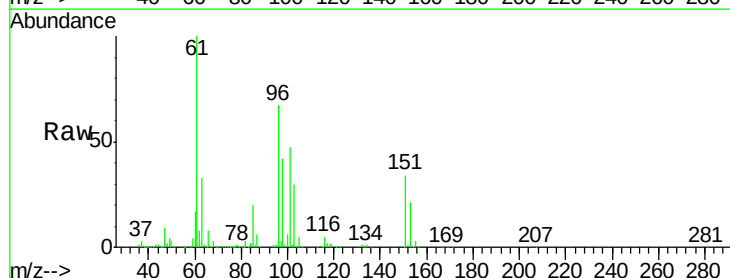
MMDadoda
 12/10/2020 9:30:31 AM

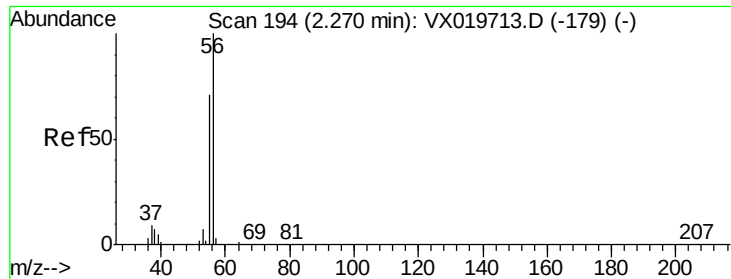


#12

1,1-Dichloroethene
 Concen: 53.420 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	135919		
61	150.1		124.6	187.0
98	62.9		50.6	76.0





#13

Acrolein

Concen: 191.127 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 77000

Ion Ratio Lower Upper

56 100

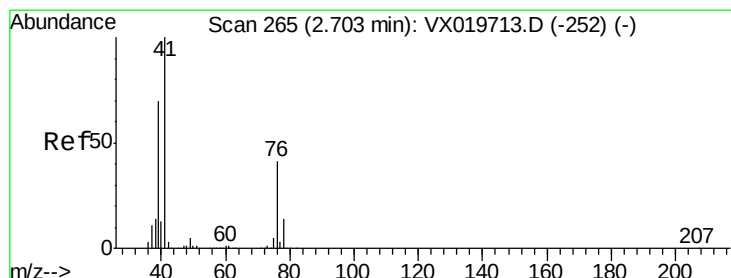
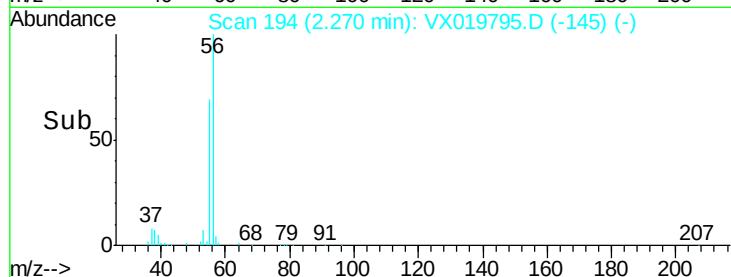
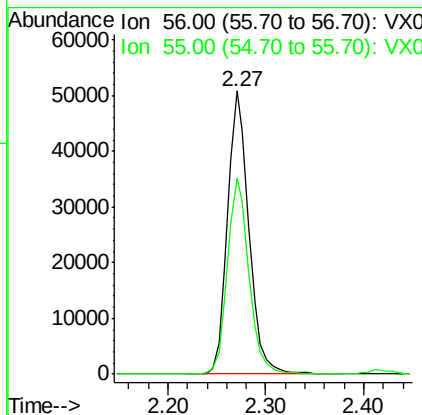
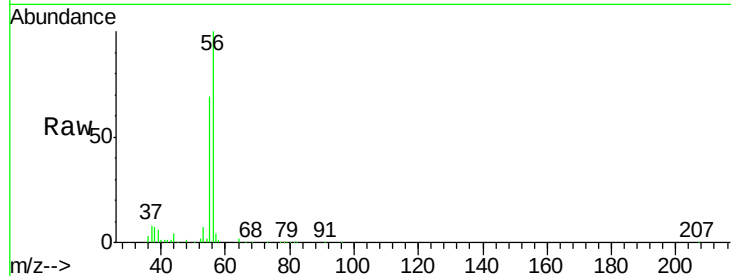
55 69.1 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 50.667 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

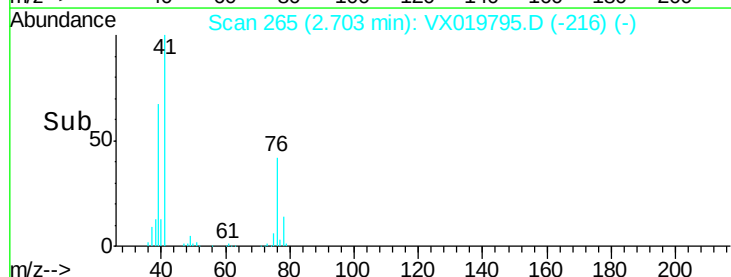
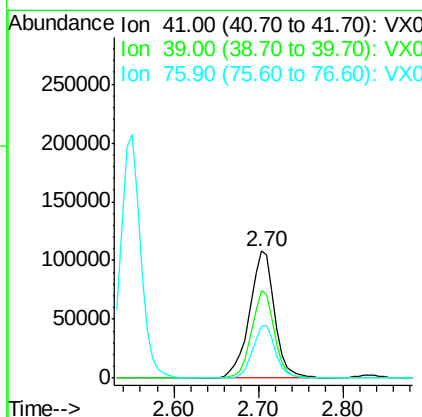
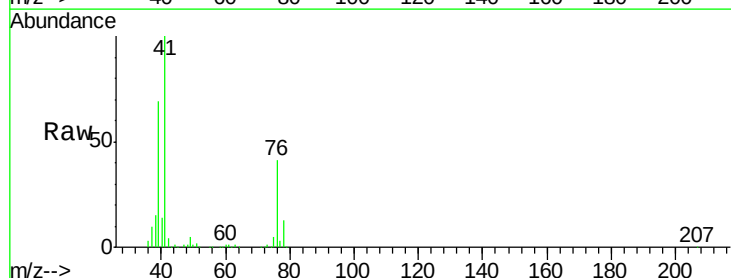
Tgt Ion: 41 Resp: 217726

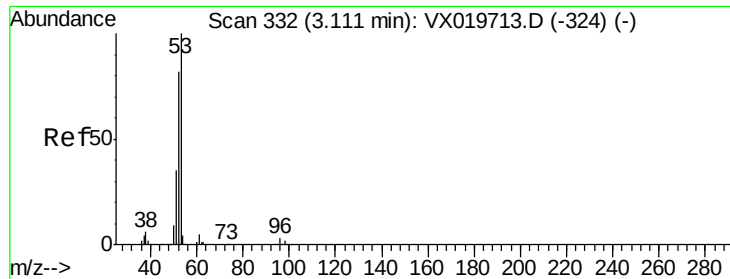
Ion Ratio Lower Upper

41 100

39 62.8 51.6 77.4

76 37.4 30.5 45.7





#15

Acrylonitrile

Concen: 267.270 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

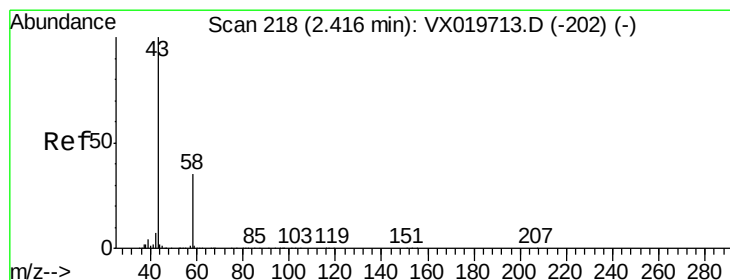
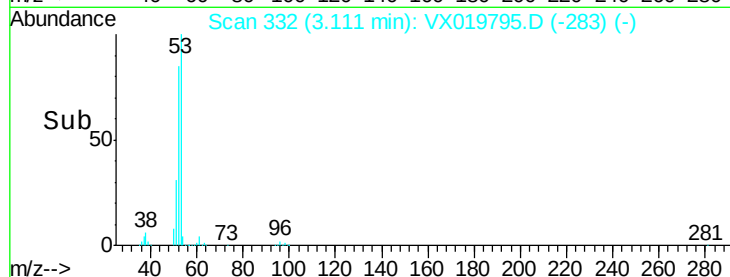
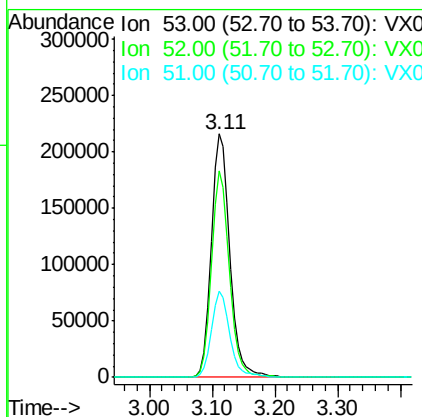
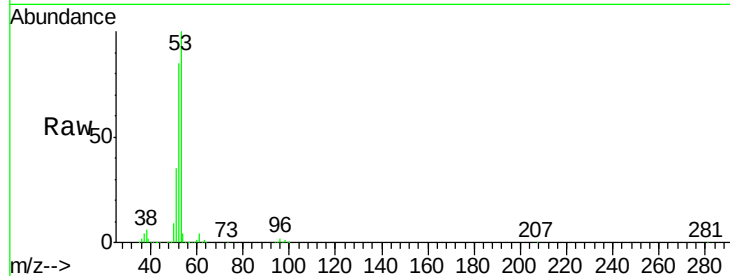
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	440995
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.3	97.9
51	35.5	28.2	42.2

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#16

Acetone

Concen: 253.812 ug/l

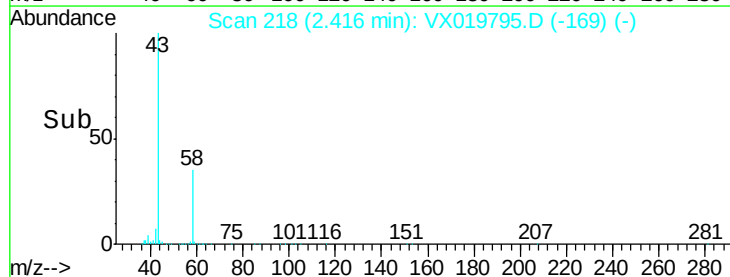
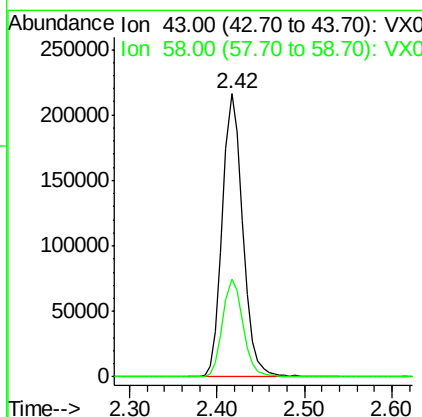
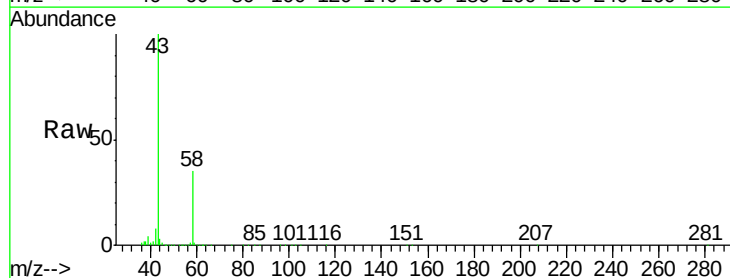
RT: 2.42 min Scan# 218

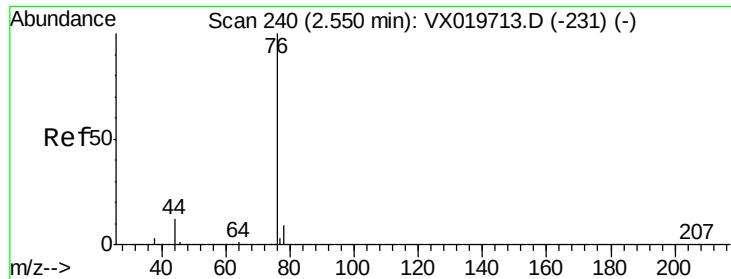
Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Tgt Ion:	43	Resp:	348201
Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.8	41.8





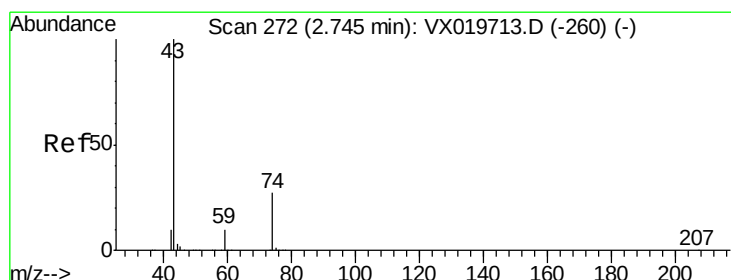
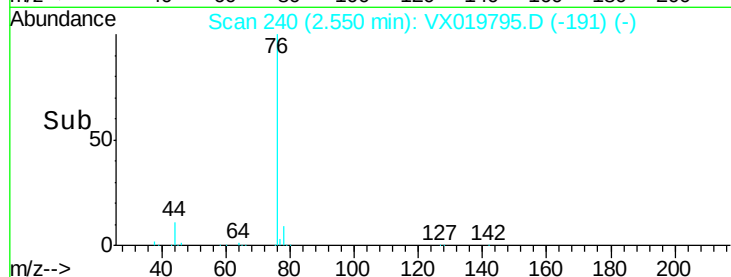
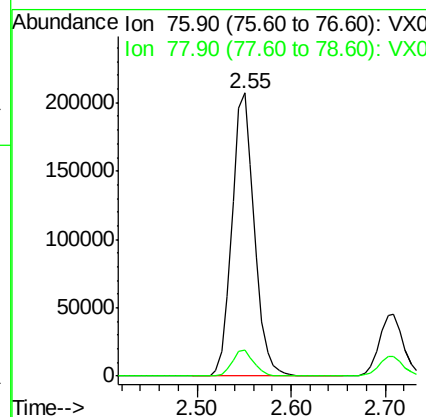
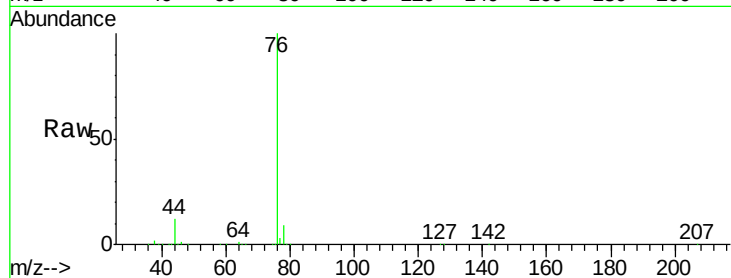
#17
Carbon Disulfide
Concen: 46.496 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

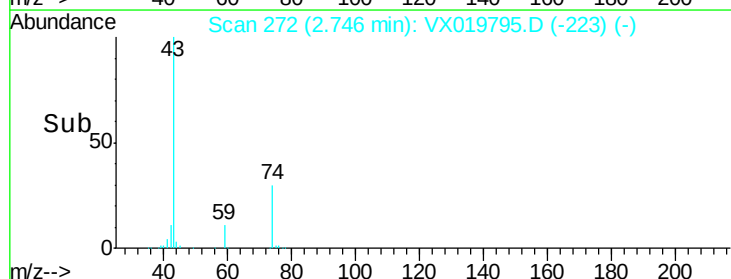
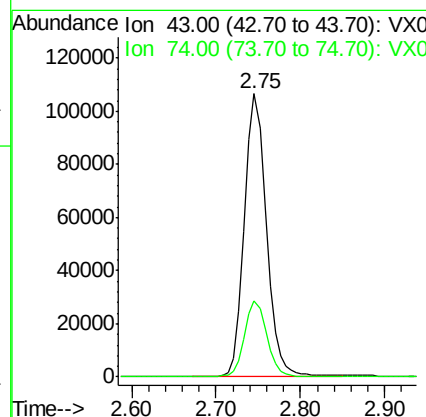
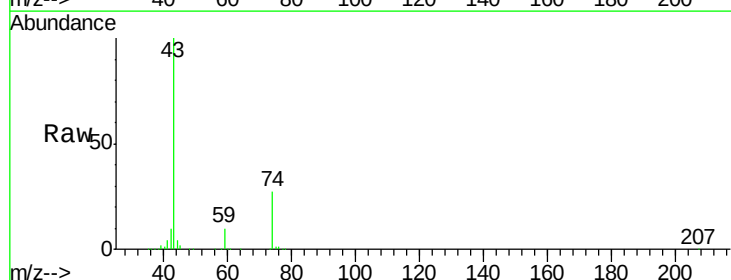
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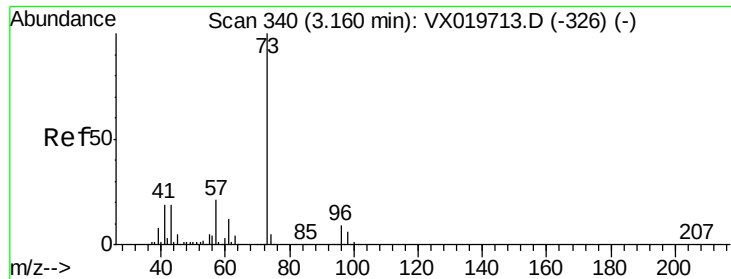
MMDadoda
12/10/2020 9:30:31 AM



#18
Methyl Acetate
Concen: 55.706 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	21.9	32.9





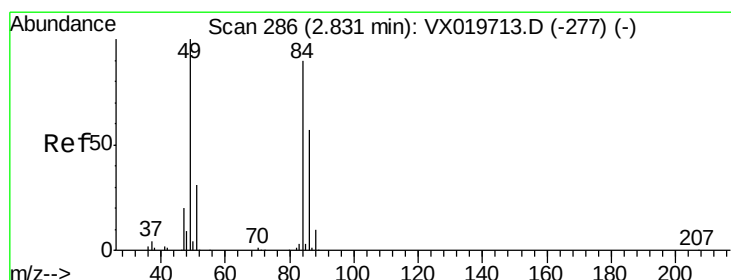
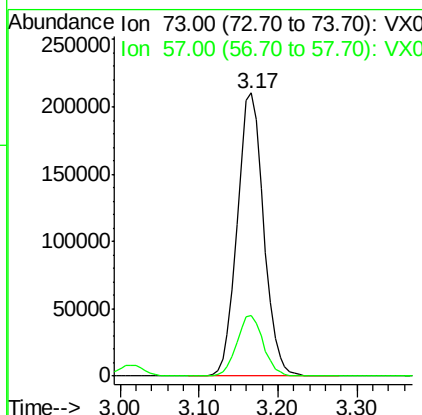
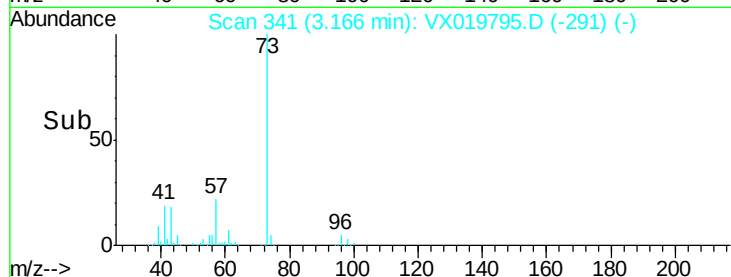
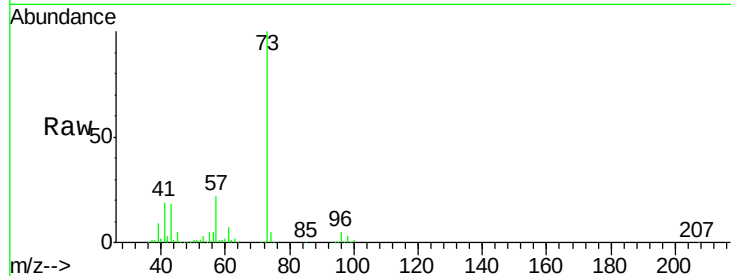
#19
Methyl tert-butyl Ether
Concen: 52.895 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.1	25.7

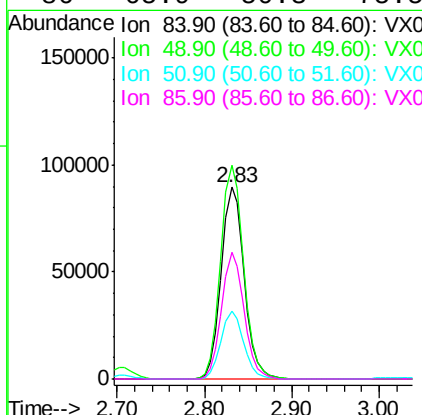
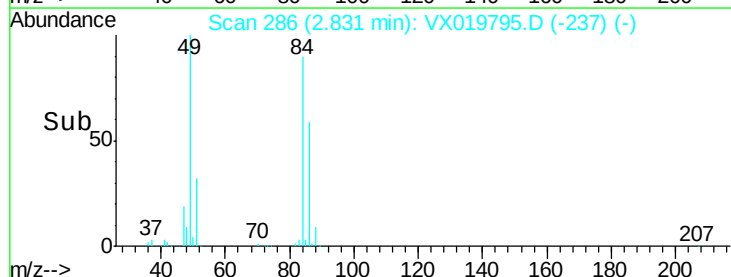
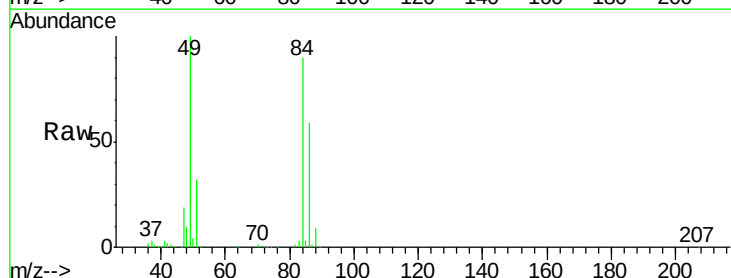
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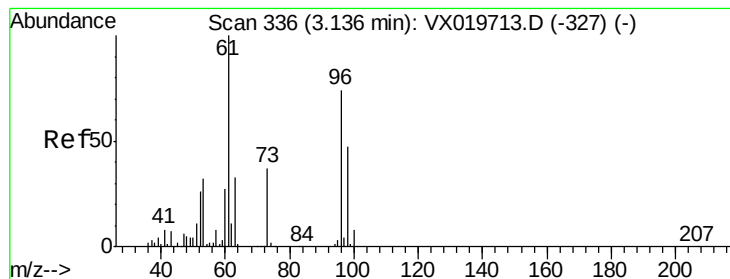
MMDadoda
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#20
Methylene Chloride
Concen: 52.372 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.4	88.6	132.8
51	35.3	27.0	40.6
86	65.9	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 51.093 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 151559

Ion Ratio Lower Upper

96 100

61 134.6 107.7 161.5

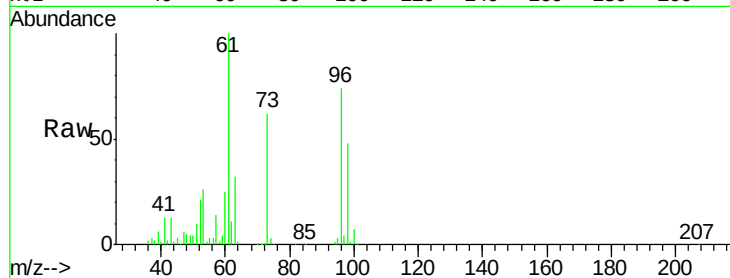
98 64.6 50.4 75.6

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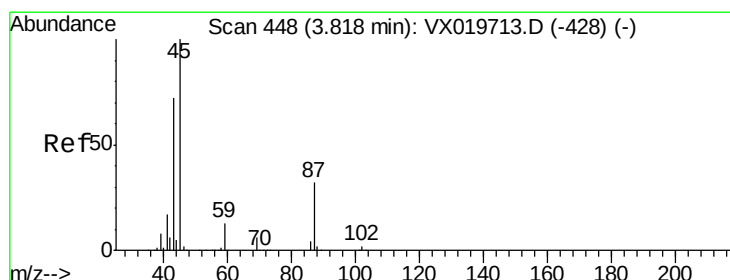
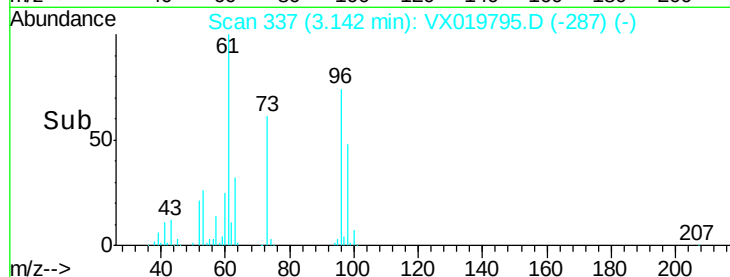
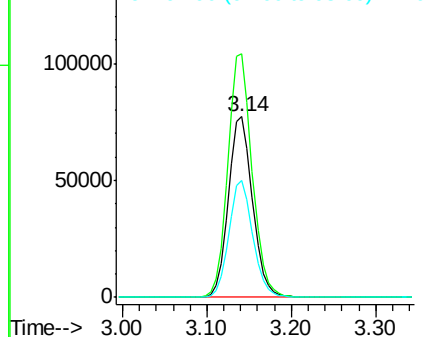
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.673 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Tgt Ion: 45 Resp: 466326

Ion Ratio Lower Upper

45 100

43 65.0 58.0 87.0

87 30.0 25.4 38.0

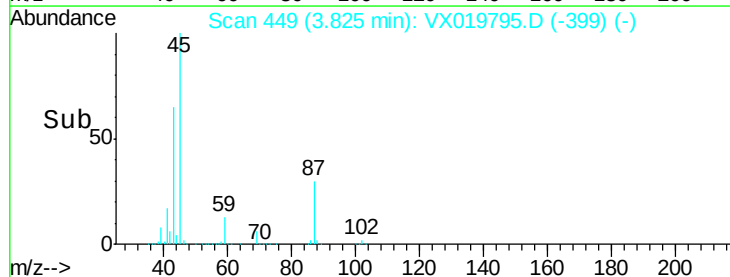
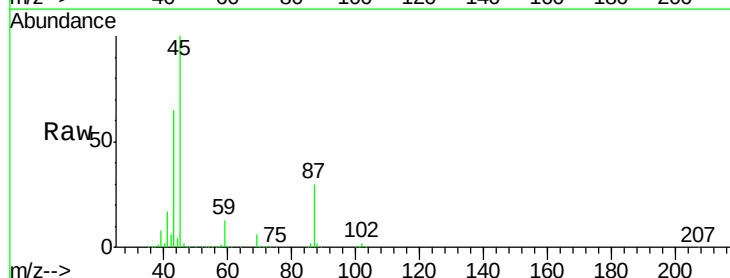
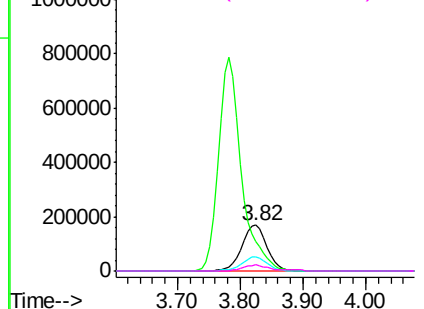
59 12.8 10.2 15.2

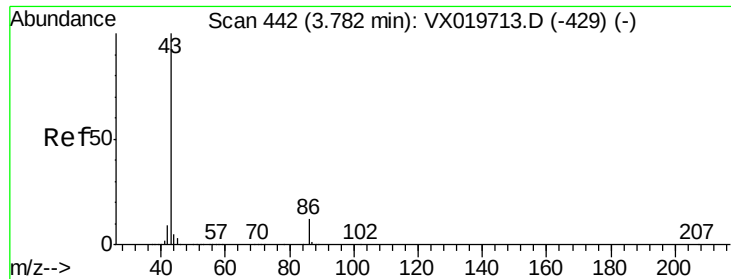
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 268.424 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1986891

Ion Ratio Lower Upper

43 100

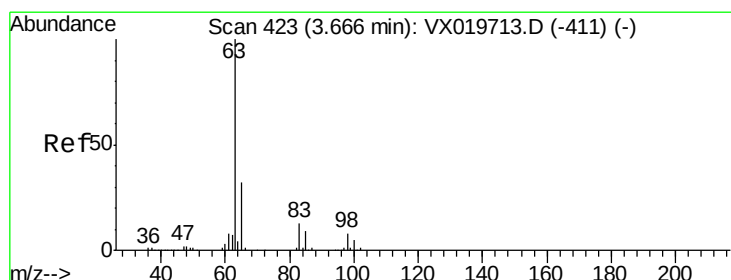
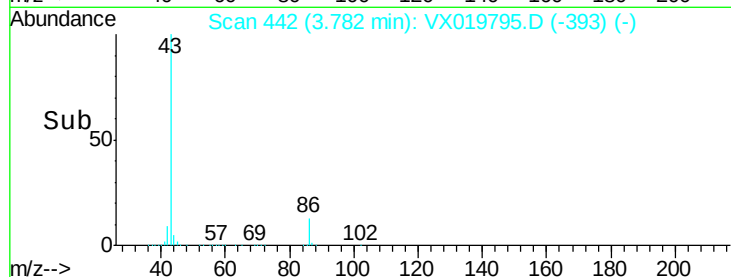
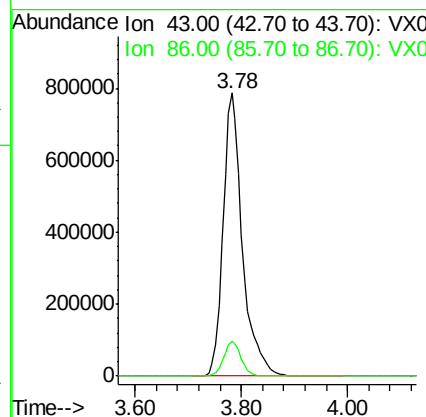
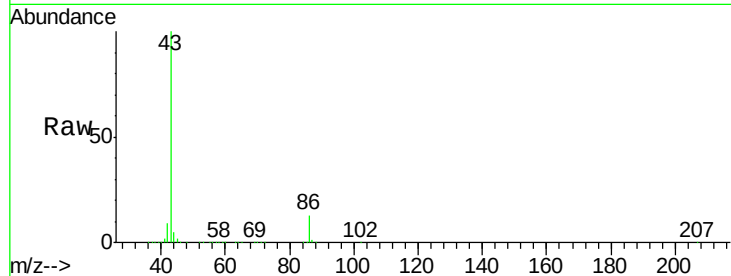
86 12.5 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 52.232 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

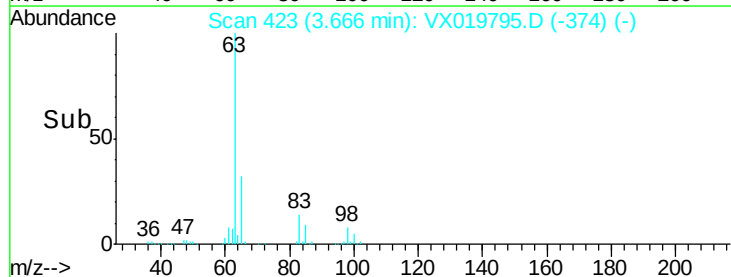
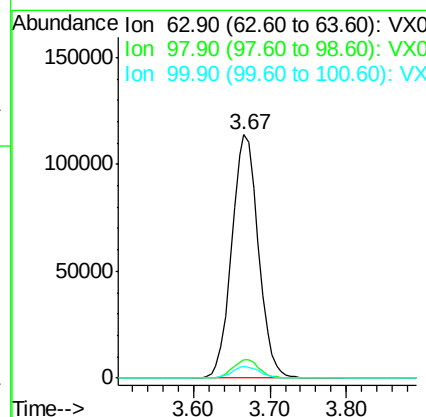
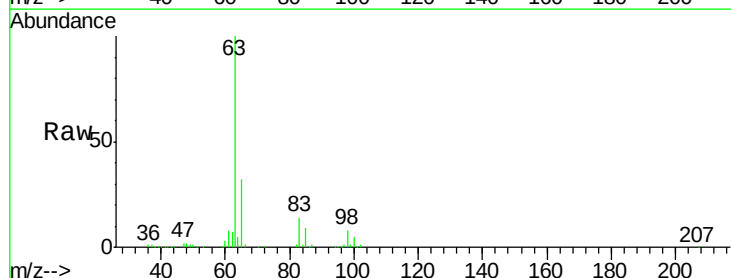
Tgt Ion: 63 Resp: 273660

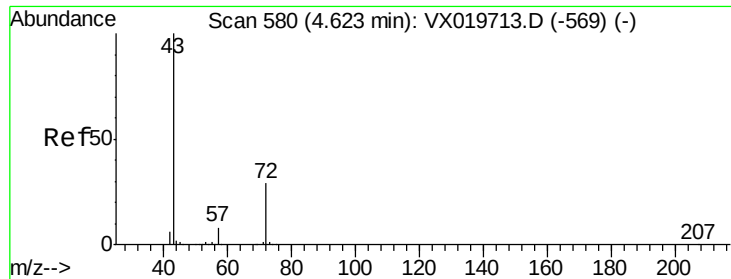
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 266.779 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 562381

Ion Ratio Lower Upper

43 100

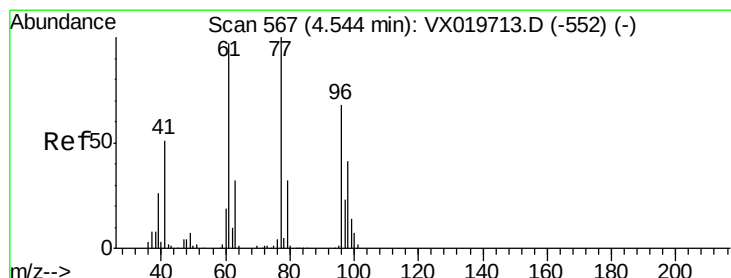
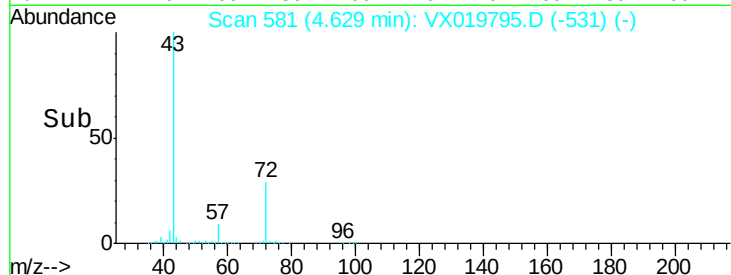
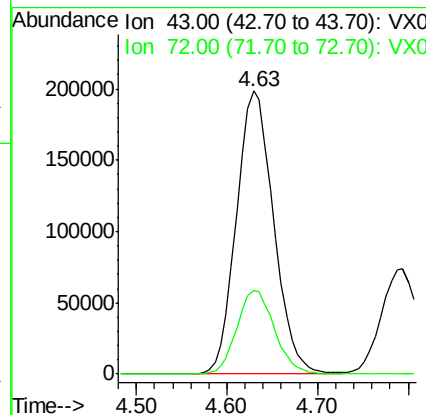
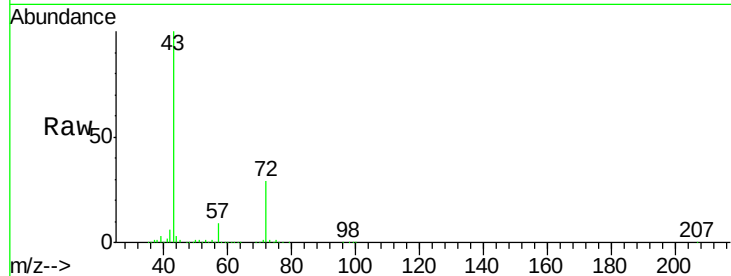
72 29.4 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.128 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019795.D

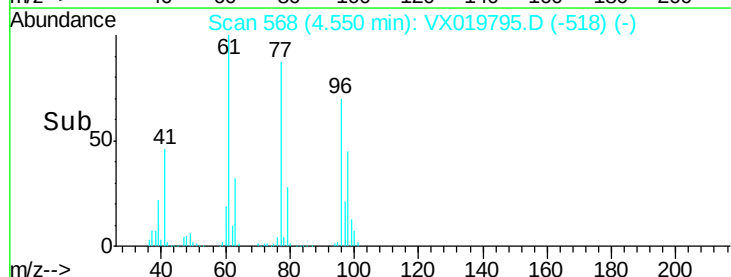
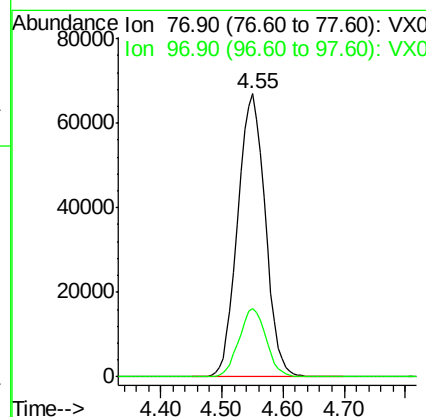
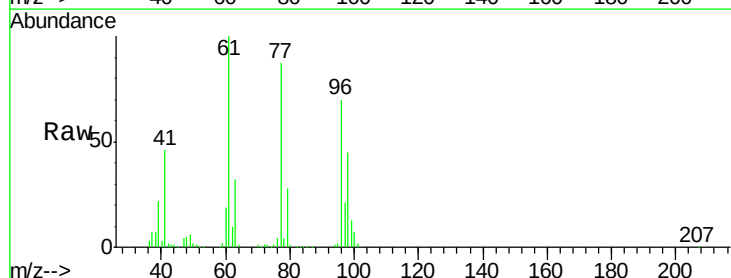
Acq: 09 Dec 2020 22:23

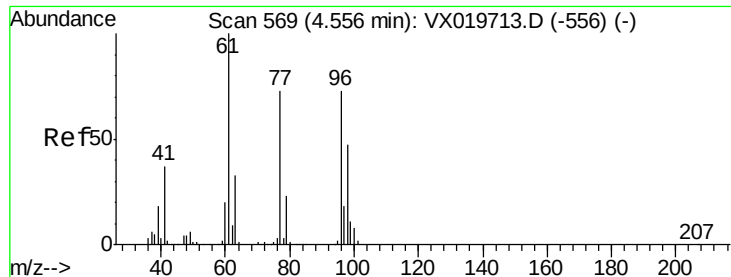
Tgt Ion: 77 Resp: 208128

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1





#27

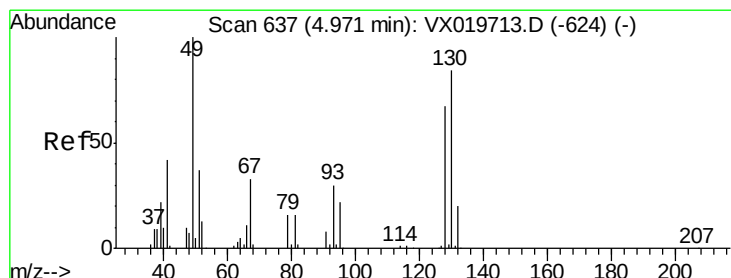
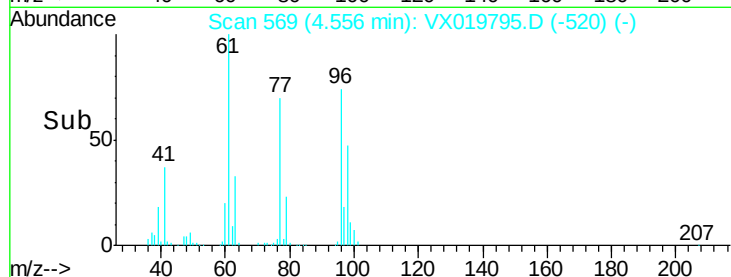
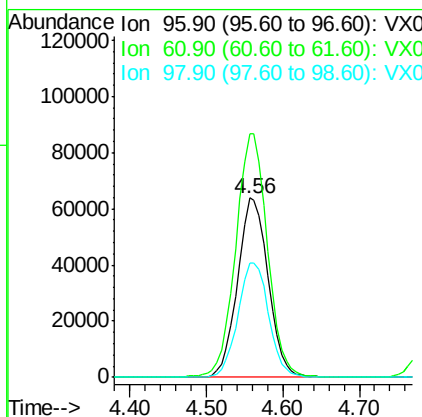
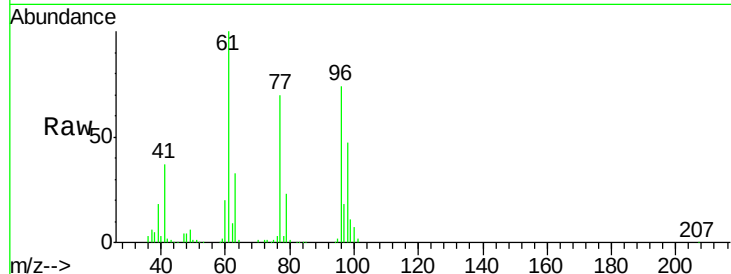
cis-1,2-Dichloroethene
Concen: 51.235 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	177858		
61	140.6	0.0	285.6	
98	64.3	0.0	129.6	

Manual Integrations
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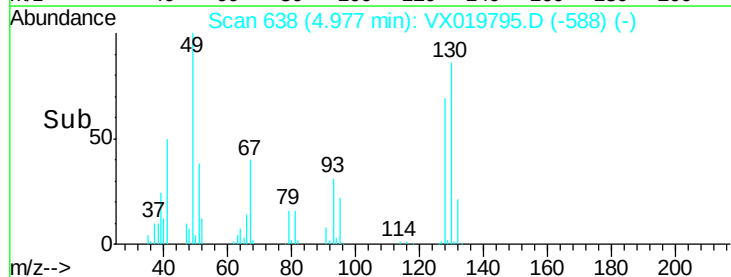
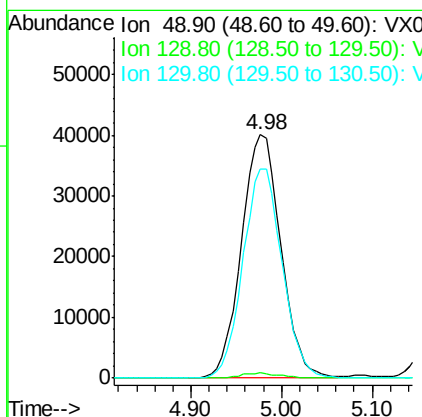
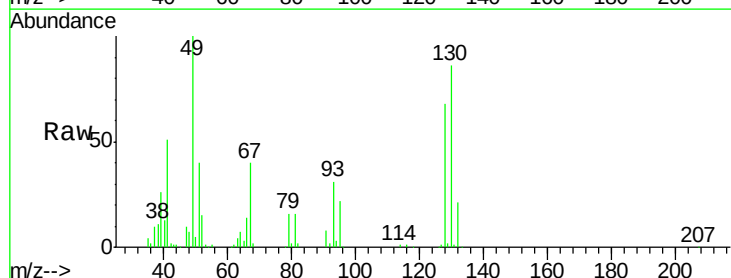
MMDadoda
12/10/2020 9:30:31 AM

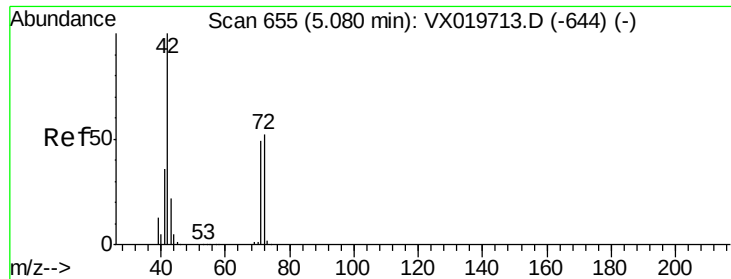


#28

Bromochloromethane
Concen: 48.422 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	120940		
129	2.0	0.0	4.0	
130	85.7	68.2	102.2	





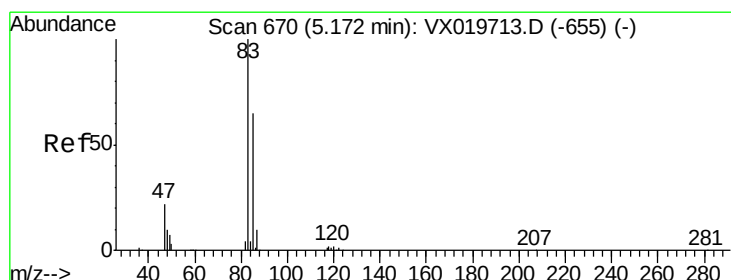
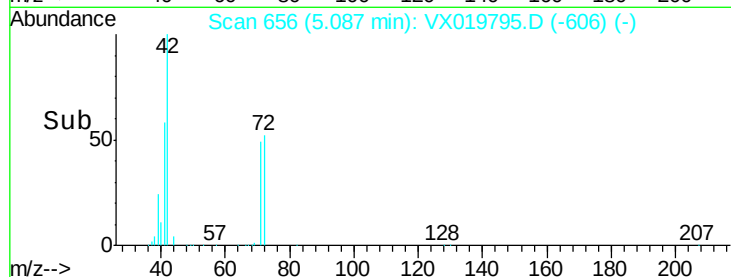
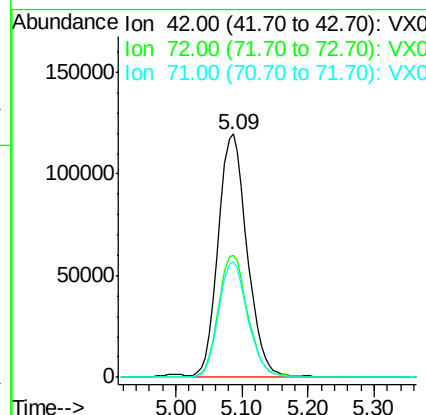
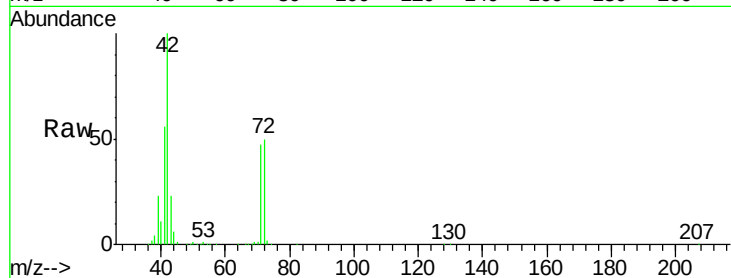
#29
Tetrahydrofuran
Concen: 267.330 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	41.7	62.5
71	47.9	38.4	57.6

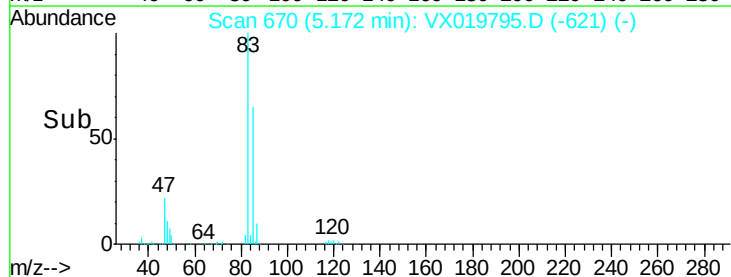
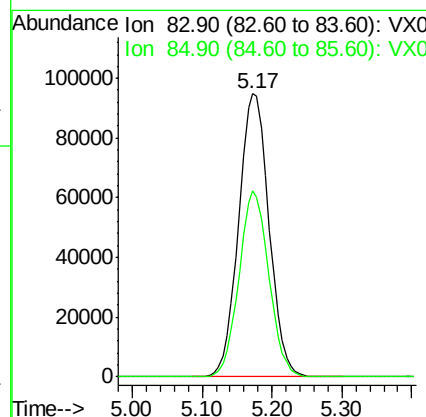
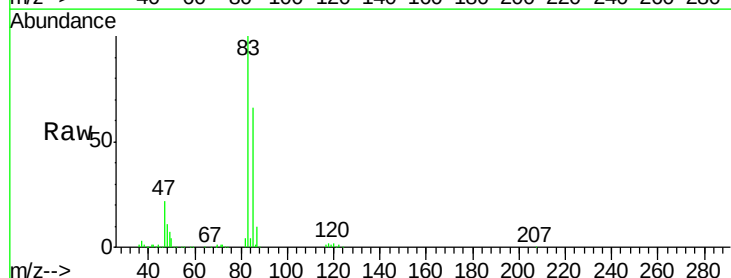
Manual Integrations
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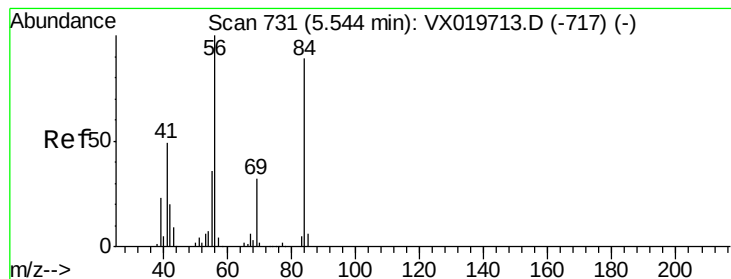
MMDadoda
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#30
Chloroform
Concen: 53.155 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.0	78.0





#31

Cyclohexane

Concen: 51.823 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

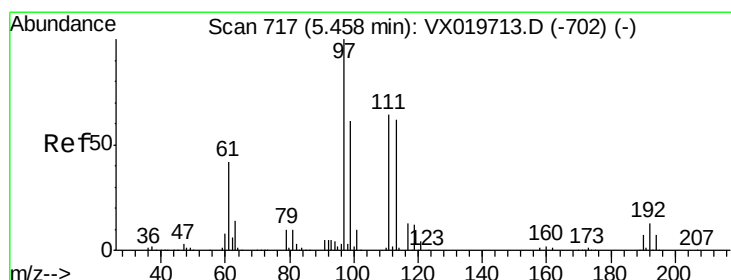
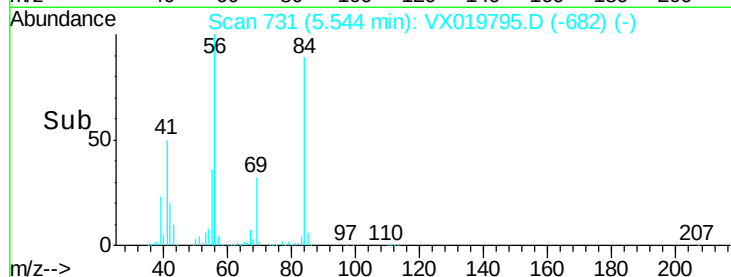
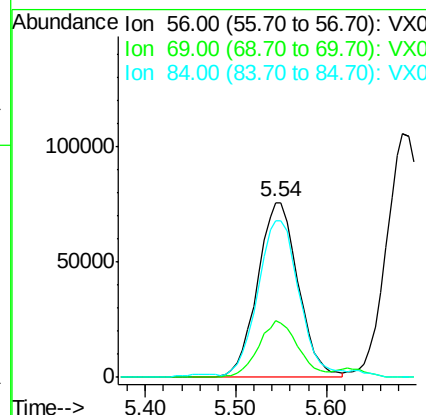
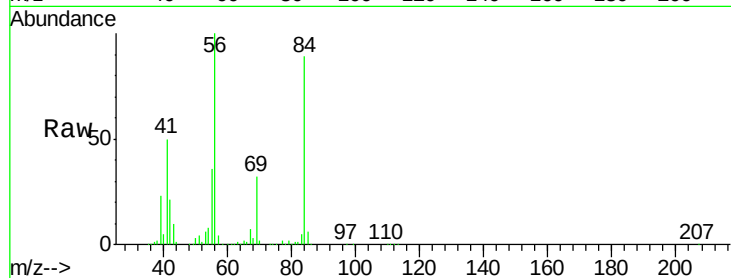
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	235284
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.3	37.9
84	87.6	71.4	107.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.686 ug/l

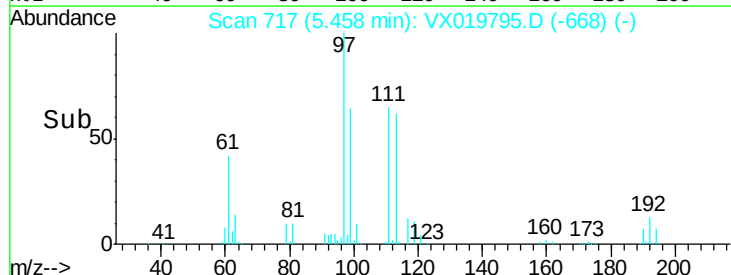
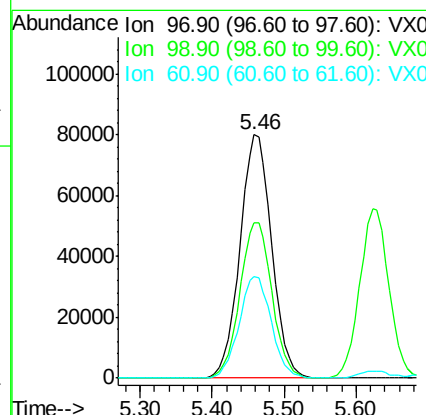
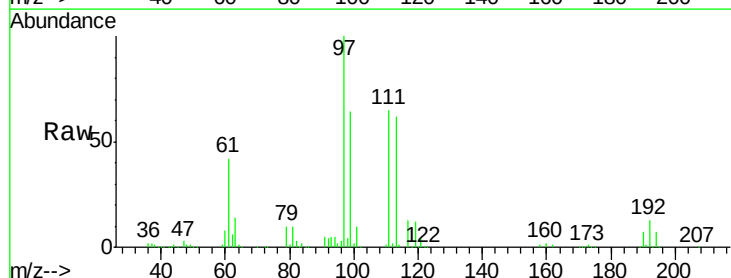
RT: 5.46 min Scan# 717

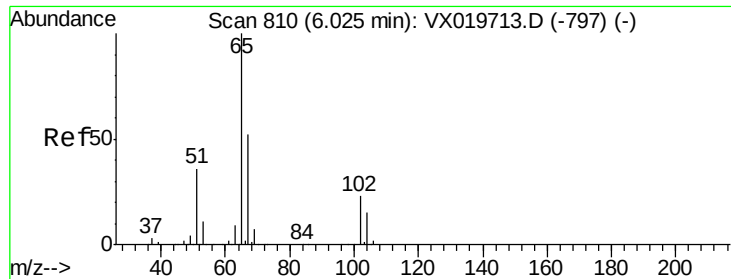
Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Tgt Ion:	97	Resp:	244430
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	42.3	34.2	51.4





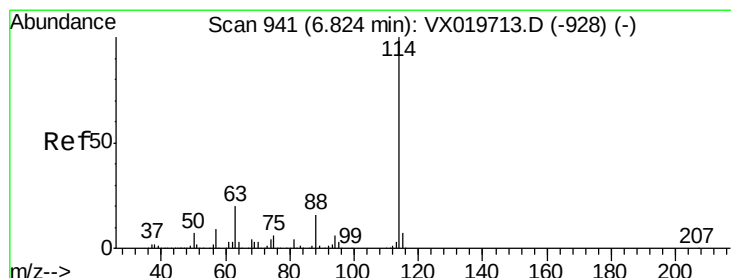
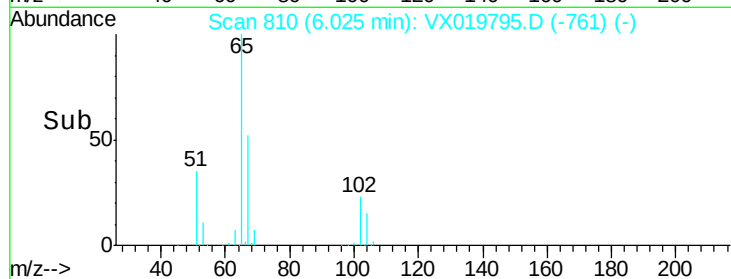
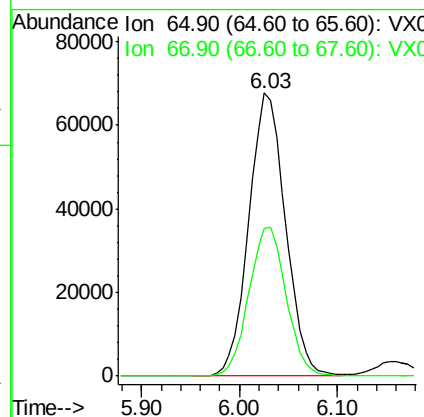
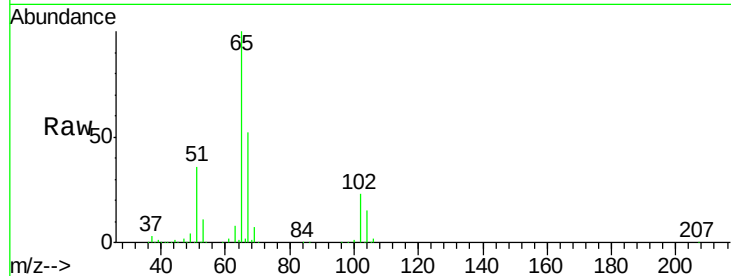
#33
 1,2-Dichloroethane-d4
 Concen: 48.304 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	176303		
67	53.4	0.0	105.4	

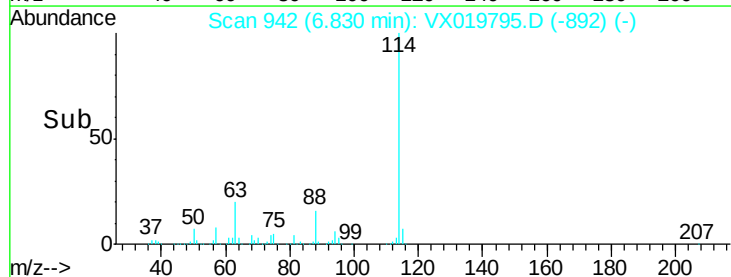
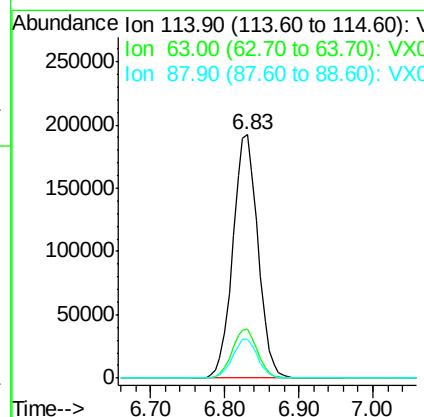
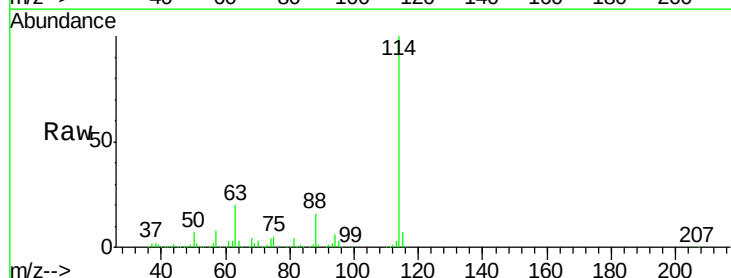
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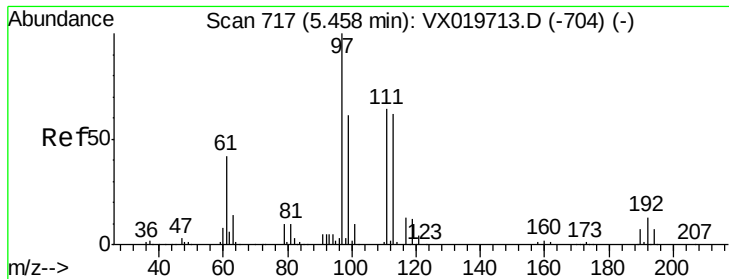
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 12/10/2020 9:30:31 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	453841		
63	19.9	0.0	40.8	
88	16.1	0.0	32.8	





#35

Dibromofluoromethane

Concen: 49.690 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

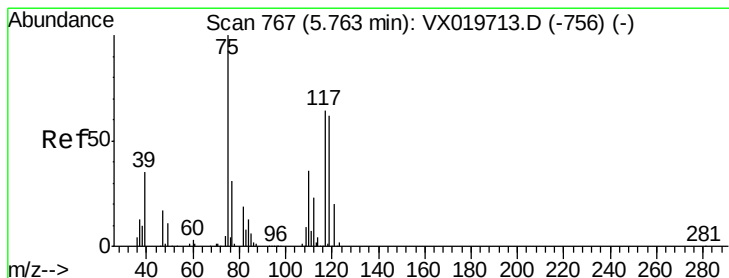
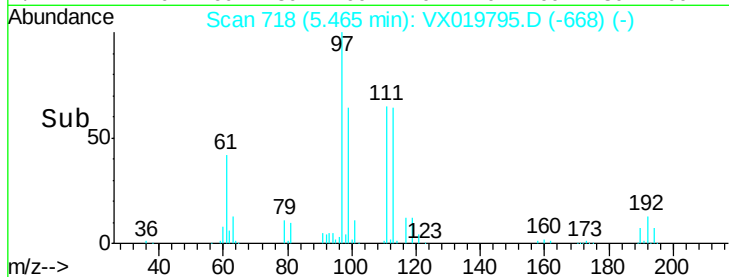
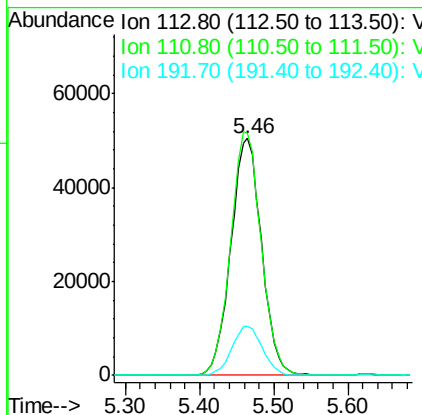
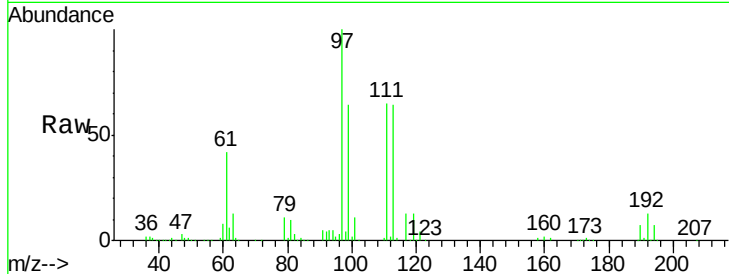
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	145747
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.9	122.9
192	20.7	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 50.255 ug/l

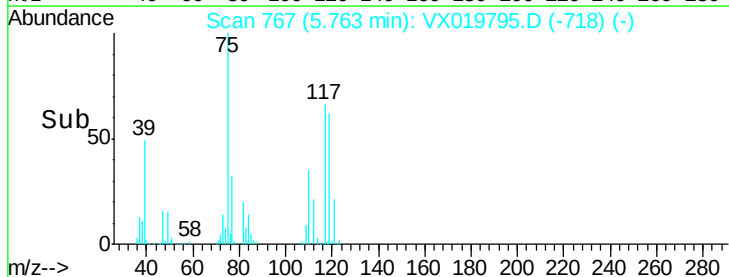
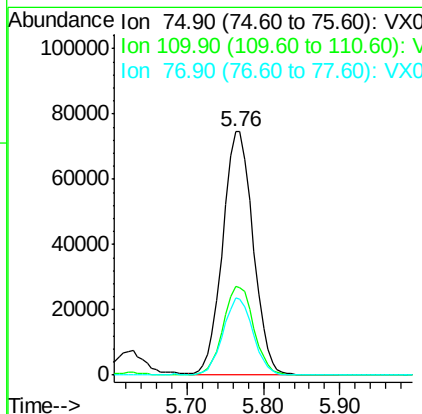
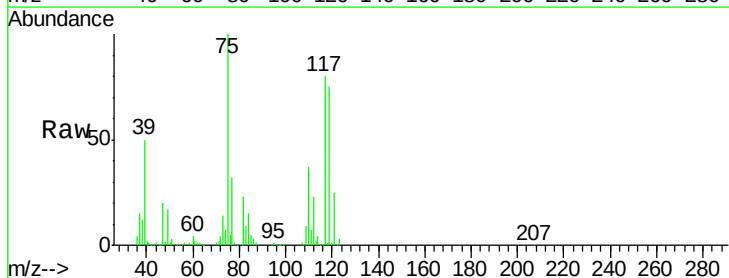
RT: 5.76 min Scan# 767

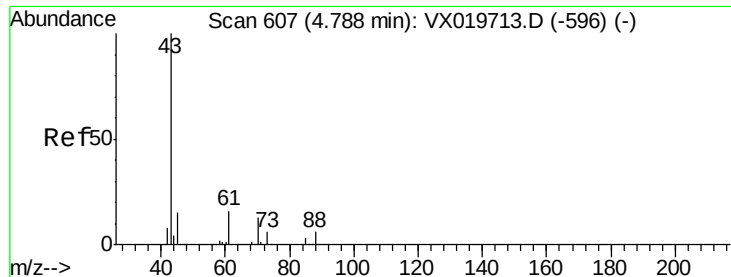
Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Tgt Ion:	75	Resp:	206100
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.1	54.4
77	31.2	25.3	37.9





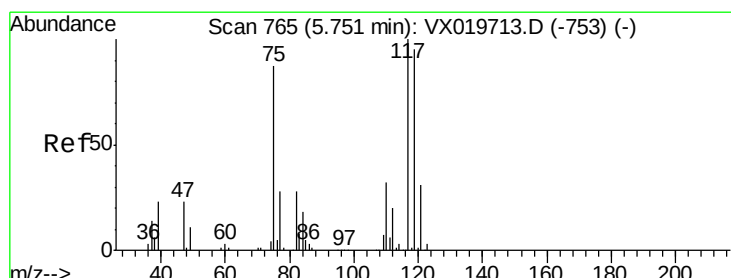
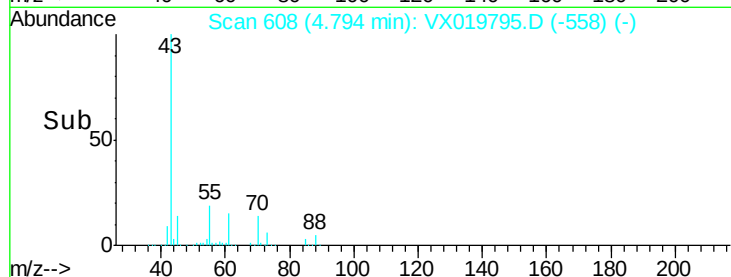
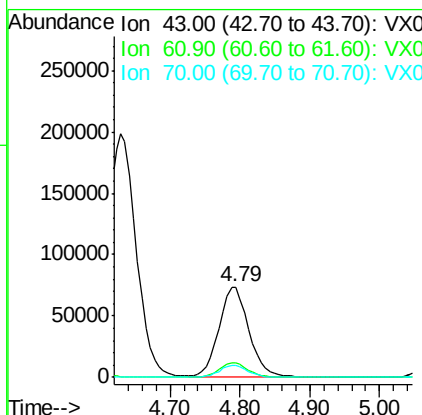
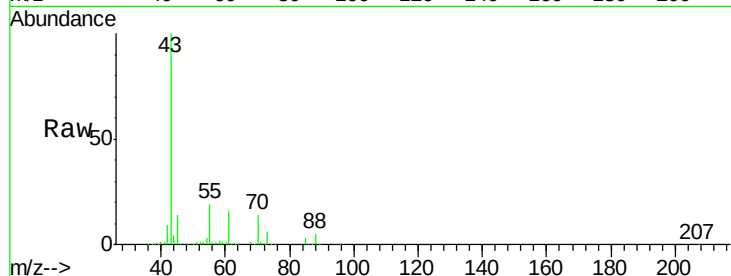
#37
Ethyl Acetate
Concen: 52.313 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.8	19.2
70	13.0	10.5	15.7

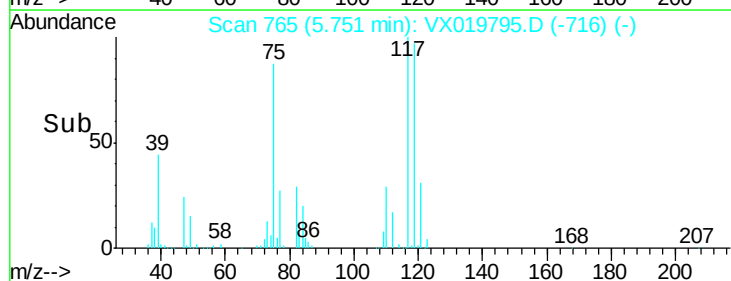
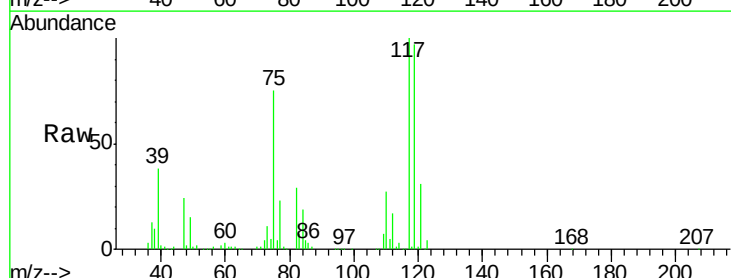
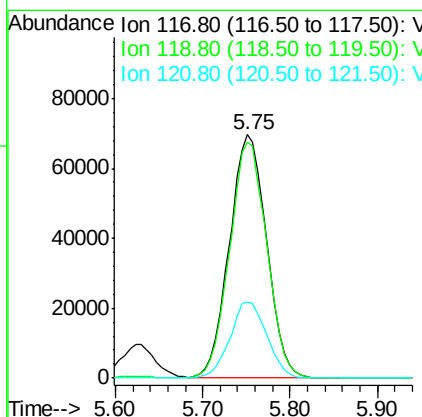
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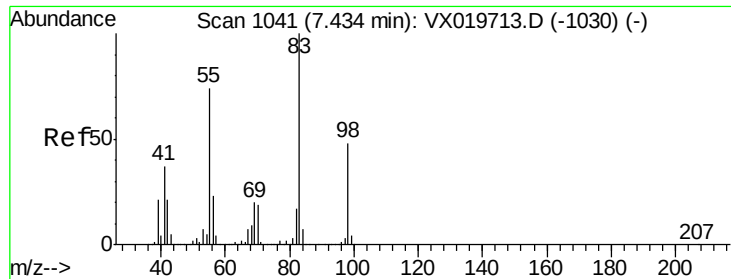
MMDadoda
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#38
Carbon Tetrachloride
Concen: 51.315 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.2	114.2
121	31.0	24.8	37.2





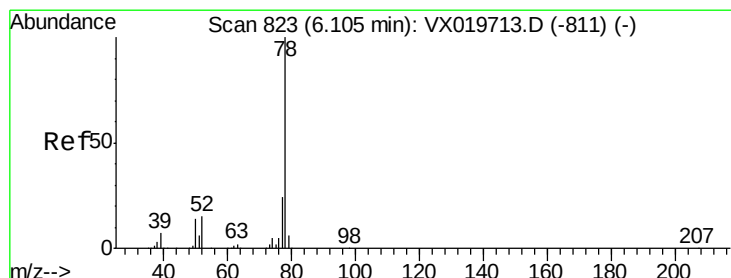
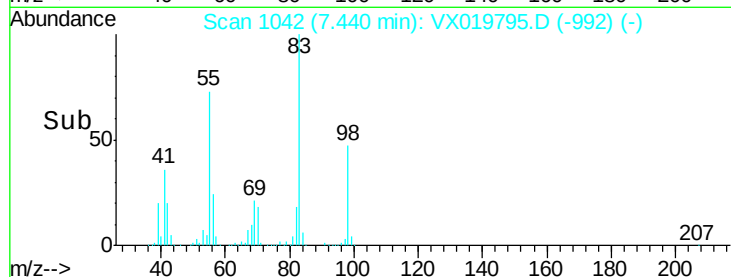
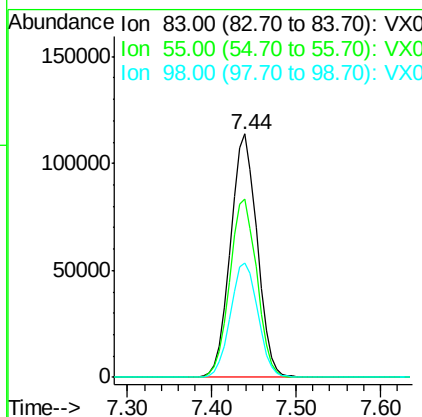
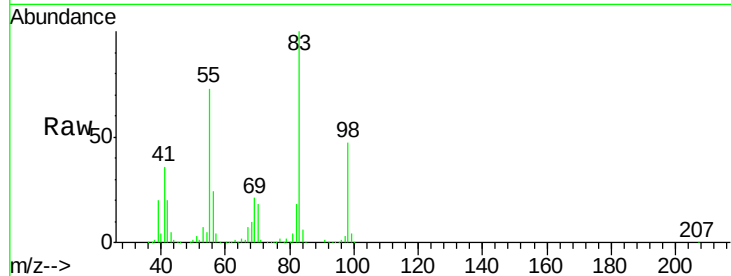
#39
Methylvlcyclohexane
Concen: 50.617 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	243885		
55	73.5		58.9	88.3
98	47.2		38.1	57.1

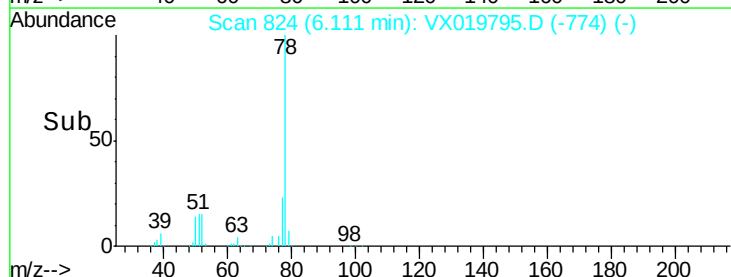
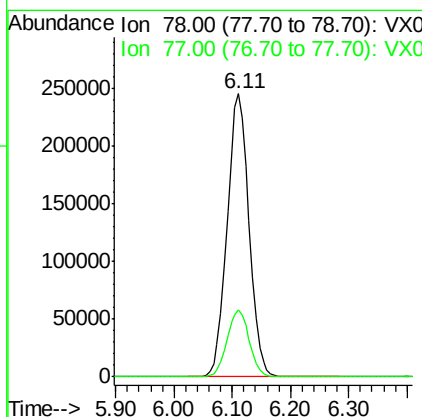
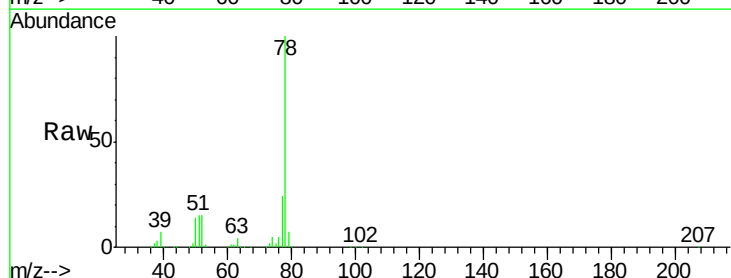
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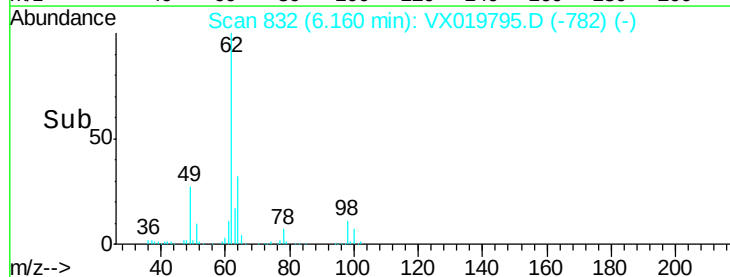
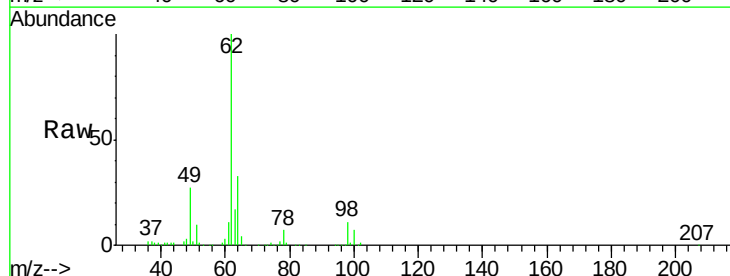
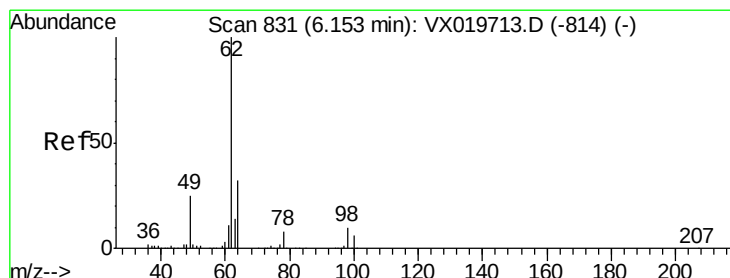
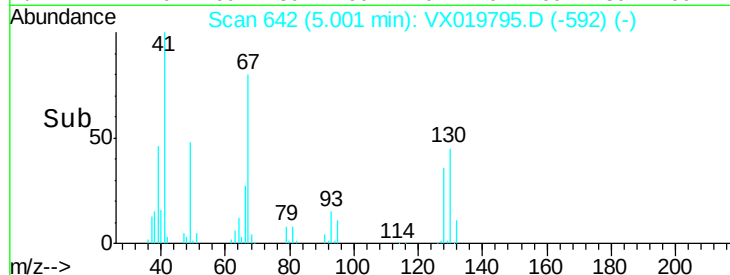
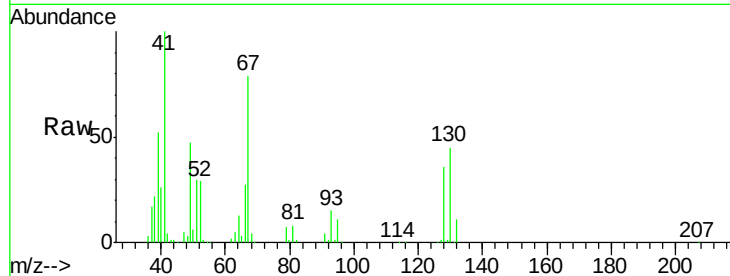
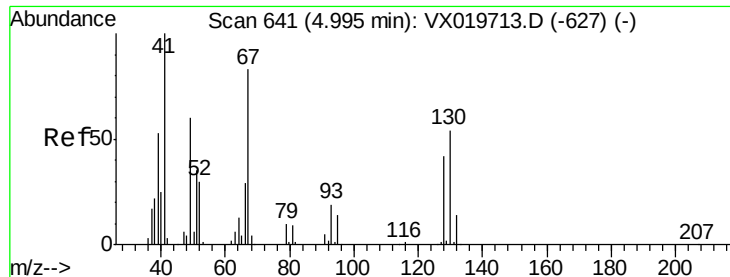
MMDadoda
12/10/2020 9:30:31 AM



#40
Benzene
Concen: 51.207 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

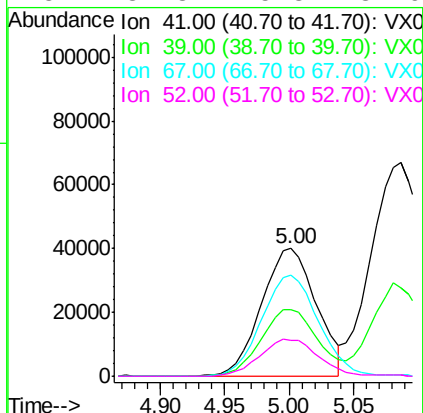
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	641491		
77	23.9		18.9	28.3





#41
Methacrylonitrile
Concen: 52.249 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	54.0	42.5	63.7		
67	82.4	65.0	97.6		
52	31.8	25.3	37.9		



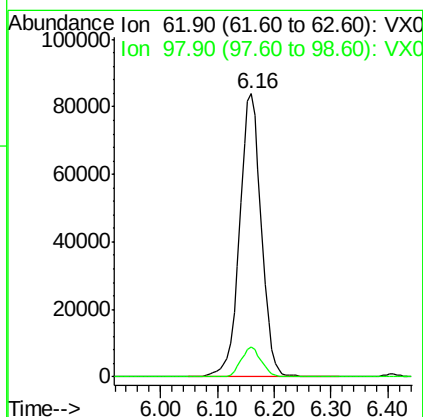
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

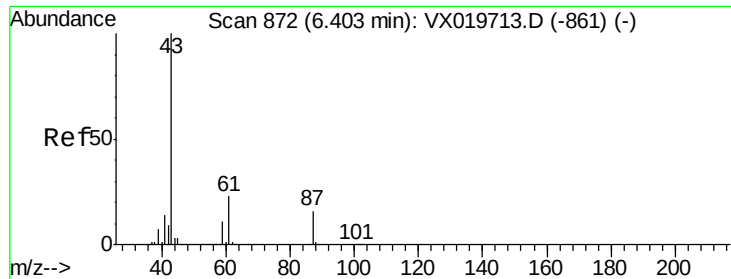
Manual Integrations
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12/10/2020 9:30:31 AM

#42
1,2-Dichloroethane
Concen: 52.055 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.9	0.0	20.2		





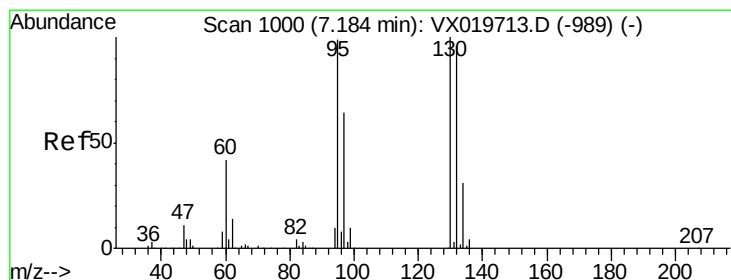
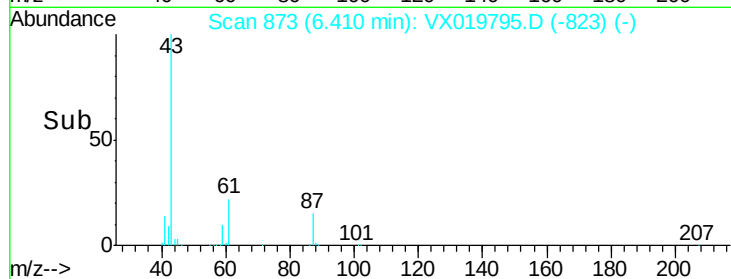
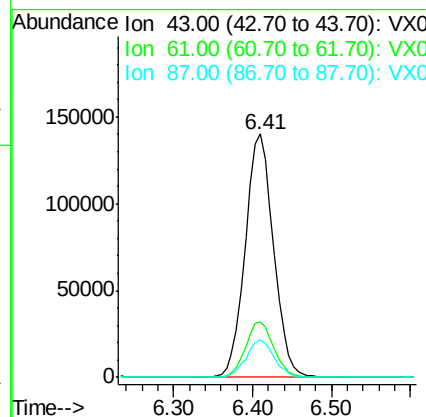
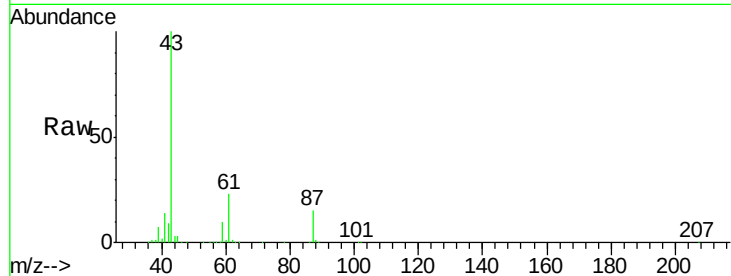
#43
Isopropyl Acetate
Concen: 51.637 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.4
87	15.2	12.5	18.7

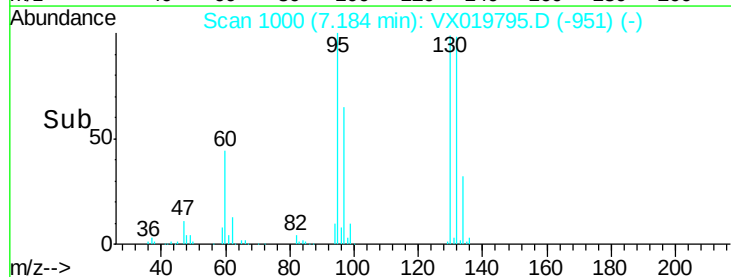
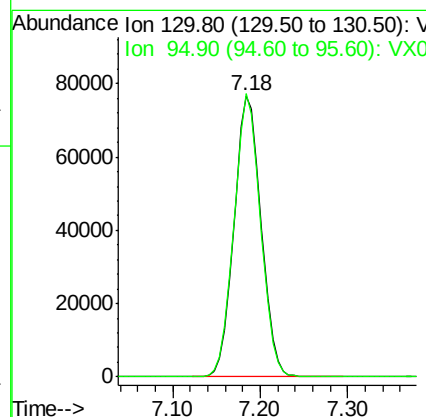
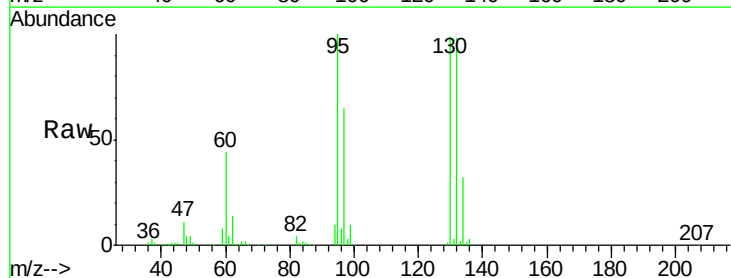
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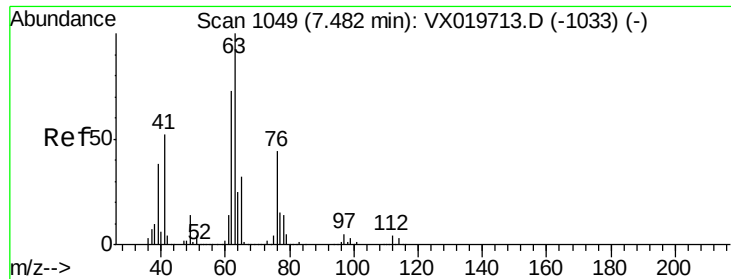
MMDadoda
12/10/2020 9:30:31 AM



#44
Trichloroethene
Concen: 50.170 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	198.0





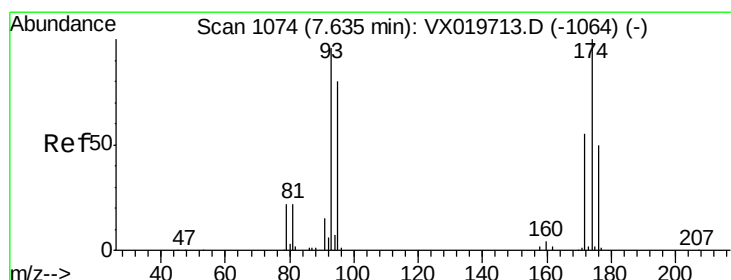
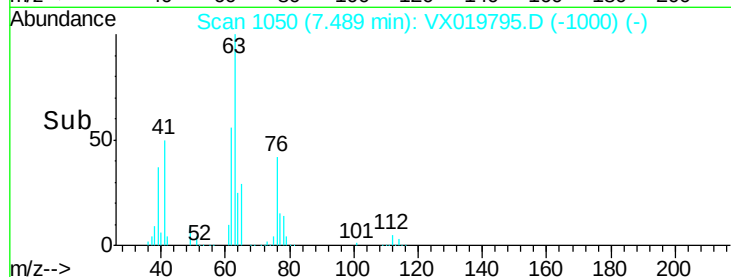
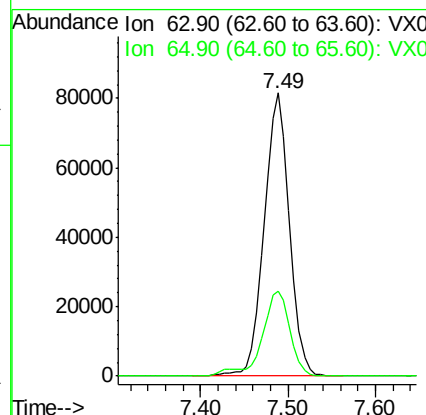
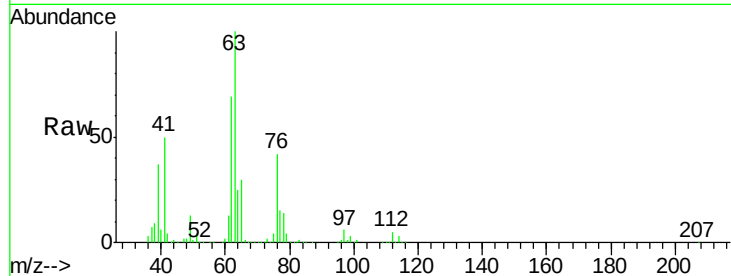
#45
 1,2-Dichloropropane
 Concen: 52.405 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 164080
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.7 38.5

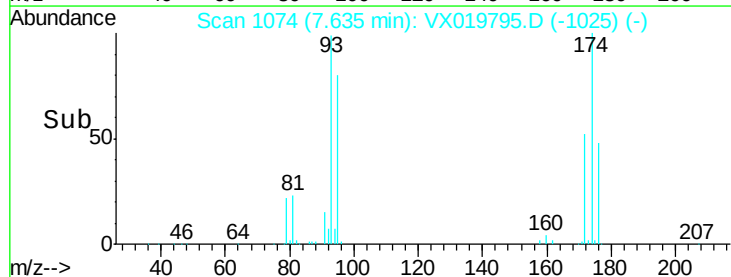
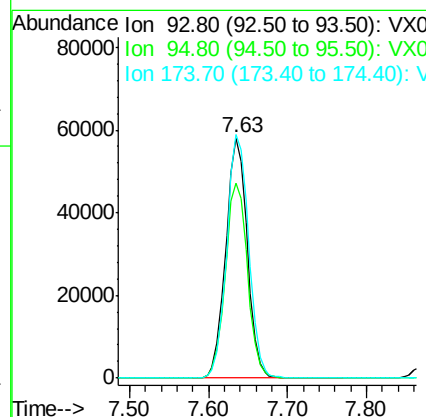
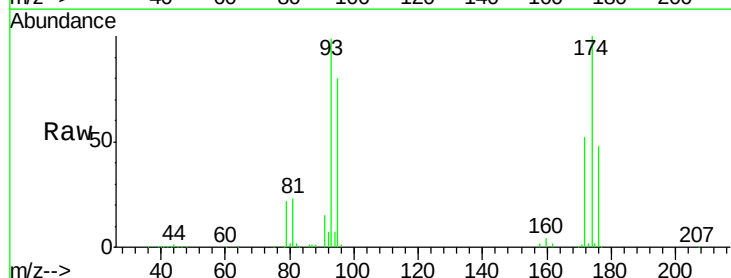
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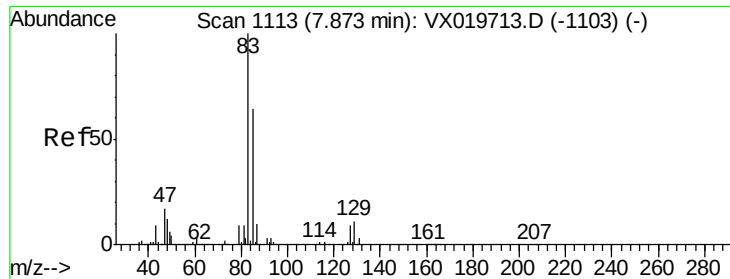
MMDadoda
 12/10/2020 9:30:31 AM



#46
 Dibromomethane
 Concen: 52.185 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion: 93 Resp: 110338
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.8 100.2
 174 103.3 83.1 124.7





#47

Bromodichloromethane

Concen: 52.631 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

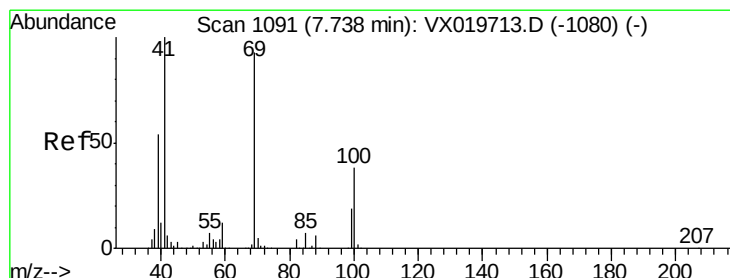
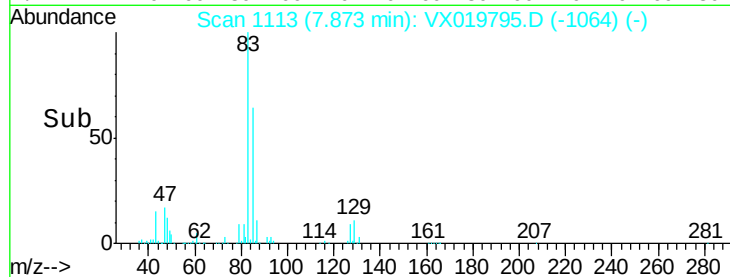
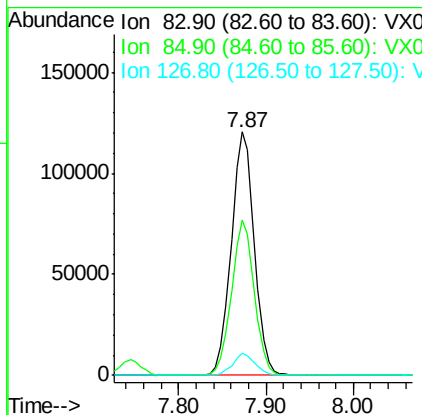
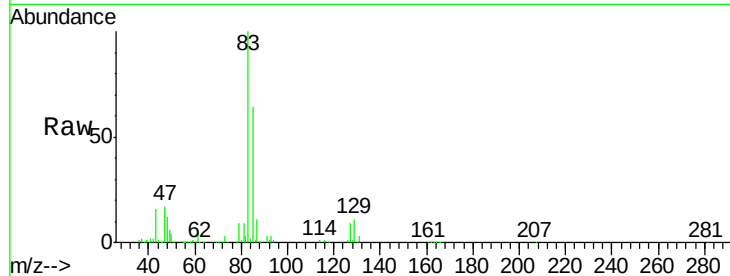
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	220818
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.4	77.0
127	9.0	6.8	10.2

Manual Integrations
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MMDadoda
12/10/2020 9:30:31 AM



#48

Methyl methacrylate

Concen: 52.723 ug/l

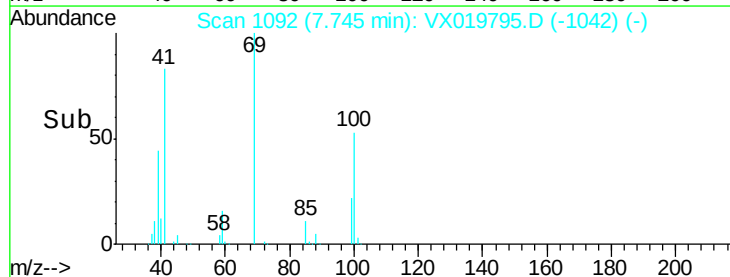
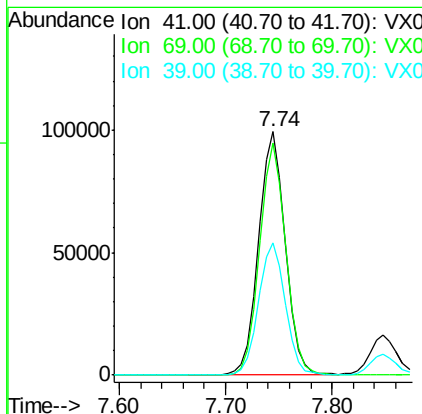
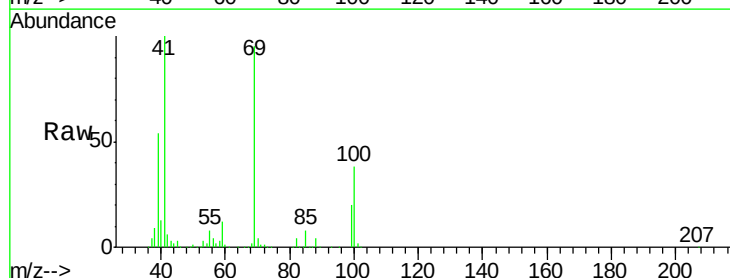
RT: 7.74 min Scan# 1092

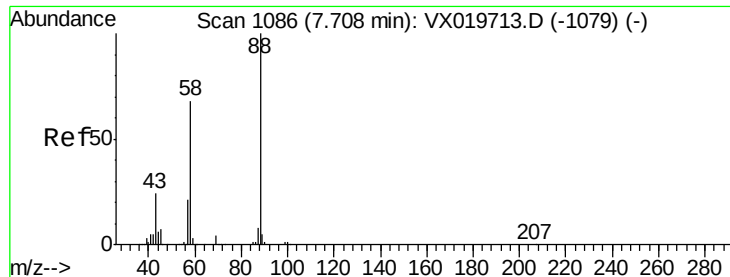
Delta R.T. 0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Tgt Ion:	41	Resp:	174557
Ion Ratio	Lower	Upper	
41	100		
69	94.0	76.0	114.0
39	54.5	44.6	67.0





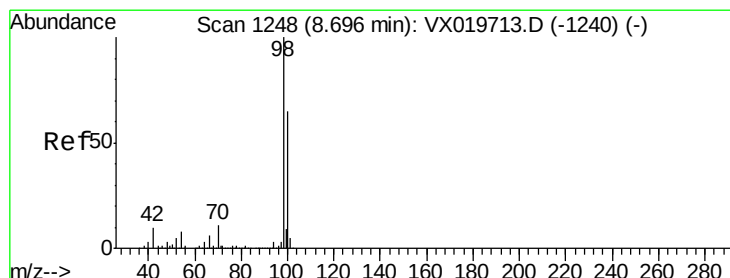
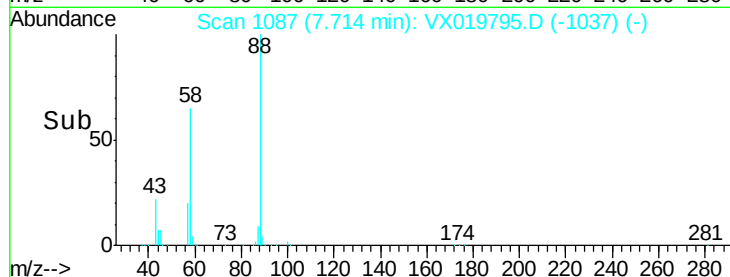
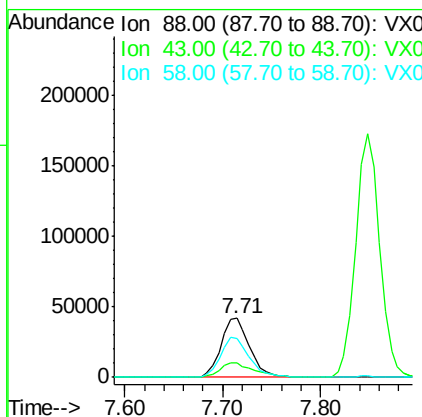
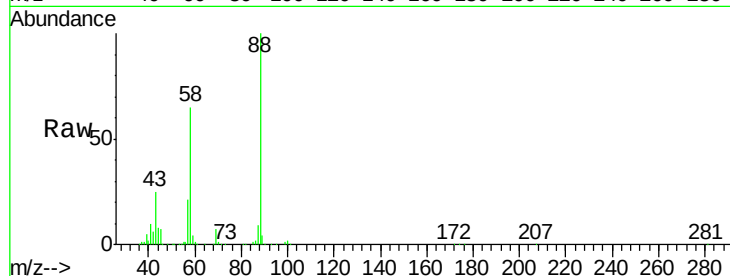
#49
1,4-Dioxane
Concen: 1058.538 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	23.2	34.8
58	68.1	55.0	82.4

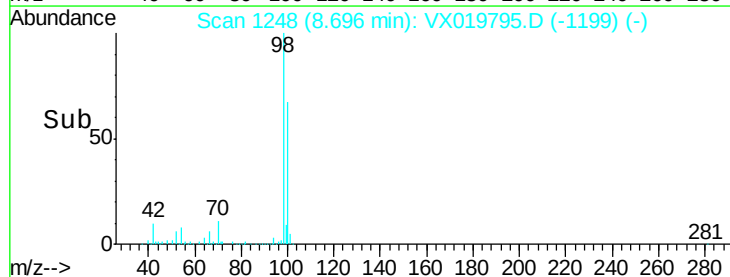
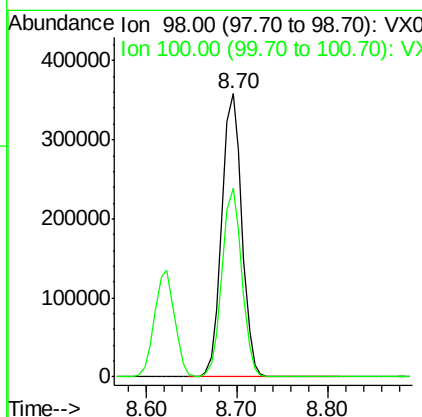
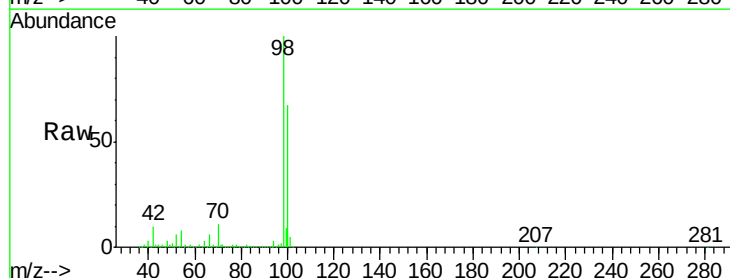
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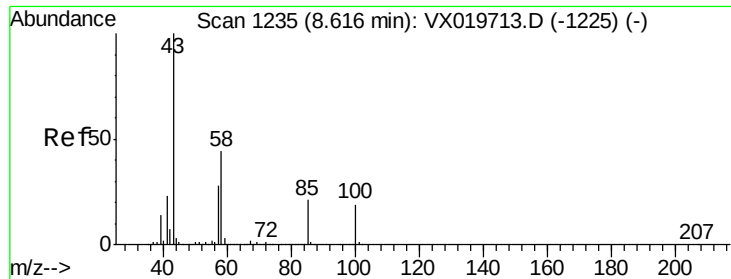
MMDadoda
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#50
Toluene-d8
Concen: 49.443 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	51.9	77.9





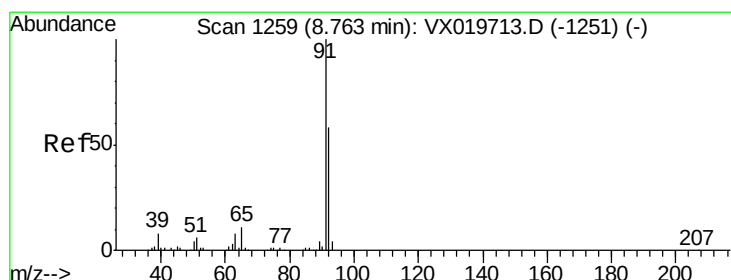
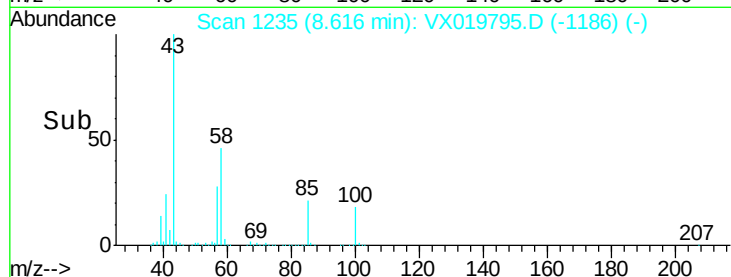
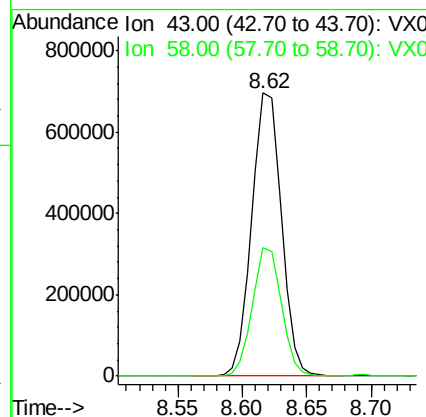
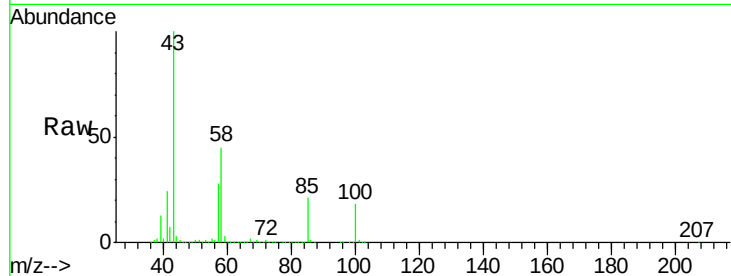
#51
4-Methyl-2-Pentanone
Concen: 269.303 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1106855
Ion Ratio Lower Upper
43 100
58 44.5 35.4 53.0

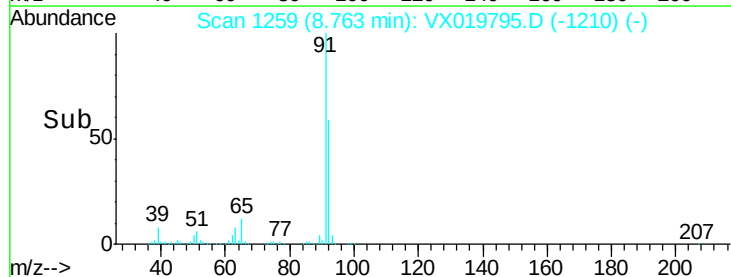
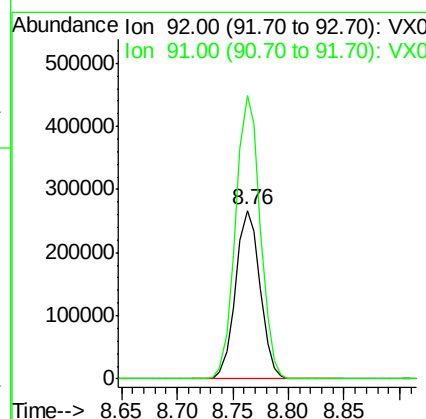
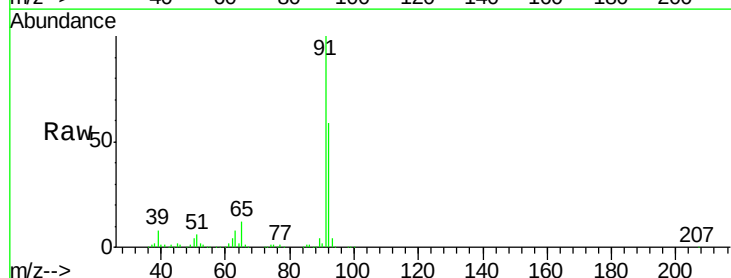
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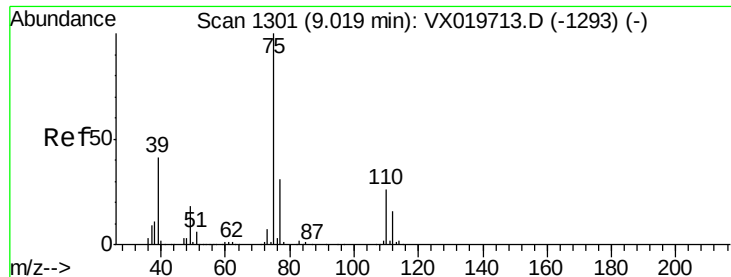
MMDadoda
12/10/2020 9:30:31 AM



#52
Toluene
Concen: 51.795 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 92 Resp: 405821
Ion Ratio Lower Upper
92 100
91 169.4 137.1 205.7





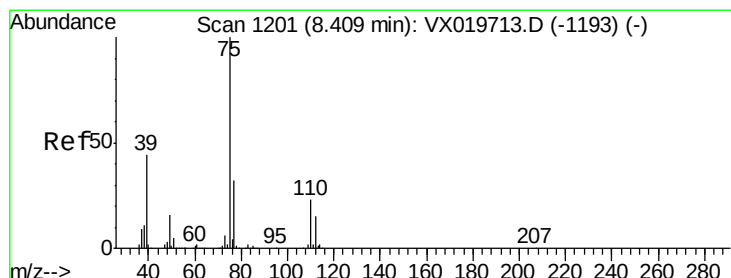
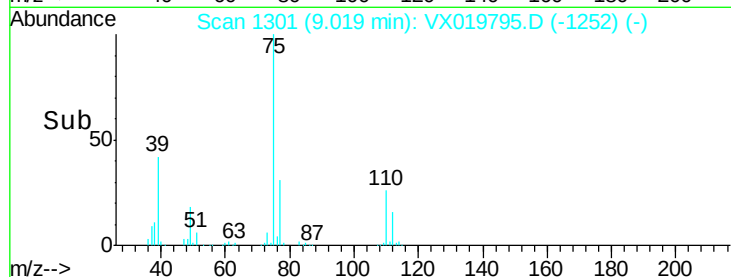
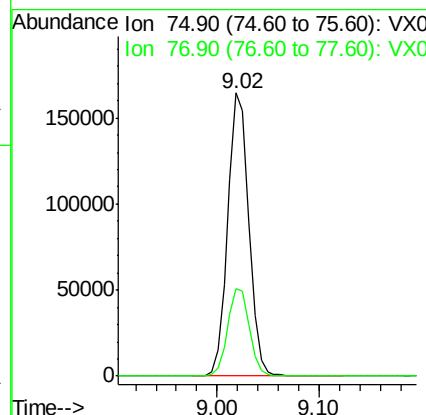
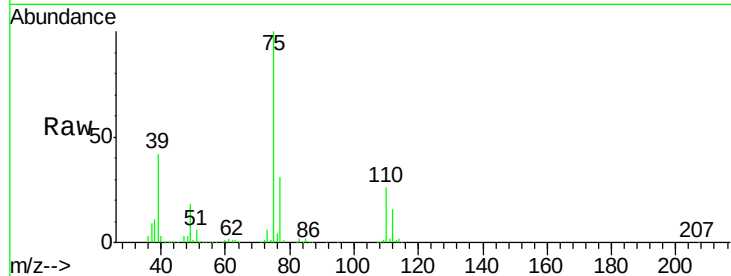
#53
t-1,3-Dichloropropene
Concen: 50.734 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.9	37.3

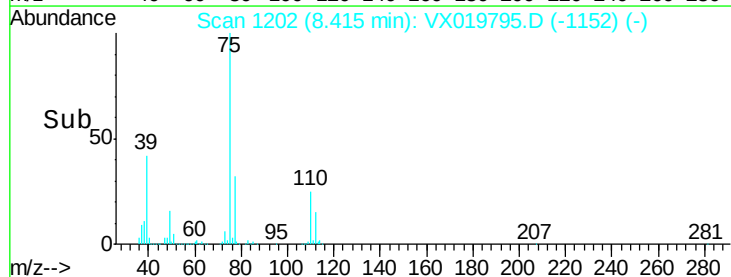
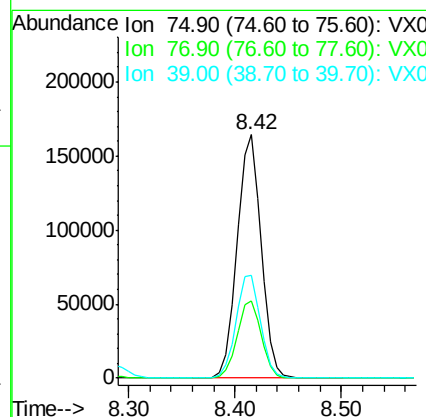
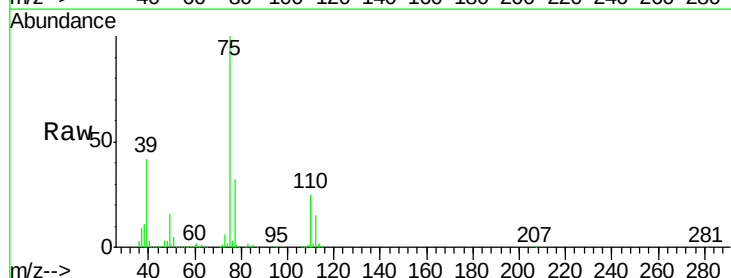
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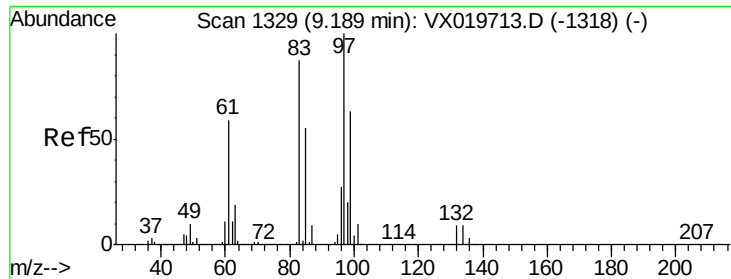
MMDadoda
12/10/2020 9:30:31 AM



#54
cis-1,3-Dichloropropene
Concen: 51.417 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.7	38.5
39	42.4	35.1	52.7





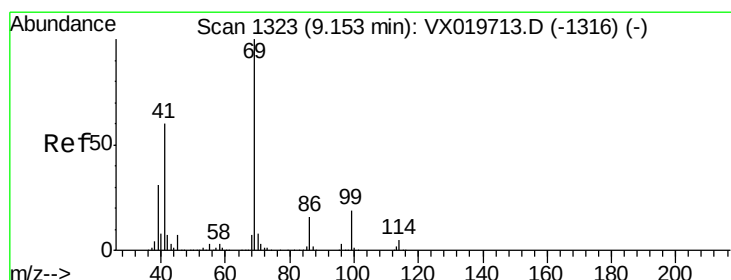
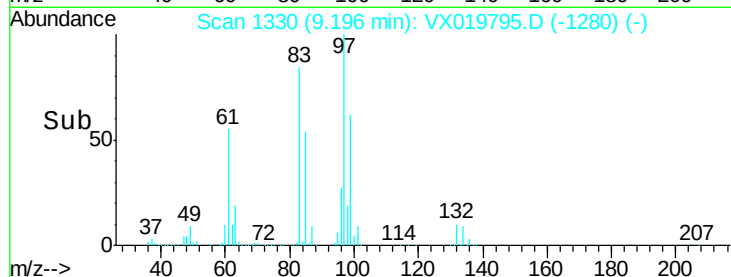
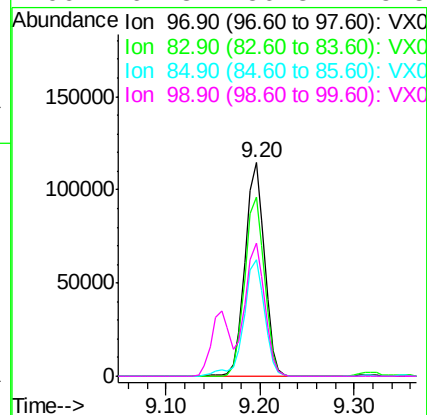
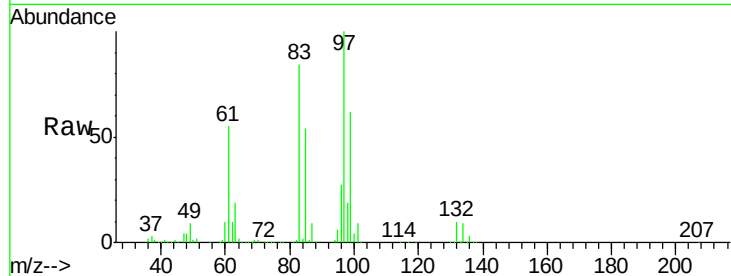
#55
 1,1,2-Trichloroethane
 Concen: 52.556 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		165946		
83	83.6	69.3	103.9		
85	54.4	44.3	66.5		
99	62.3	50.3	75.5		

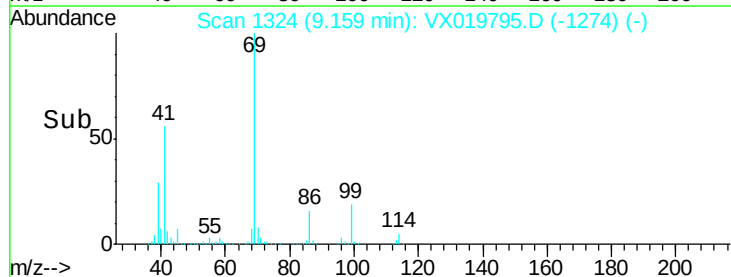
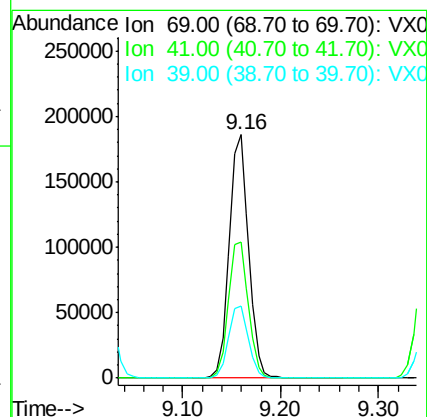
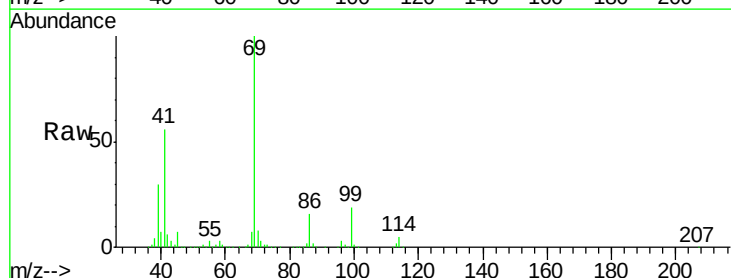
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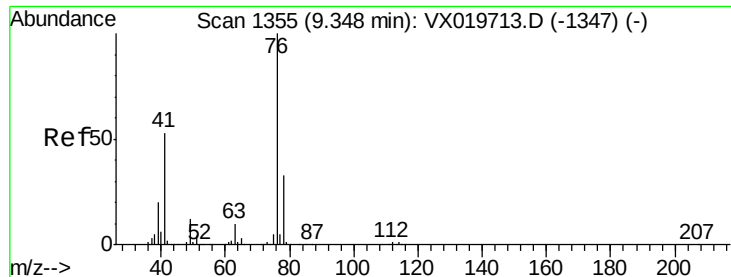
MMDadoda
 12/10/2020 9:30:31 AM



#56
 Ethyl methacrylate
 Concen: 53.395 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		255076		
41	57.8	46.8	70.2		
39	30.4	24.7	37.1		





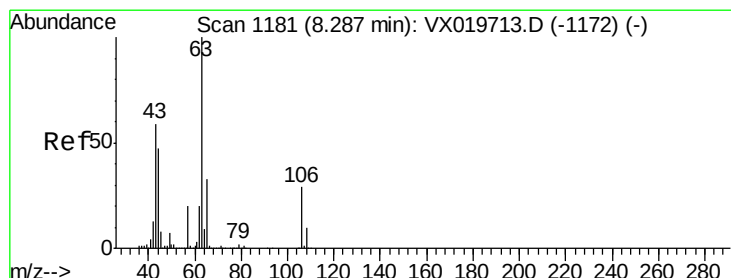
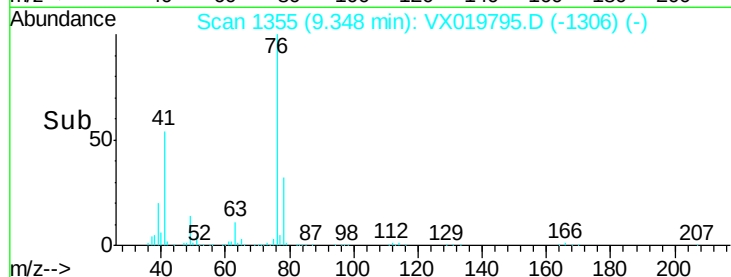
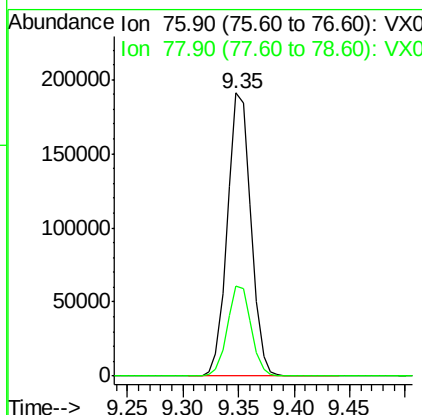
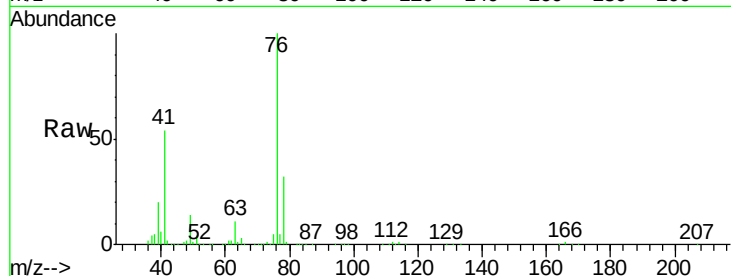
#57
 1,3-Dichloropropane
 Concen: 51.722 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.2

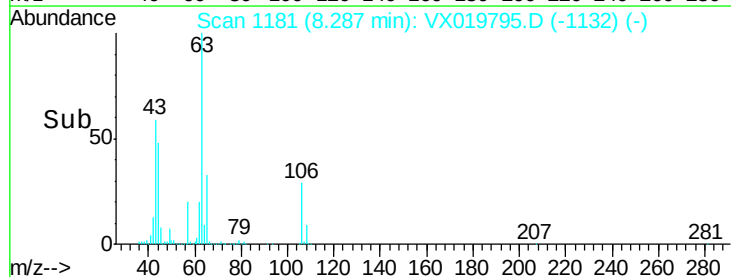
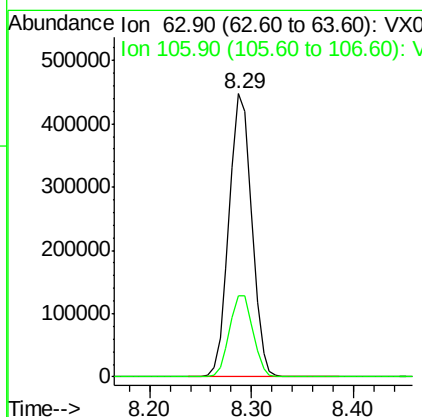
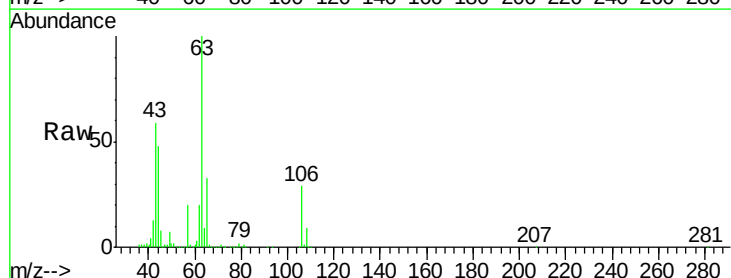
Manual Integrations
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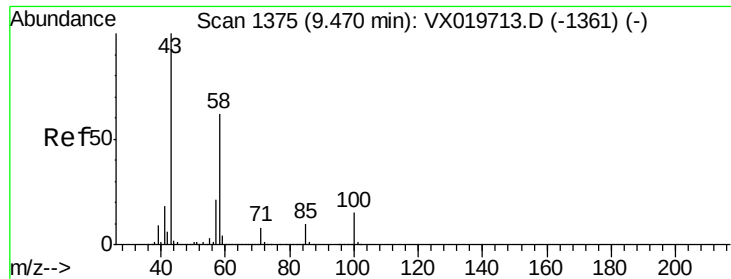
MMDadoda
 12/10/2020 9:30:31 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.530 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.5	35.3





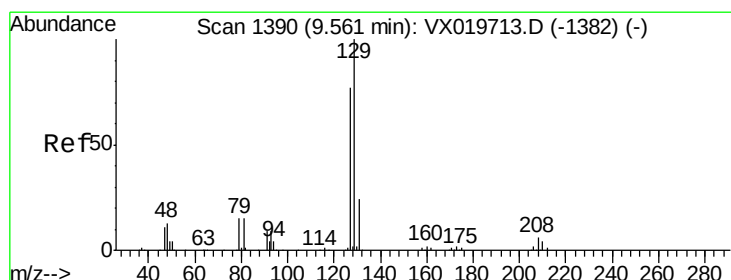
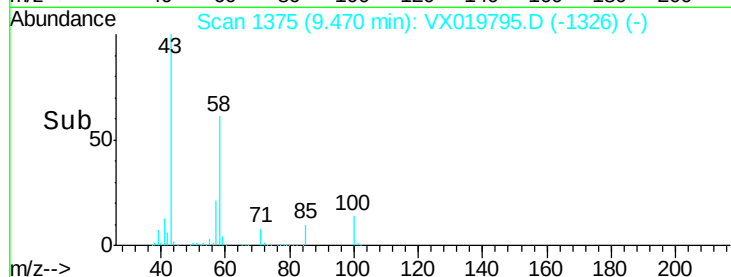
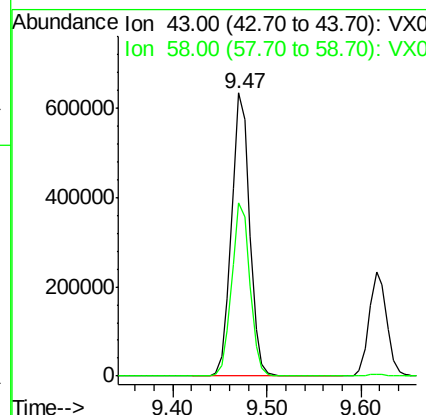
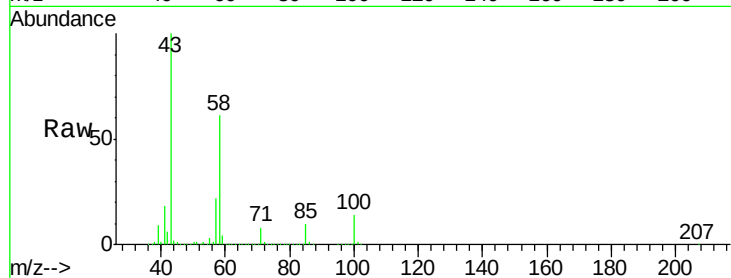
#59
2-Hexanone
Concen: 266.489 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.4	30.9	92.8

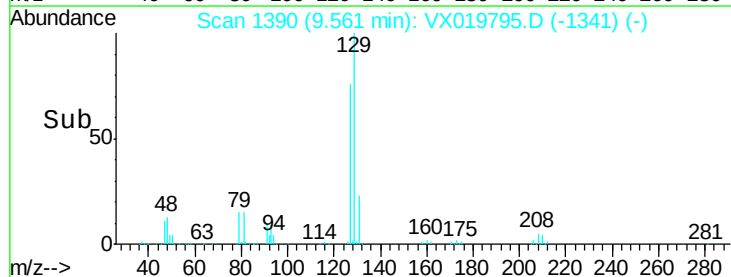
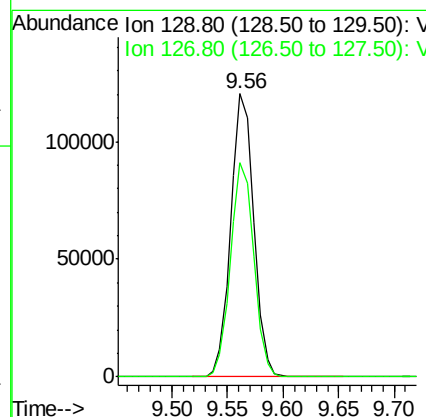
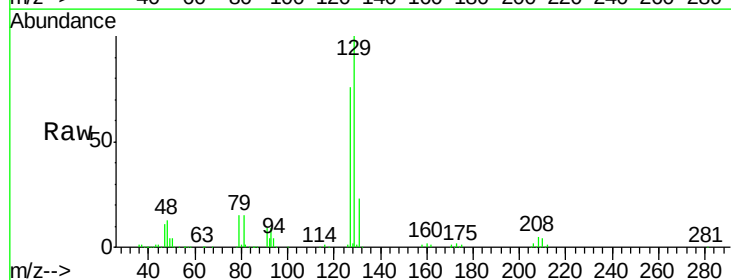
Manual Integrations
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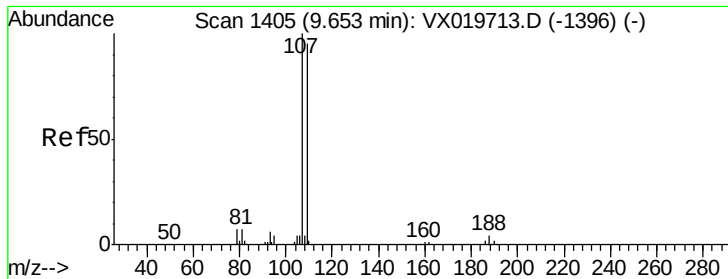
MMDadoda
12/10/2020 9:30:31 AM



#60
Dibromochloromethane
Concen: 53.754 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2





#61

1,2-Dibromoethane

Concen: 51.939 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 174143

Ion Ratio Lower Upper

107 100

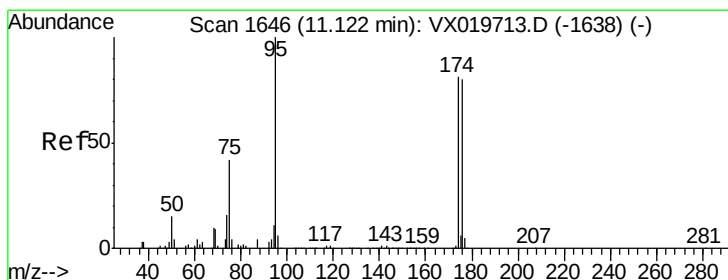
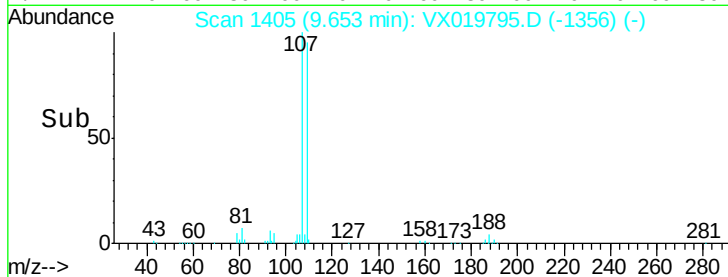
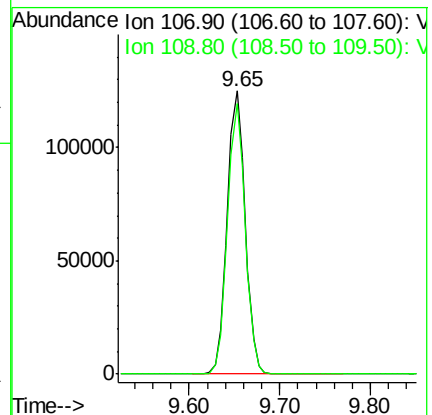
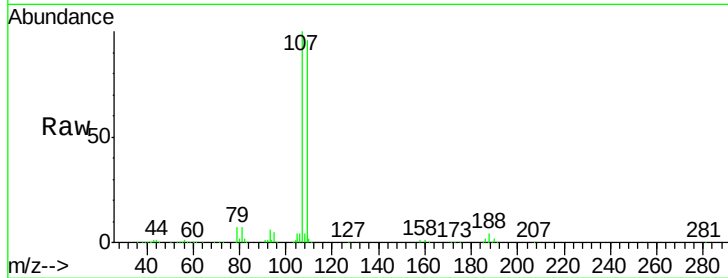
109 94.2 75.8 113.6

Manual Integrations

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MMDadoda

12/10/2020 9:30:31 AM



#62

4-Bromofluorobenzene

Concen: 49.840 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

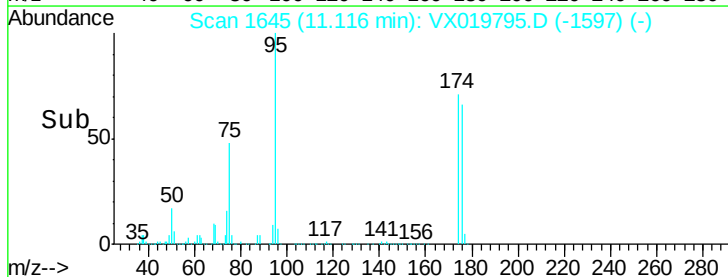
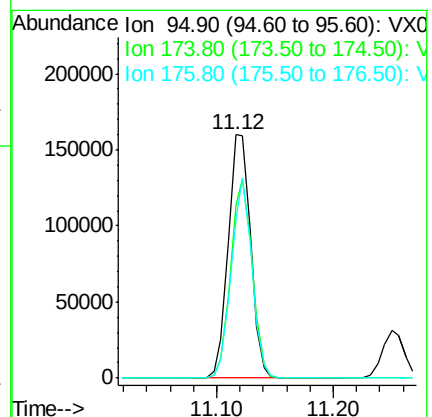
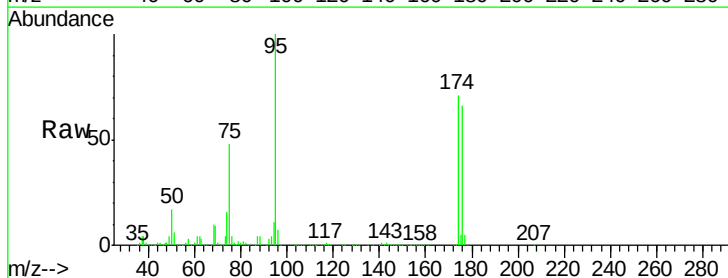
Tgt Ion: 95 Resp: 212421

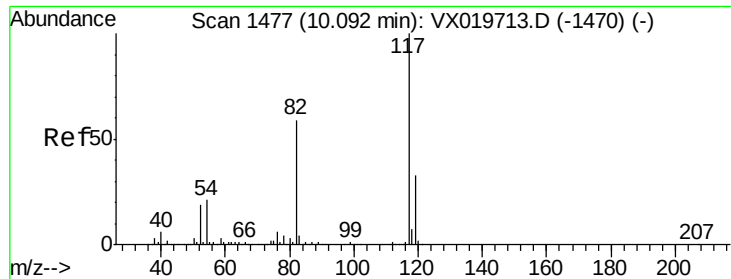
Ion Ratio Lower Upper

95 100

174 79.1 0.0 154.6

176 75.8 0.0 155.8





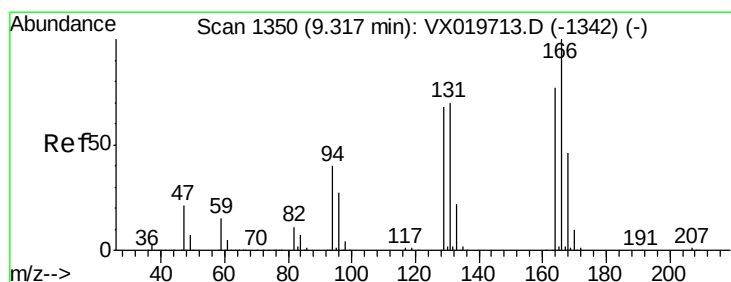
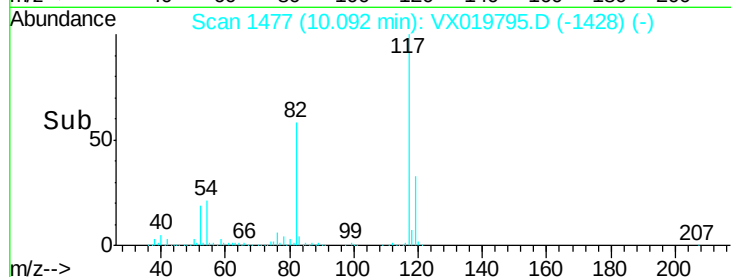
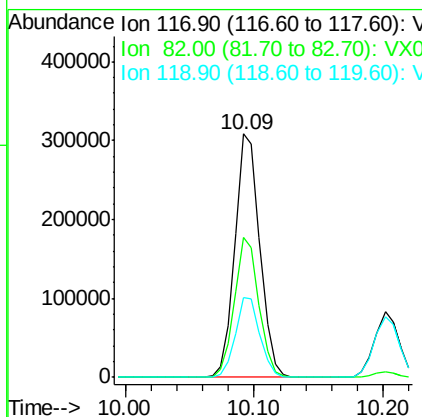
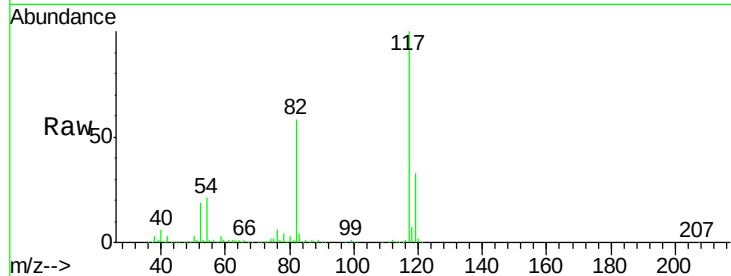
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	414976		
82	57.5		47.4	71.2
119	32.8		26.6	39.8

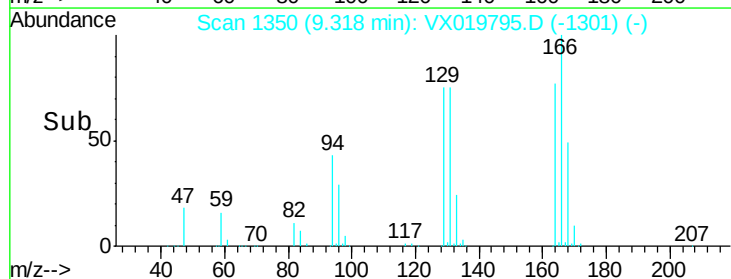
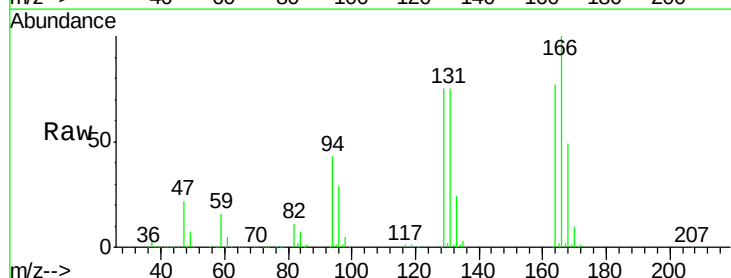
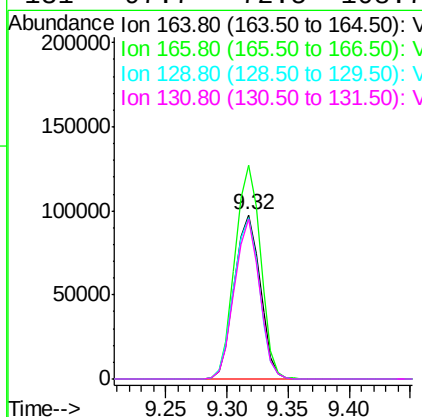
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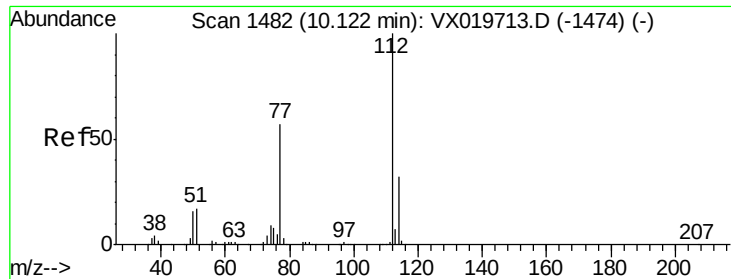
MMDadoda
12/10/2020 9:30:31 AM



#64
Tetrachloroethene
Concen: 51.474 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	143247		
166	130.1		103.4	155.2
129	98.2		70.8	106.2
131	97.7		72.5	108.7





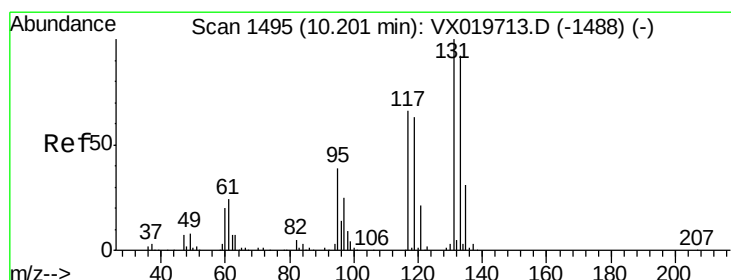
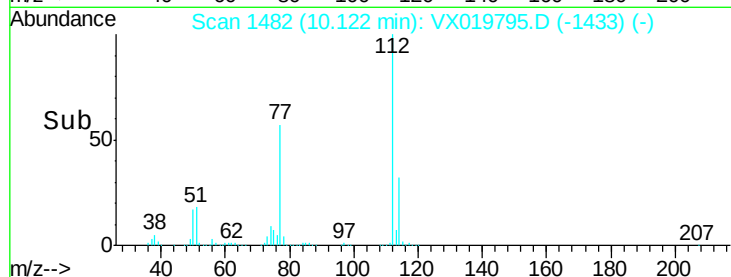
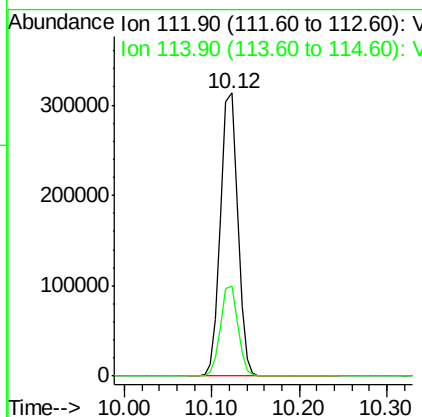
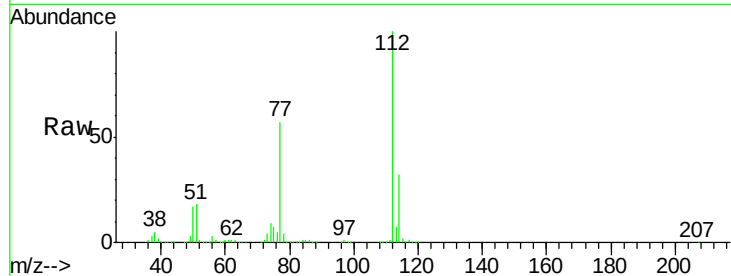
#65
Chlorobenzene
Concen: 51.690 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 427343
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

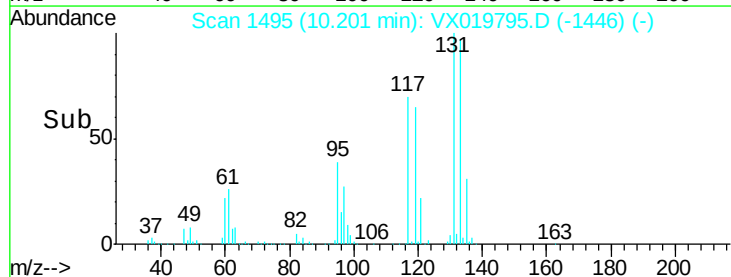
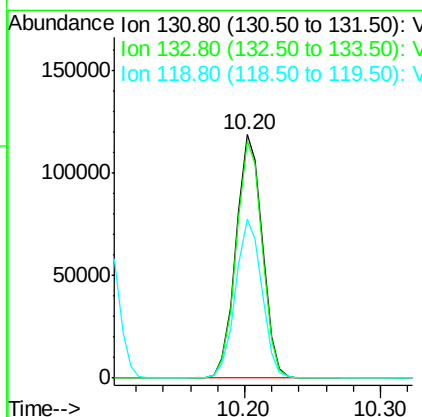
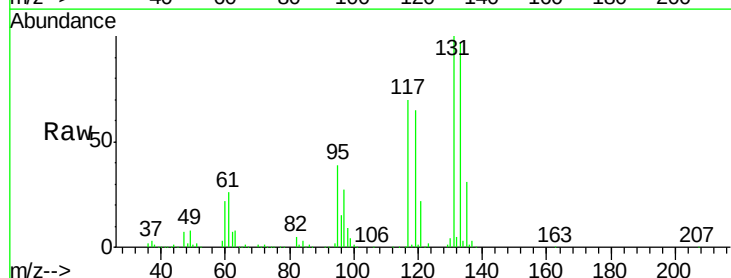
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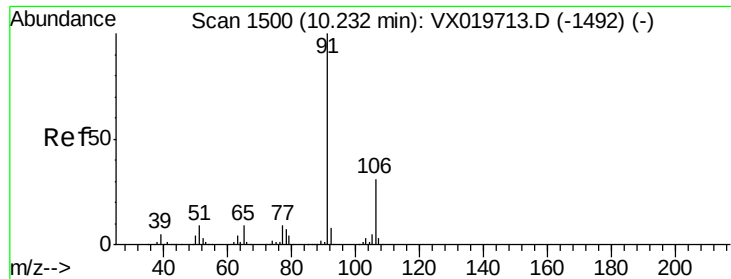
MMDadoda
12/10/2020 9:30:31 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.630 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion:131 Resp: 159586
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 65.3 32.1 96.5





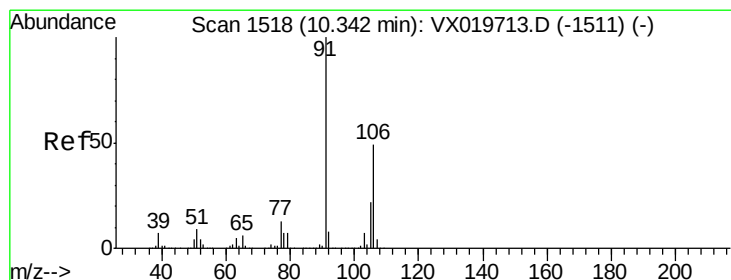
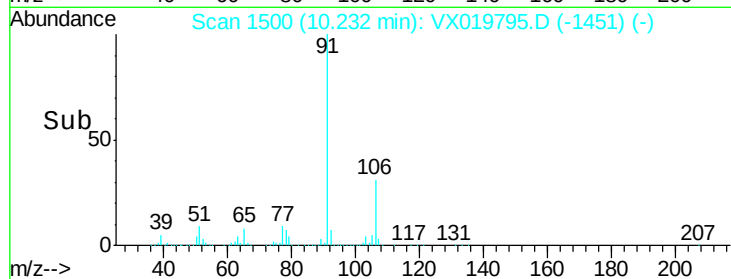
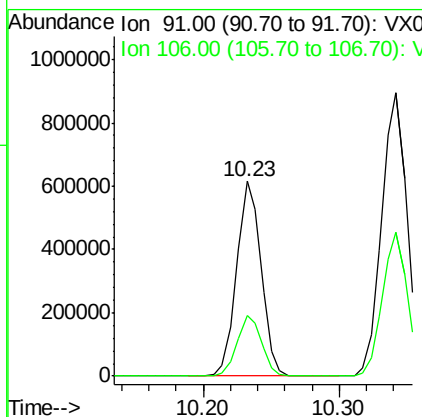
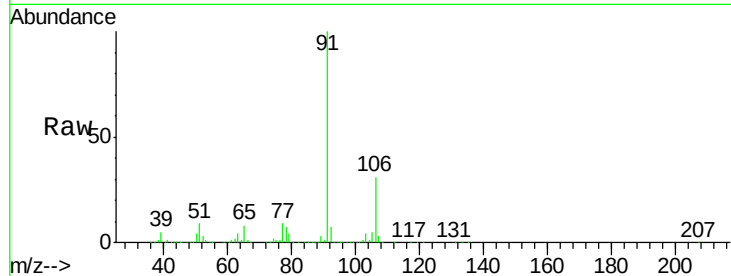
#67
Ethyl Benzene
Concen: 52.587 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 771722
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0

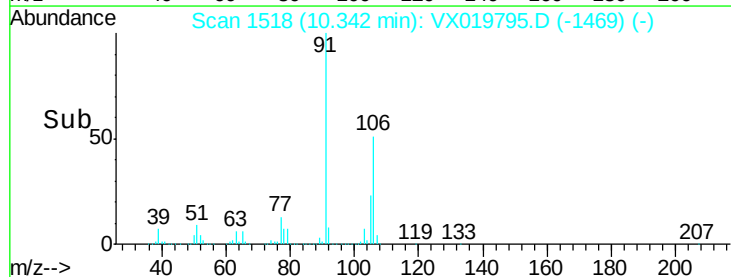
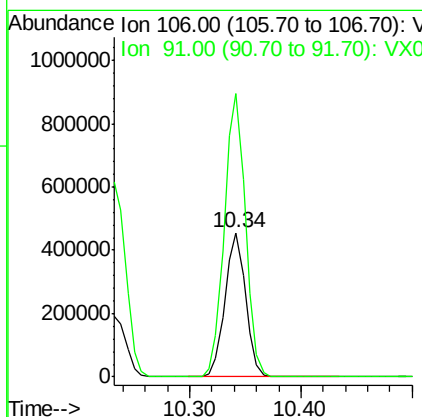
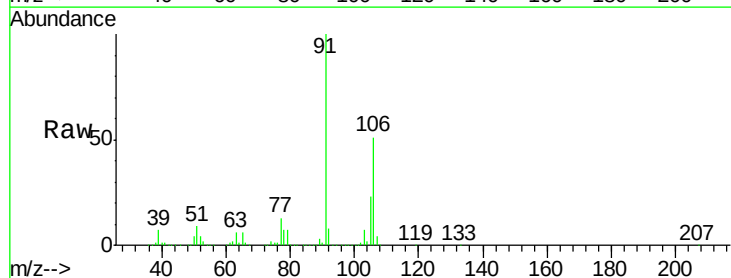
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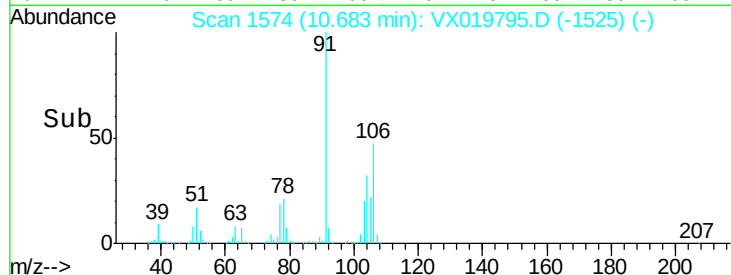
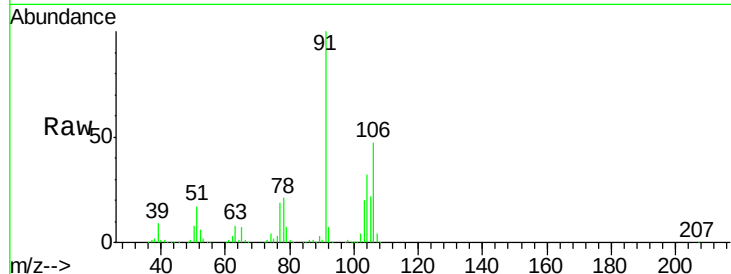
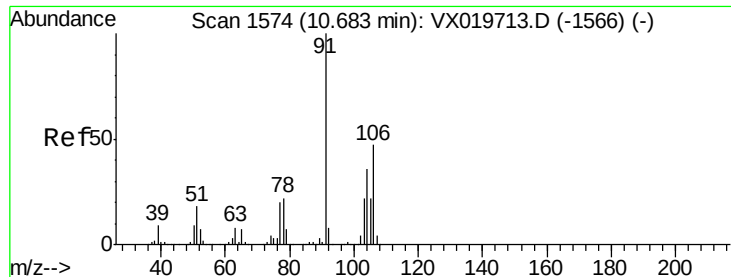
MMDadoda
12/10/2020 9:30:31 AM



#68
m/p-Xylenes
Concen: 105.345 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion: 106 Resp: 582539
Ion Ratio Lower Upper
106 100
91 200.5 162.8 244.2





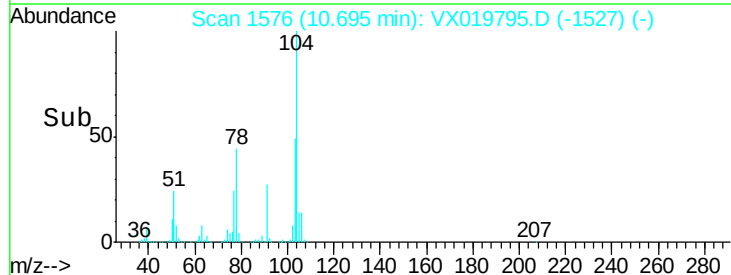
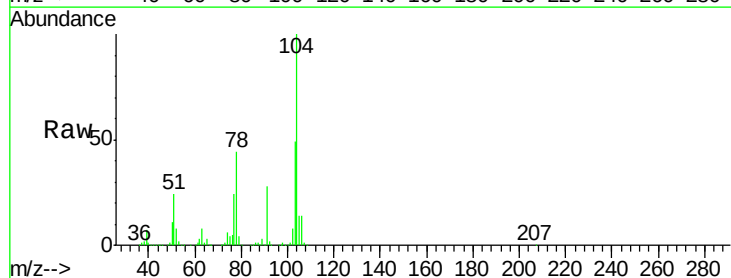
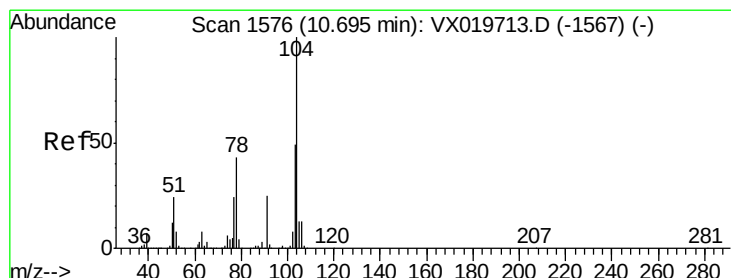
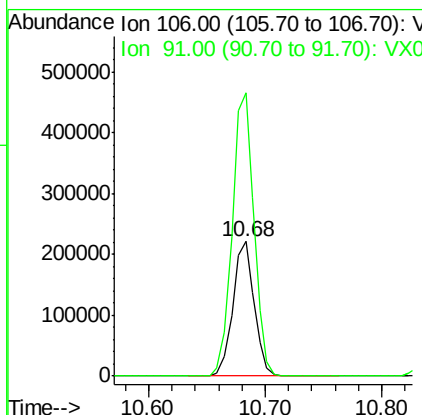
#69
o-Xylene
Concen: 52.819 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tot Ion:106 Resp: 280966
Ion Ratio Lower Upper
106 100
91 215.0 108.1 324.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

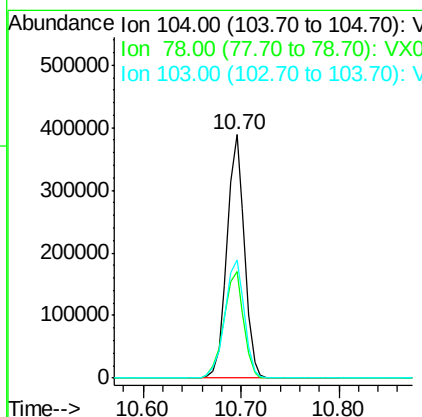
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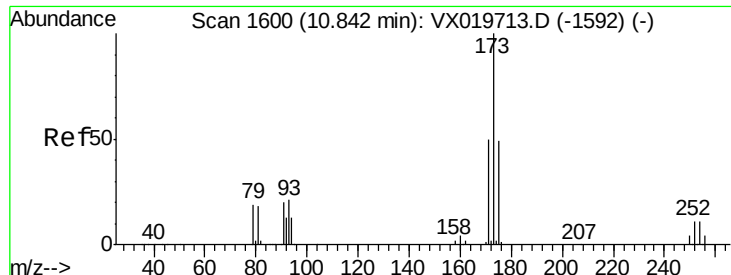
MMDadoda
12/10/2020 9:30:31 AM



#70
Styrene
Concen: 53.543 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion:104 Resp: 480733
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 54.6 43.4 65.0





#71

Bromoform

Concen: 54.316 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 127149

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.8

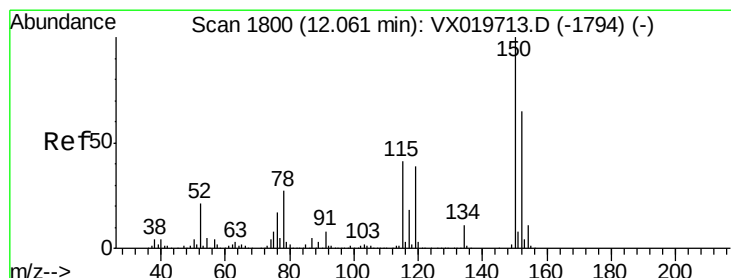
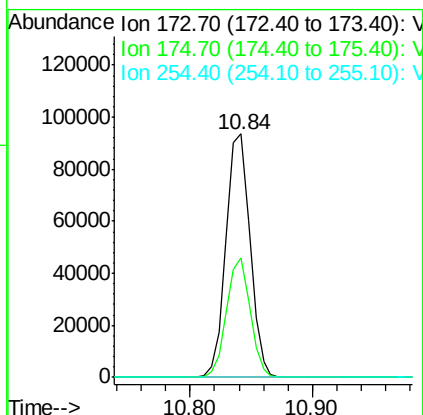
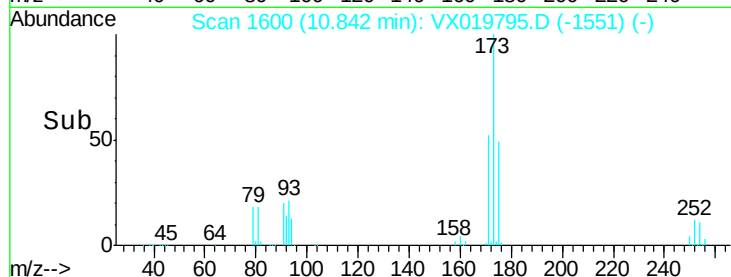
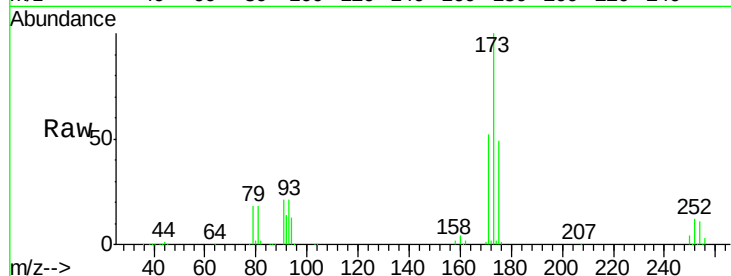
254 0.1 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

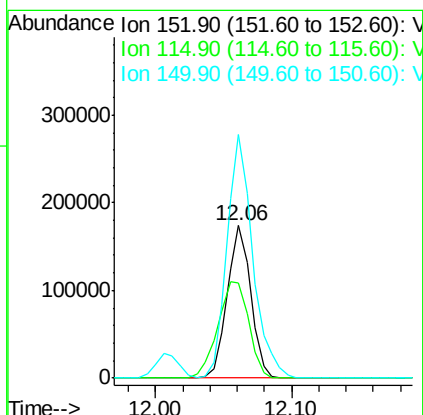
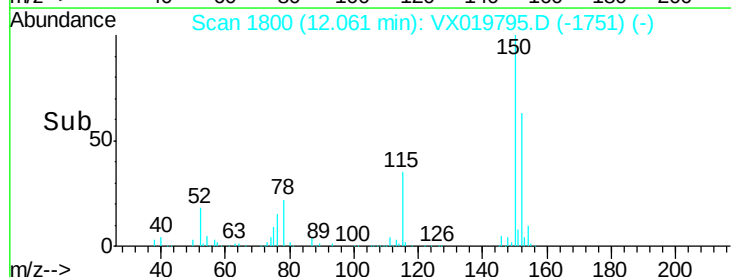
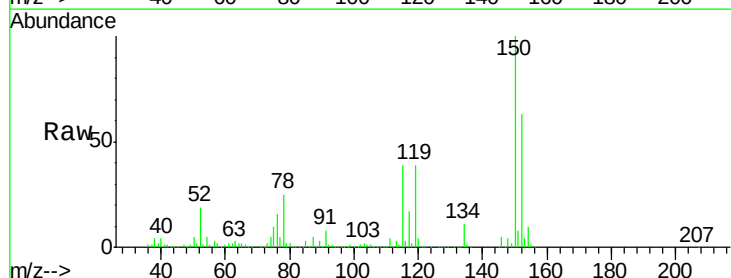
Tgt Ion:152 Resp: 208257

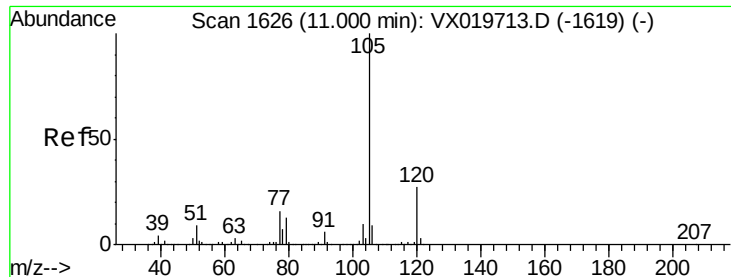
Ion Ratio Lower Upper

152 100

115 83.4 41.1 123.3

150 175.0 0.0 349.0





#73

Isopropylbenzene

Concen: 52.944 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 753287

Ion Ratio Lower Upper

105 100

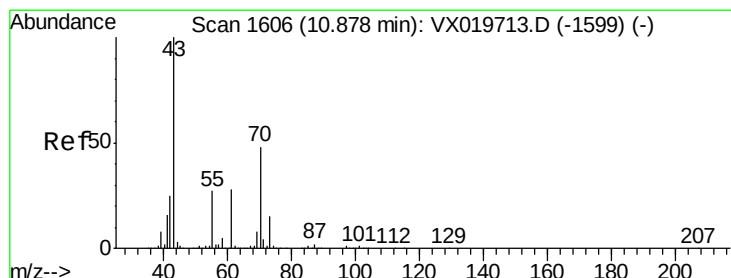
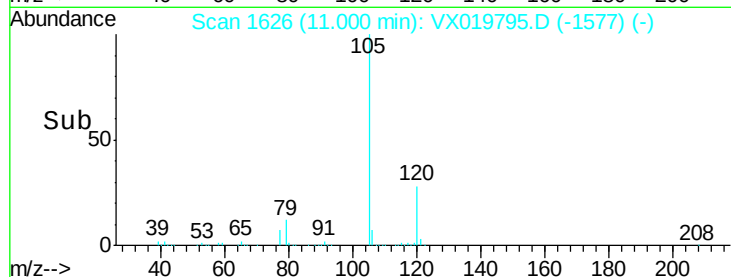
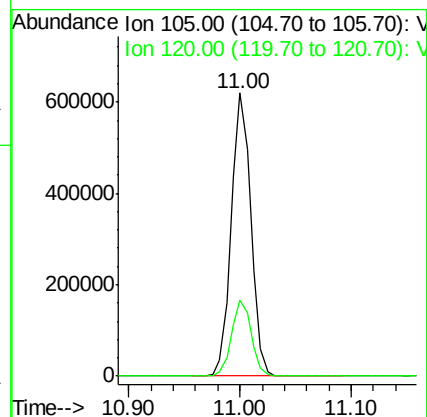
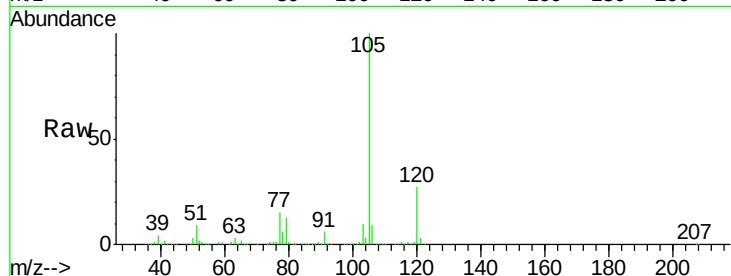
120 26.8 13.2 39.6

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#74

N-ethyl acetate

Concen: 52.708 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Tgt Ion: 43 Resp: 300531

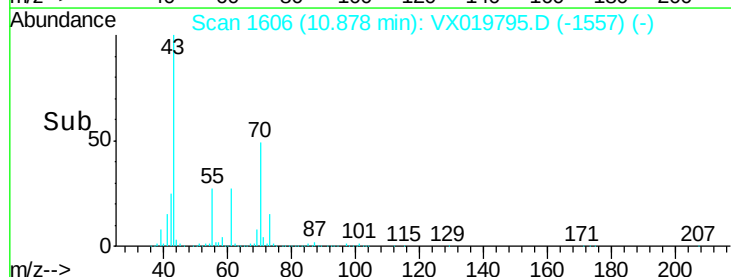
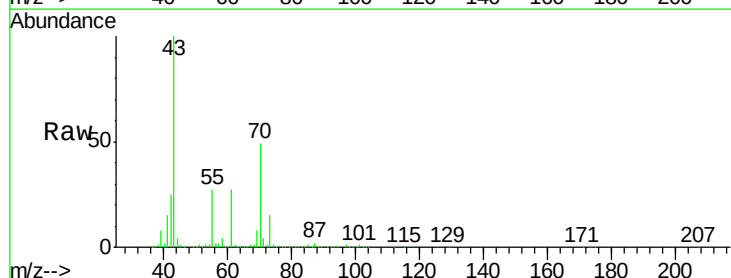
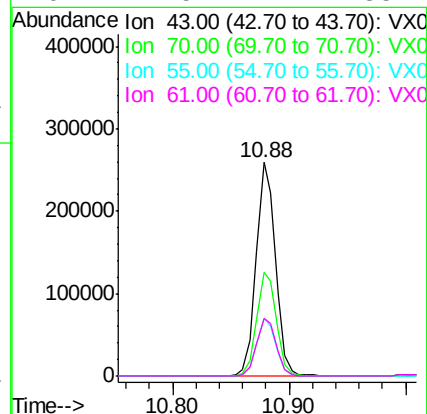
Ion Ratio Lower Upper

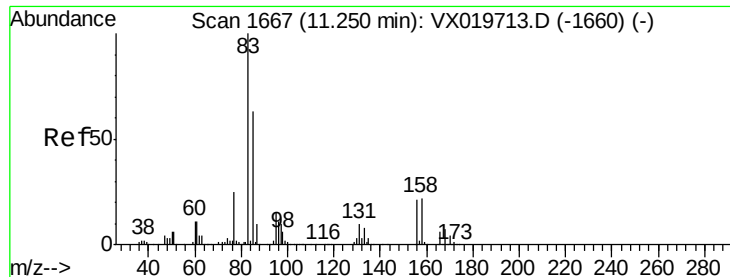
43 100

70 49.4 39.0 58.6

55 27.3 21.5 32.3

61 27.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.899 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

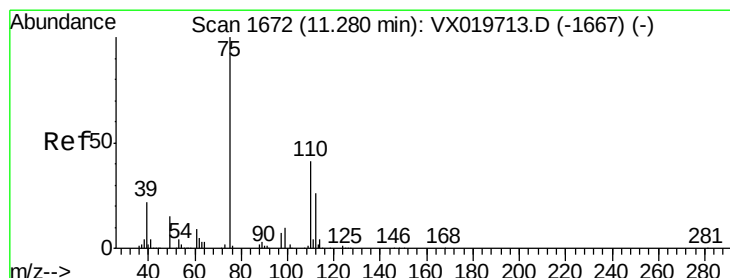
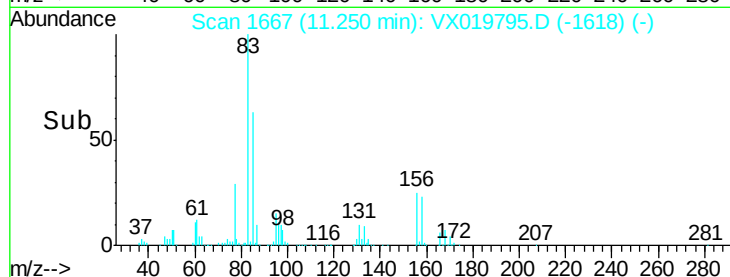
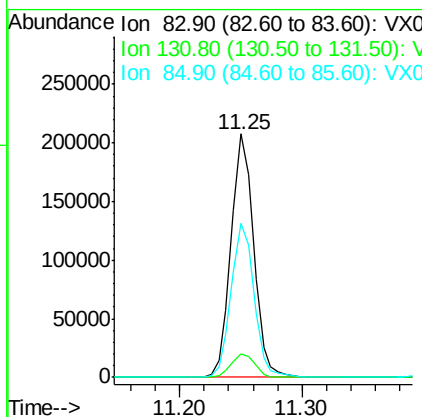
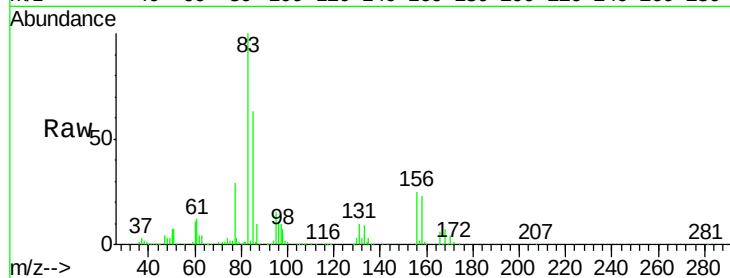
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	265353
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.2
85	64.2	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 52.601 ug/l m

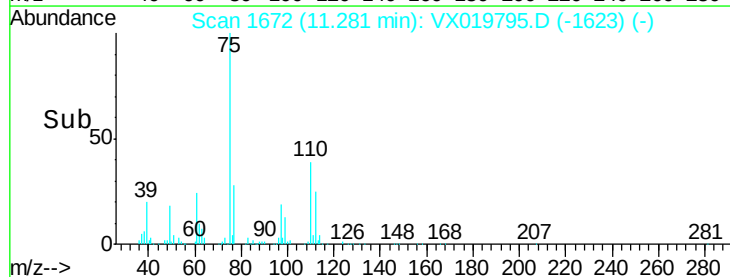
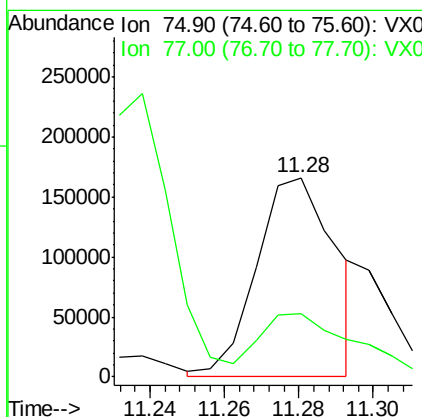
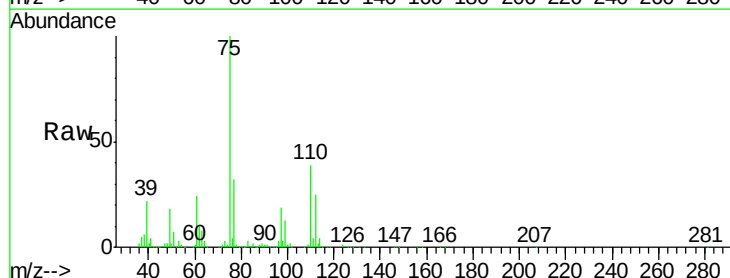
RT: 11.28 min Scan# 1672

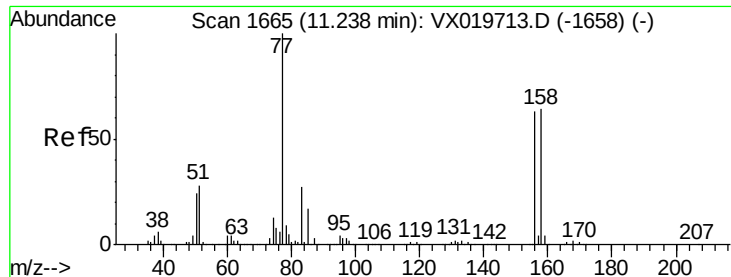
Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Tgt Ion:	75	Resp:	245691
Ion Ratio	Lower	Upper	
75	100		
77	38.3	19.1	57.5





#77

Bromobenzene

Concen: 52.084 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

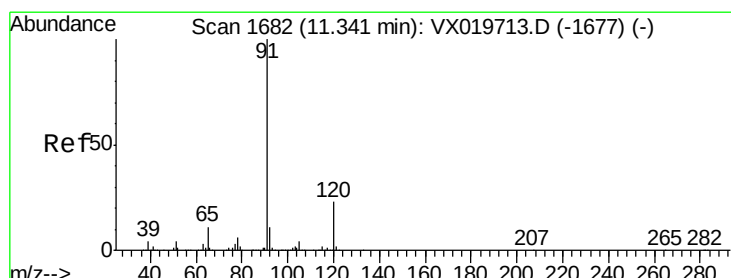
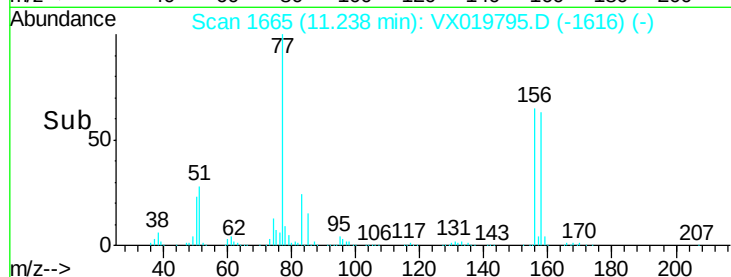
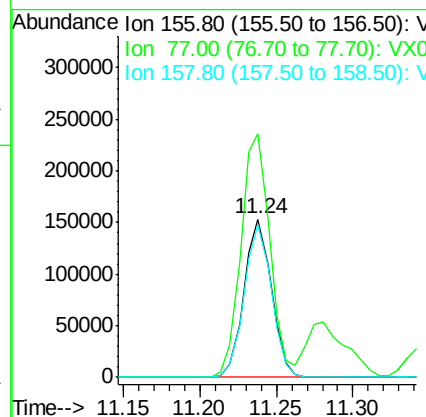
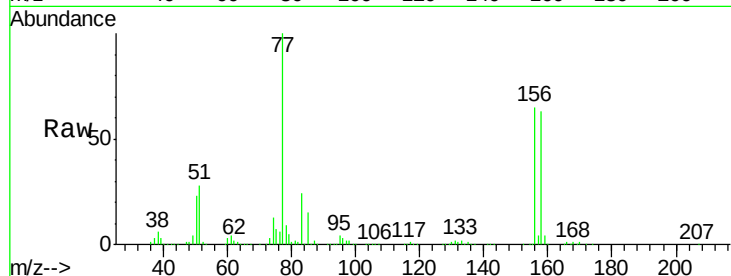
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	189644
Ion Ratio	Lower	Upper	
156	100		
77	163.3	82.8	248.6
158	96.4	49.1	147.4

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#78

n-propylbenzene

Concen: 52.696 ug/l

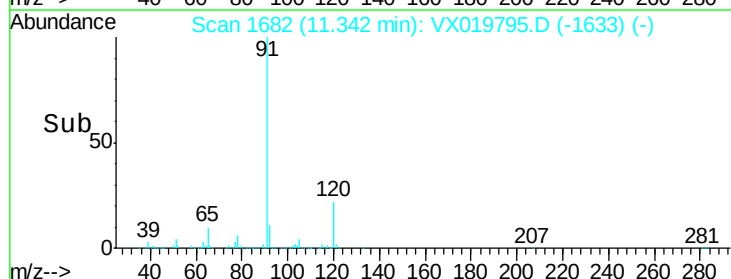
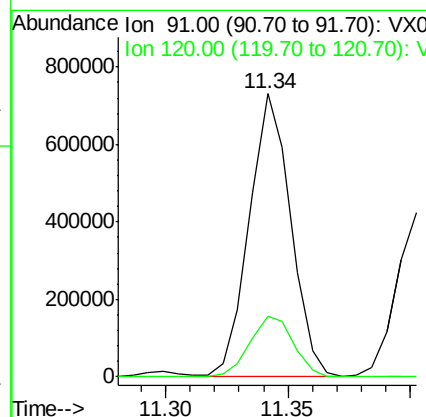
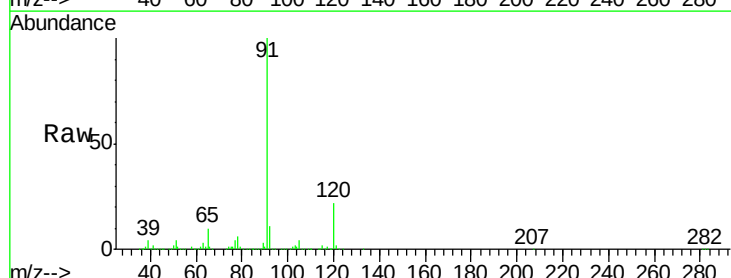
RT: 11.34 min Scan# 1682

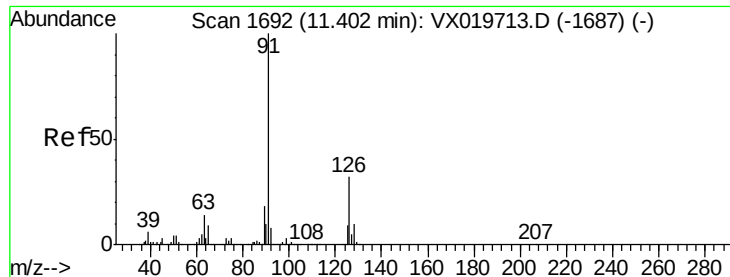
Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Tgt Ion:	91	Resp:	856333
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.5





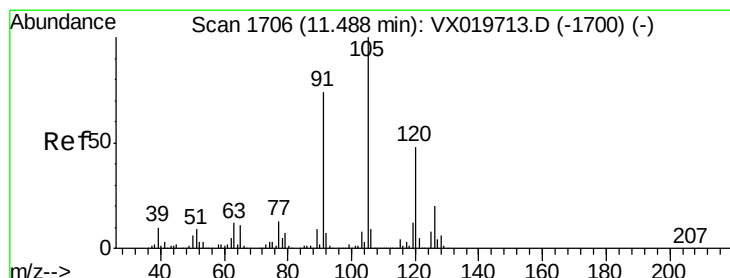
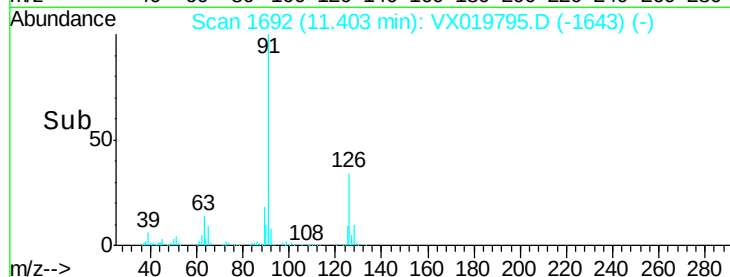
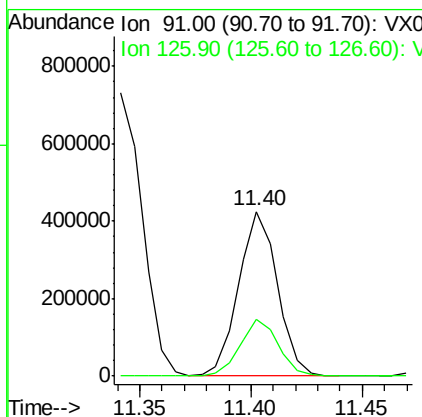
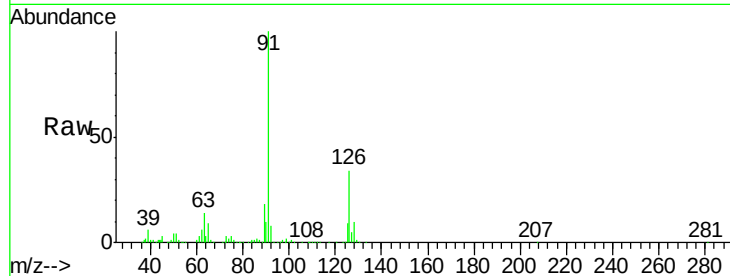
#79
 2-Chlorotoluene
 Concen: 51.583 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 516207
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.6 49.8

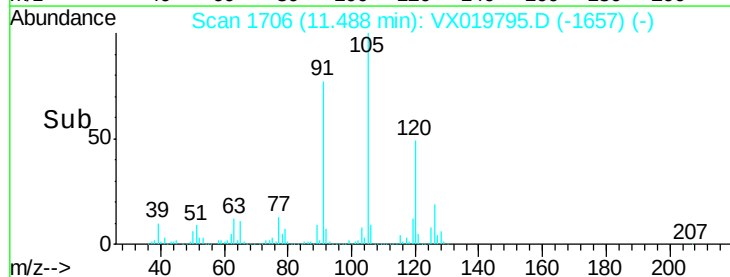
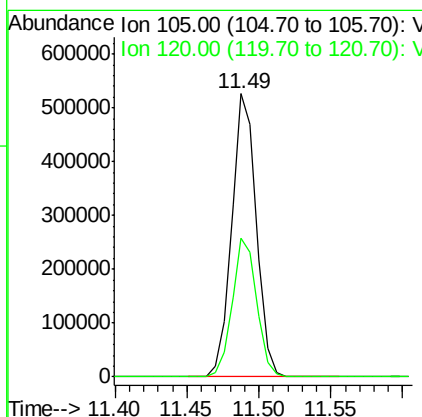
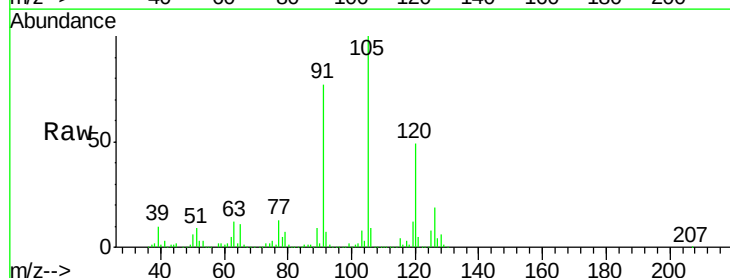
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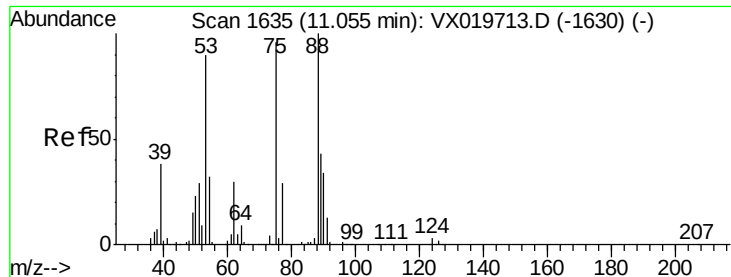
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 12/10/2020 9:30:31 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.379 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion: 105 Resp: 628965
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.8 71.5





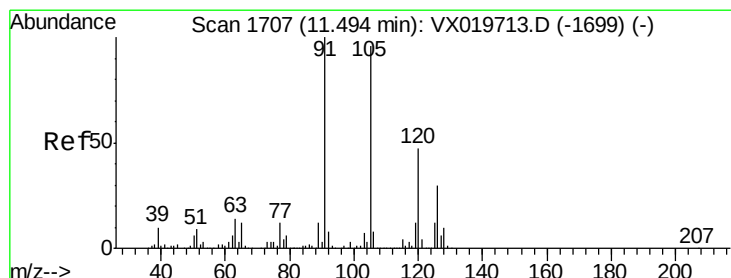
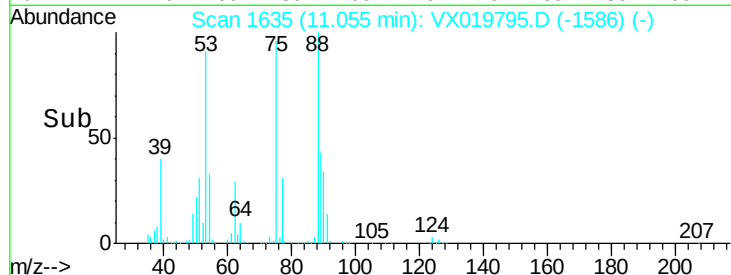
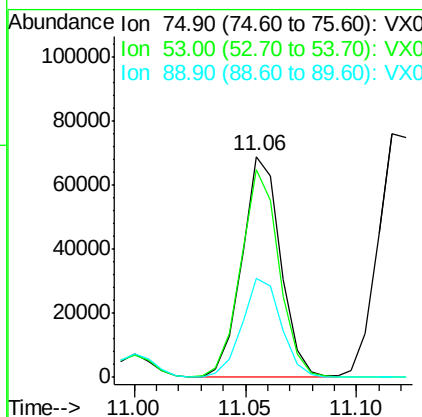
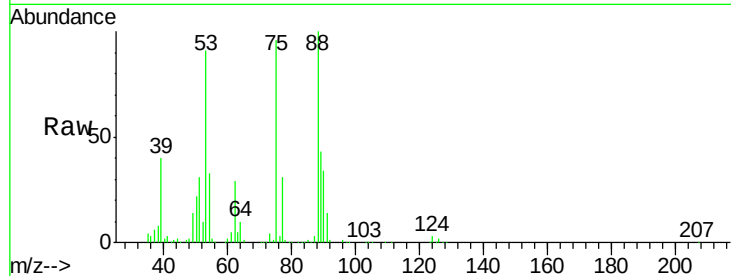
#81
trans-1,4-Dichloro-2-butene
Concen: 51.499 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.0	74.5	111.7
89	45.8	37.9	56.9

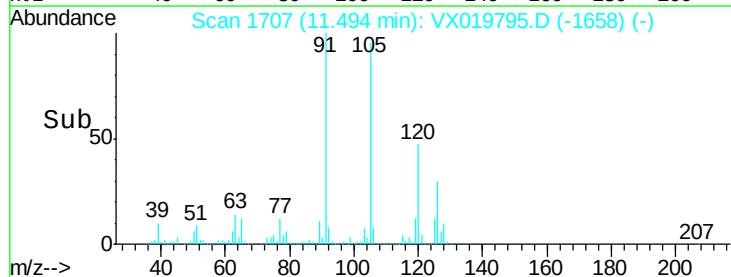
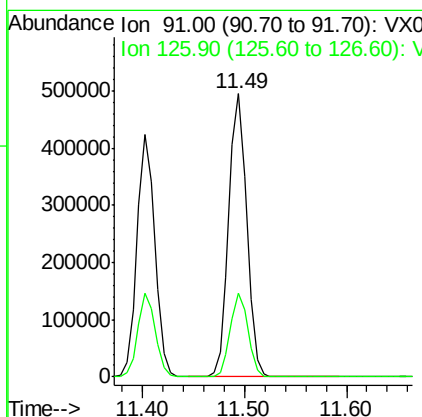
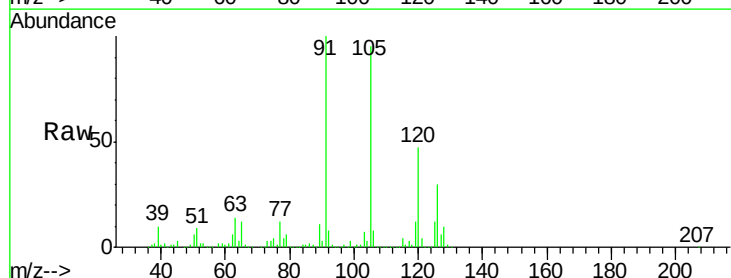
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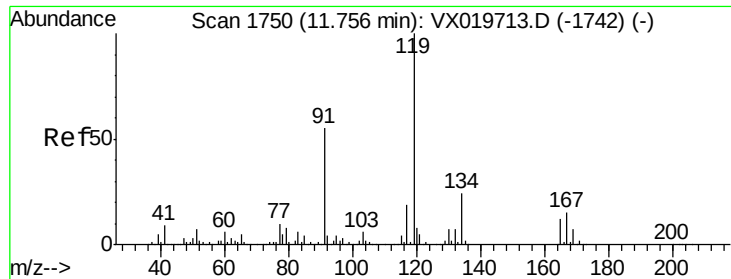
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#82
4-Chlorotoluene
Concen: 51.515 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.9	44.5





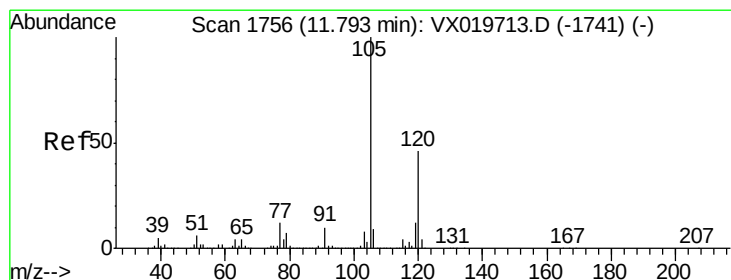
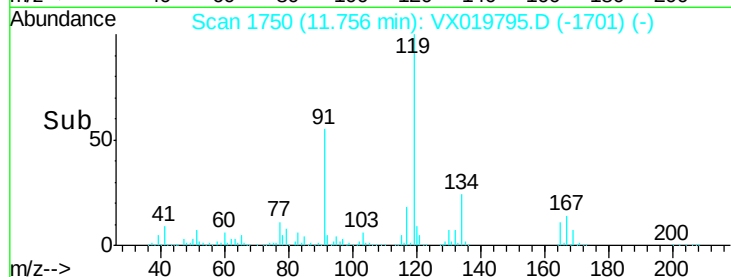
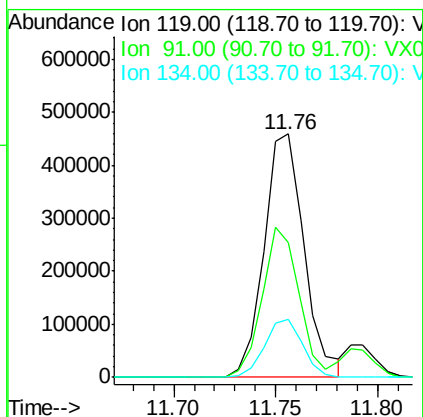
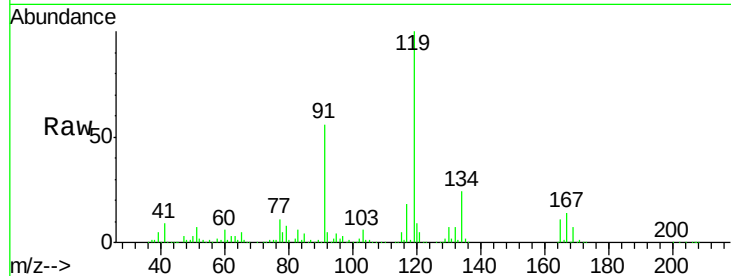
#83
 tert-Butylbenzene
 Concen: 53.388 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.8	27.9	83.7
134	22.8	11.3	33.9

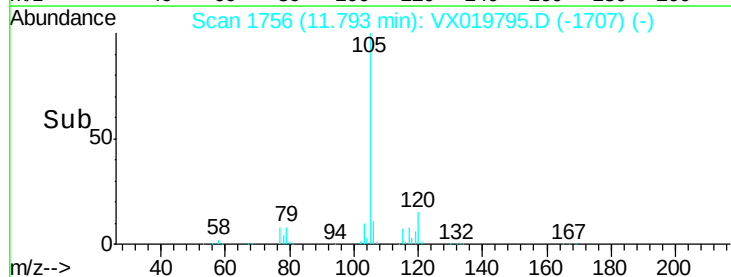
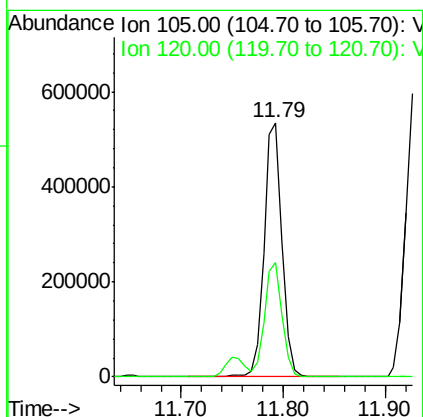
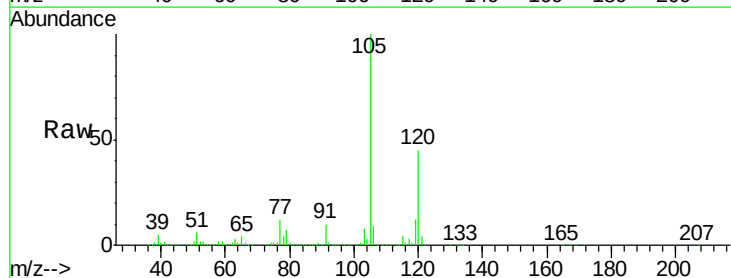
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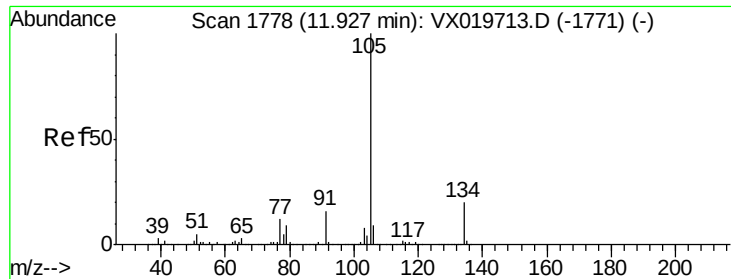
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.919 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.4	67.3





#85

sec-Butylbenzene

Concen: 53.291 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 716543

Ion Ratio Lower Upper

105 100

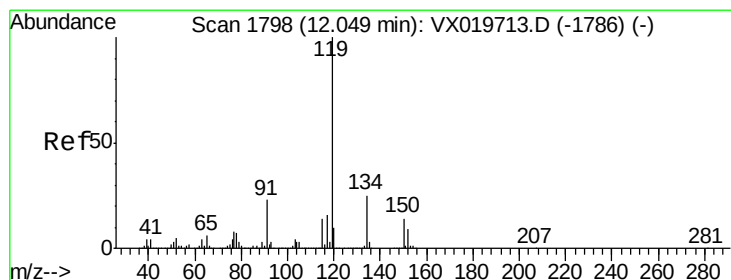
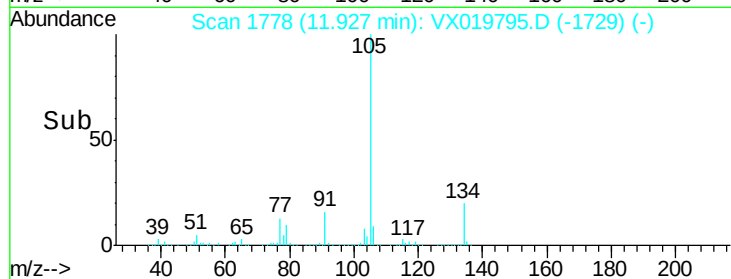
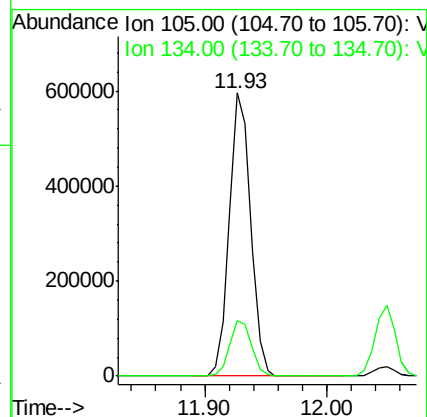
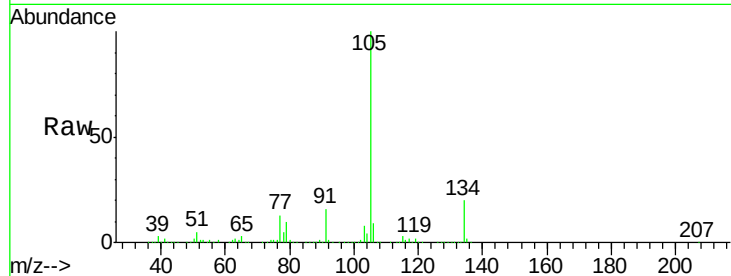
134 20.0 10.0 29.8

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#86

p-Isopropyltoluene

Concen: 53.306 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019795.D

Acq: 09 Dec 2020 22:23

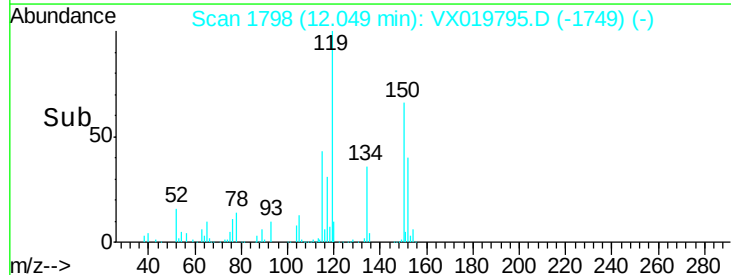
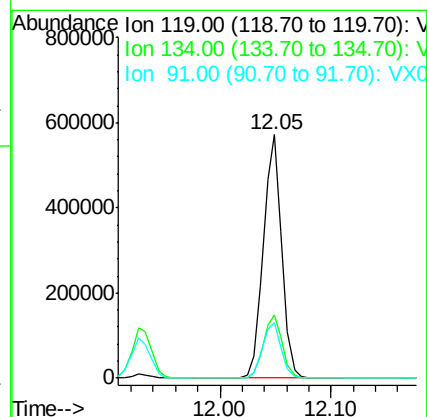
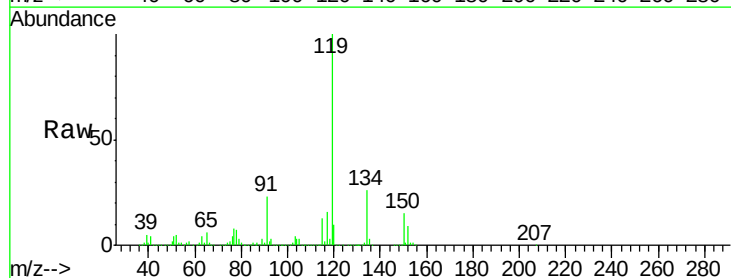
Tgt Ion:119 Resp: 656880

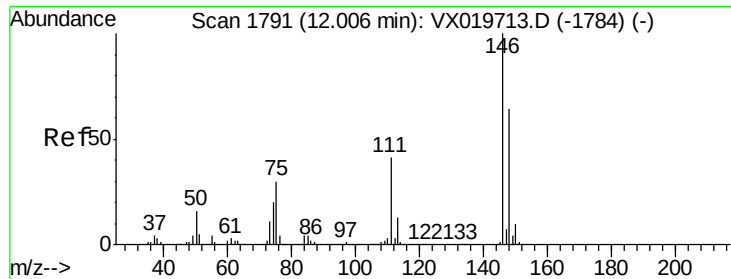
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

91 23.4 11.7 35.0





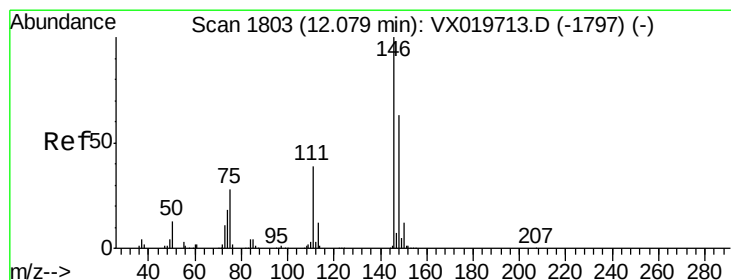
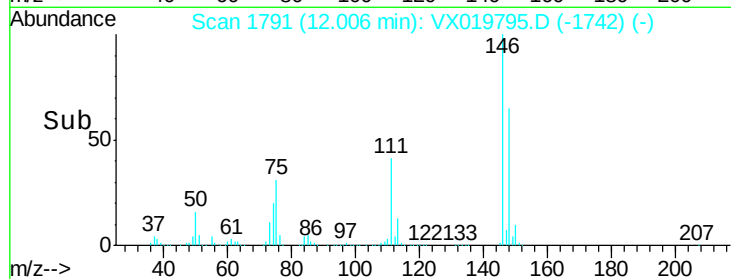
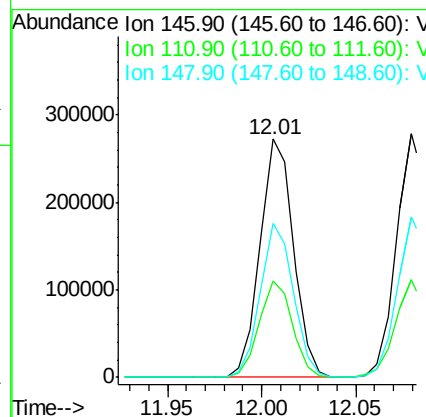
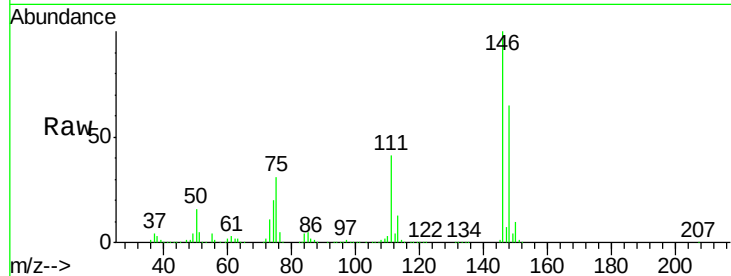
#87
 1,3-Dichlorobenzene
 Concen: 50.119 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.5
148	64.0	31.9	95.7

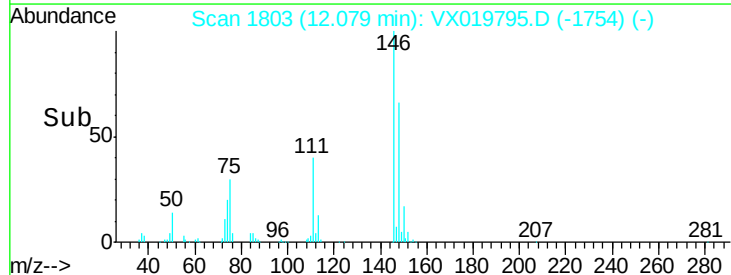
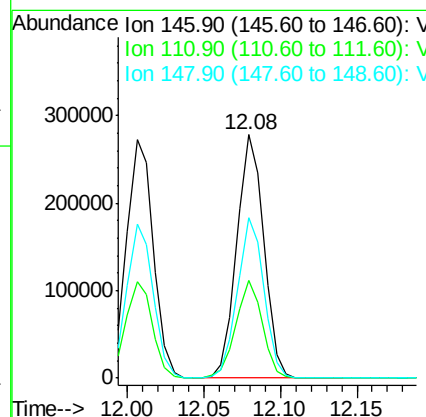
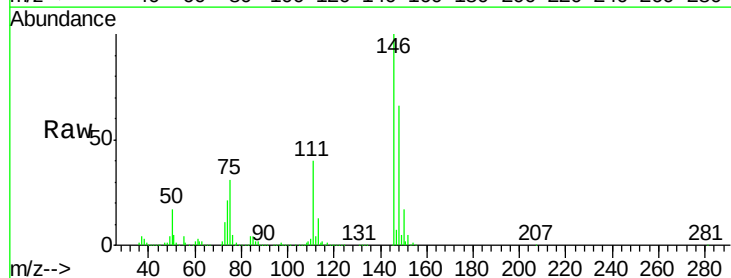
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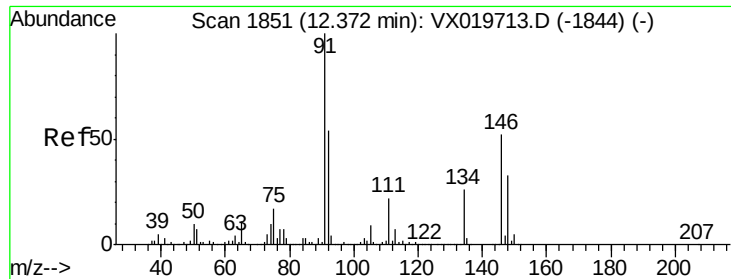
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#88
 1,4-Dichlorobenzene
 Concen: 49.987 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.8
148	64.8	31.6	95.0





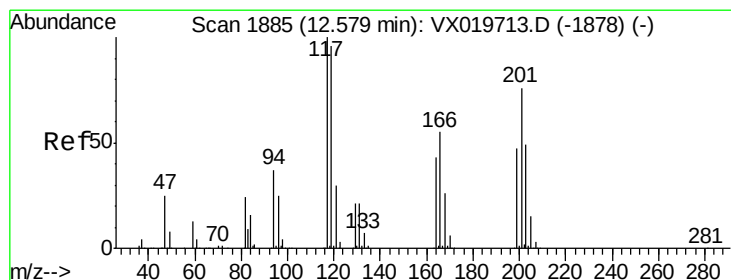
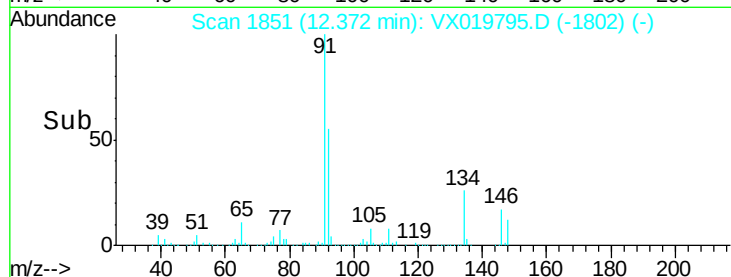
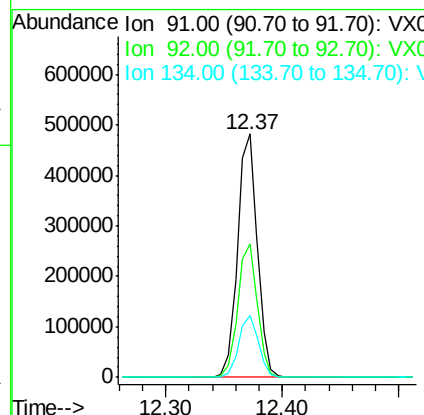
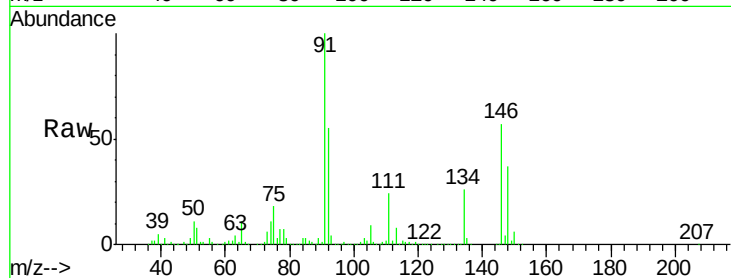
#89
n-Butylbenzene
Concen: 51.993 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.0
134	25.7	13.2	39.5

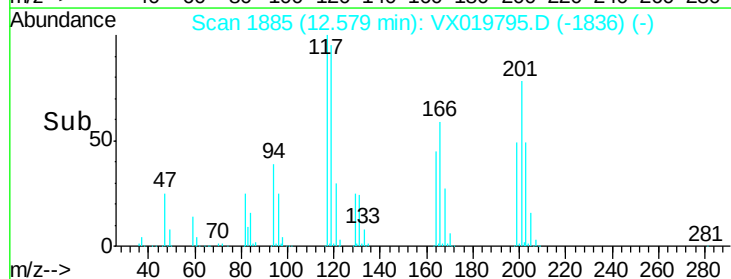
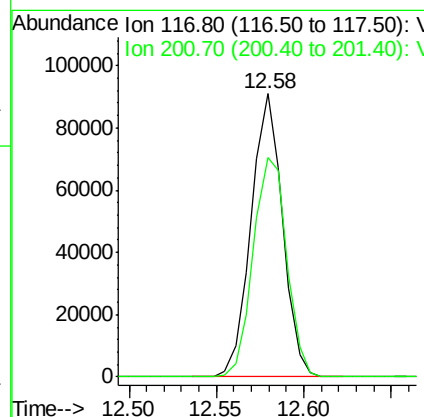
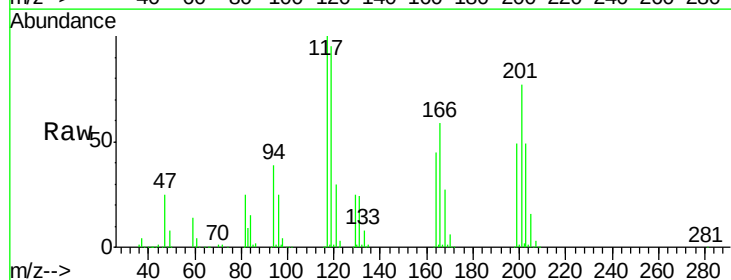
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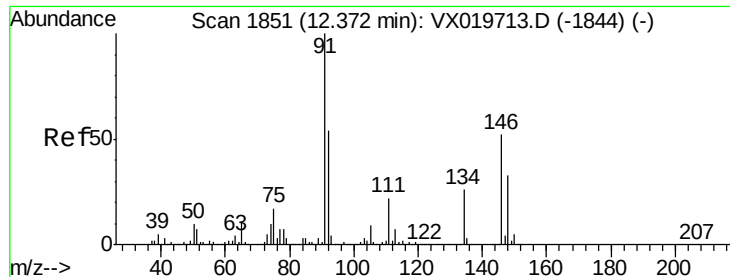
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#90
Hexachloroethane
Concen: 53.416 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.8	40.4	121.2





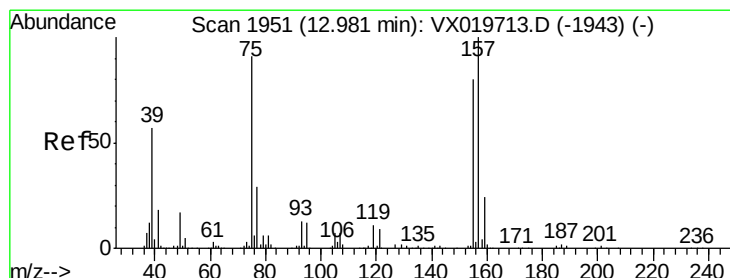
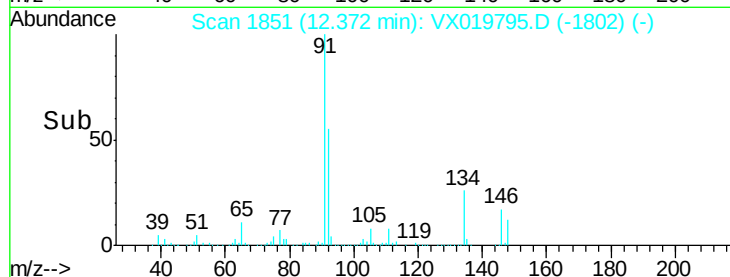
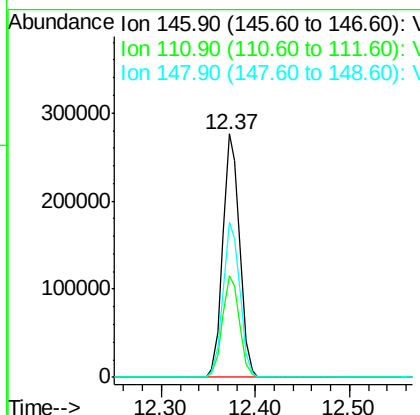
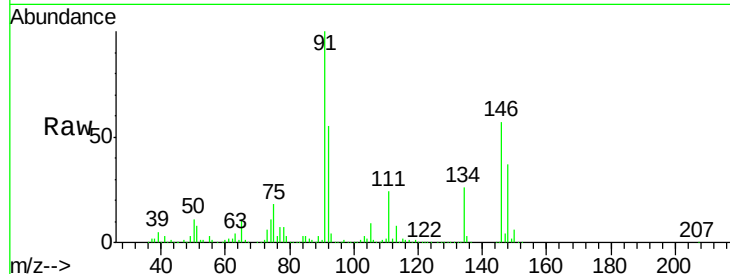
#91
 1,2-Dichlorobenzene
 Concen: 52.212 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	340138		
111	42.1	20.8	62.2	
148	63.9	31.9	95.5	

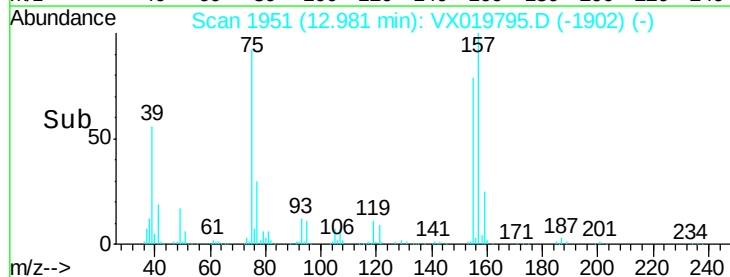
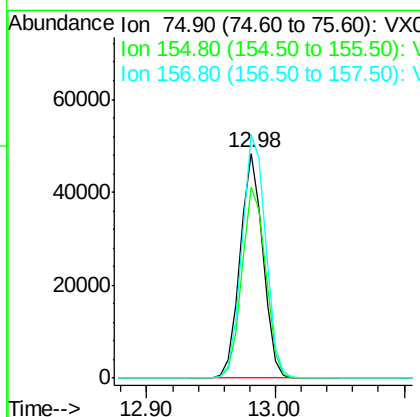
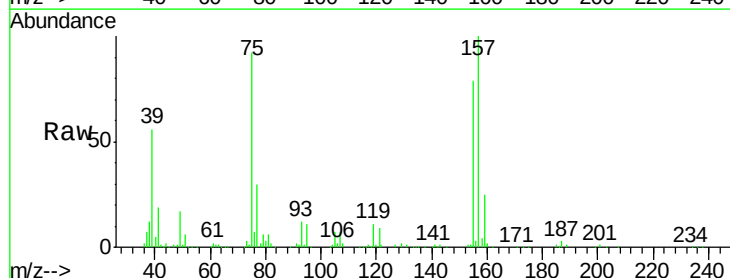
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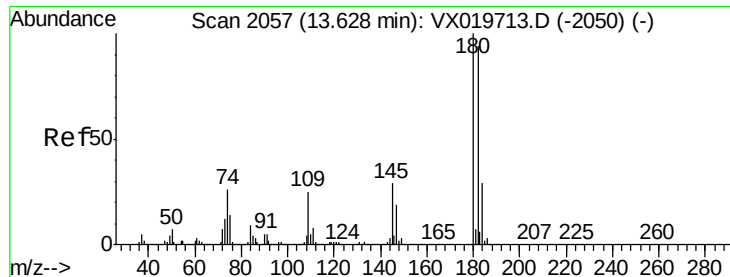
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.810 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59106		
155	88.1	45.3	135.9	
157	111.7	57.7	173.1	





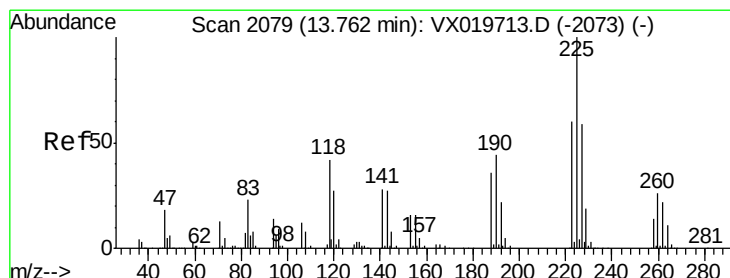
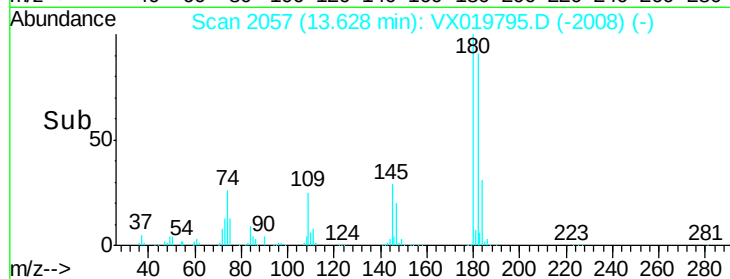
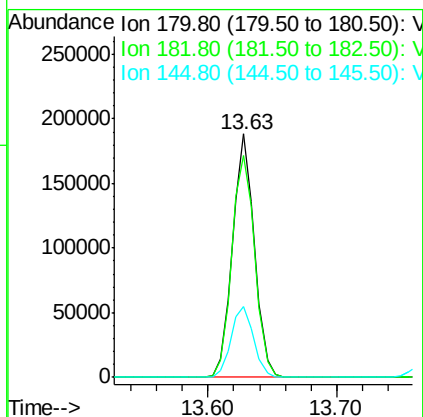
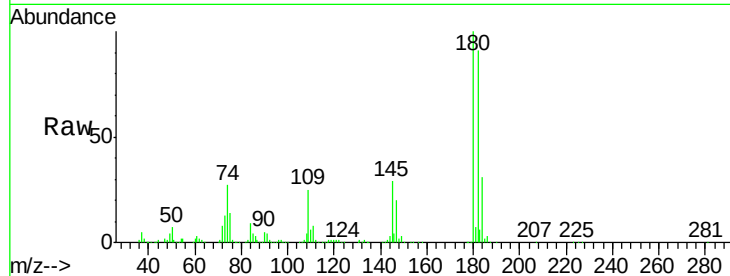
#93
 1,2,4-Trichlorobenzene
 Concen: 52.603 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	223071		
182	96.0	47.7	143.1	
145	30.3	15.0	45.0	

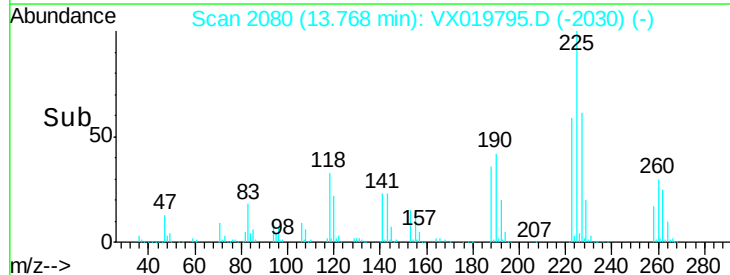
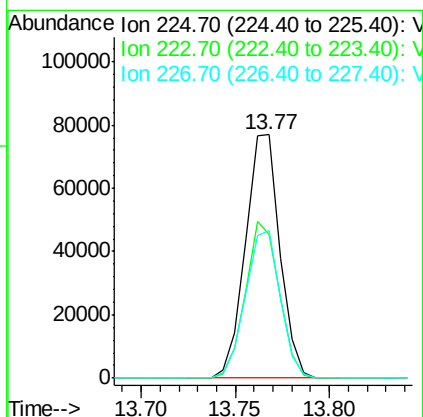
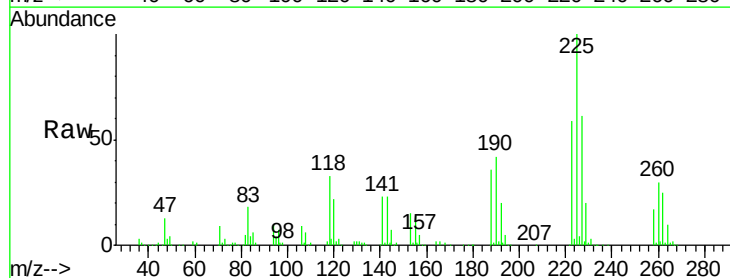
Manual Integrations
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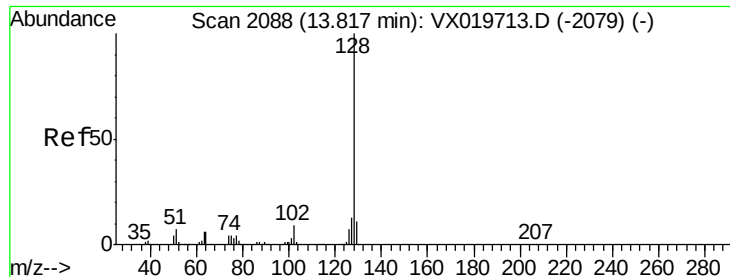
MMDadoda
 12/10/2020 9:30:31 AM



#94
 Hexachlorobutadiene
 Concen: 51.499 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019795.D
 Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97610		
223	62.8	31.1	93.2	
227	61.3	31.6	95.0	





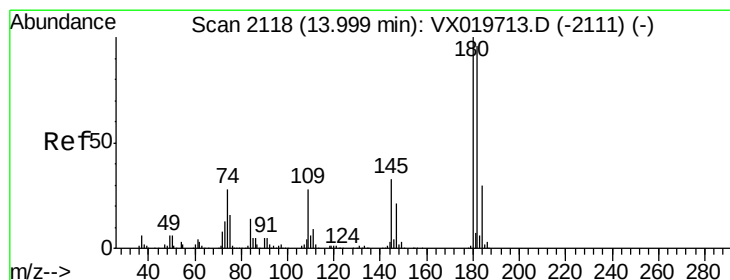
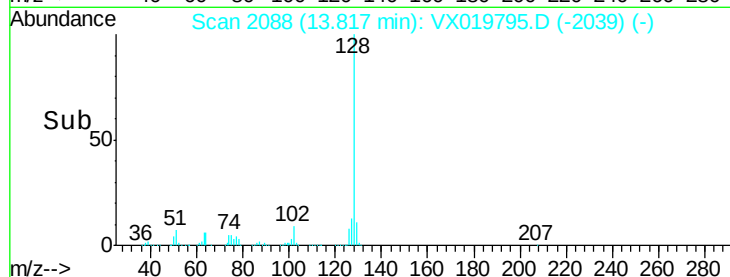
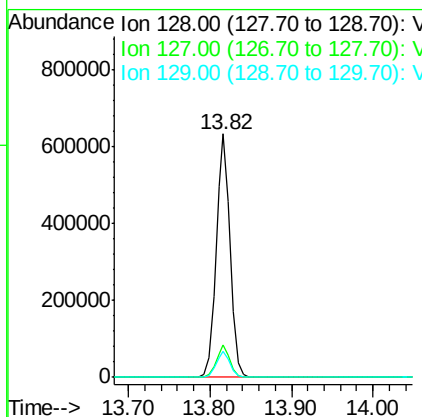
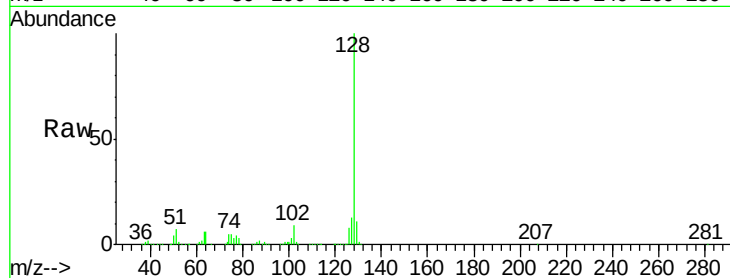
#95
Naphthalene
Concen: 55.438 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 53.958 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019795.D
Acq: 09 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.6	142.9
145	32.4	16.1	48.3

